



Scan the QR code to see the manual.



# OWNER'S MANUAL

# RANGE HOOD

---



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**

BR605S1S



MFL71950208  
Rev.00\_121925

[www.lg.com](http://www.lg.com)

Copyright © 2025 LG Electronics. All Rights Reserved

# TABLE OF CONTENTS

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.

## SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE..... 3

WARNING ..... 3

CAUTION ..... 8

## INSTALLATION

Product Overview..... 9

Installation ..... 9

## OPERATION

Using the Appliance ..... 13

## MAINTENANCE

Cleaning and Replacing..... 14

## TROUBLESHOOTING

Before Calling for Service..... 16

# 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:

## Installation

- This appliance is to be properly installed and earthed only by a suitably qualified person.
- Follow the local laws applicable for external air evacuation.

- The manufacturer will not be held liable for any damages resulting from incorrect or improper installation.
- The minimum safety distance between the cooker top and the range hood is 650 mm.
- The minimum distance between the supporting surface for the cooking vessels on the hob and the lowest part of the range hood. This distance shall be at least 65 cm. If the instructions for installation specify a greater distance, this has to be taken into account. The distance of 65 cm can be reduced for : non-combustible parts of range hoods, except grease filters, and parts operating at safety extra low voltage, provided these parts do not give access to live parts if deformed.
- If the instructions for installation for the gas hob specify a greater distance specified above, this has to be taken into account. Regulations concerning the discharge of air have to be fulfilled.
- Check that the mains voltage corresponds to that indicated on the rating plate fixed to the inside of the range hood.
- Check that the domestic power supply guarantees adequate earthing.
- Connect the range hood to the exhaust flue through a pipe of minimum diameter 150 mm. The route of the flue must be as short as possible.
- Do not connect the range hood to exhaust ducts carrying combustion flumes (boilers, fireplaces, etc.).
- If the range hood is used in conjunction with non-electrical appliances (e.g. gas burning appliances), a sufficient degree of aeration must be guaranteed in the room in order to prevent the backflow of exhaust gas. The kitchen must have an opening communicating directly with the open air in order to guarantee the entry of clean air. When the range hood is used in conjunction with appliances supplied with energy other than electric, the negative pressure in the room must not exceed 0.04 mbar to prevent fumes being drawn back into the room by the range hood.

- Children may put packaging material over their heads or wrap themselves up in it and suffocate. Keep packaging material away from children. Do not let children play with packaging material.
- Children may breathe in or swallow small parts, causing them to suffocate. Keep small parts away from children. Do not let children play with small parts.
- The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels.
- Range hoods and other cooking fume extractors may adversely affect the safe operation of appliances burning gas or other fuels (including those in other rooms) due to back flow of combustion gases. These gases can potentially result in carbon monoxide poisoning. After installation of a range hood or other cooking fume extractor, the operation of flued gas appliances should be tested by a competent person to ensure that back flow of combustion gases does not occur.
- Do not install the range hood near a heat producing appliance for solid fuel (e.g. wood or coal) unless a closed, nonremovable cover is available. There must be no flying sparks.
- Observe 'INSTALLATION' when installing the appliance.

## Operation

- The range hood has been designed exclusively for domestic use to eliminate kitchen smells.
- Never use the range hood for purposes other than for which it has been designed. The range hood is for home use only, not suitable for barbecue, roast shop and other commercial purposes.
- Never subject the hood to any naked flames that might unintentionally occur from foods being cooked on the hob below it or at any other time.
- Adjust any gas burner flame onto the bottom of the pan only, making sure that it does not engulf the sides.
- Deep fryers must be continuously monitored during use: overheated oil can burst into flames.

- Do not apply any flame to the range hood; risk of fire. Grease deposits in the grease filter may catch fire. Never work with naked flames close to the appliance (e.g. flambéing).
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children should be supervised to ensure that they do not play with the appliance.
- There shall be adequate ventilation of the room when the range hood is used at the same time as appliances burning gas or other fuels.
- Accessible parts may become hot when used with cooking appliances. Never touch hot parts. Keep children at a safe distance.
- Hot oil and fat can ignite very quickly. Never leave hot fat or oil unattended. Never use water to put out burning oil or fat. Switch off the hotplate. Extinguish flames carefully using a lid, fire blanket or something similar.
- When gas burners are in operation without any cookware placed on them, they can build up a lot of heat. A range hood installed above the cooker may become damaged or catch fire. Only operate the gas burners with cookware on them.
- Operating several gas burners at the same time gives rise to a great deal of heat. A range hood installed above the cooker may become damaged or catch fire. Never operate two gas burners simultaneously on the highest flame for longer than 15 minutes. One large burner of more than 5 kW (wok) is equivalent to the power of two gas burners.
- Components inside the appliance may have sharp edges. Wear protective gloves when cleaning the filters and never disassemble the appliance for maintenance or repairs.
- Items placed on the appliance may fall down. Do not place any objects on the appliance.

- The light emitted by LED lights is very dazzling, and can damage the eyes (risk group 1). Do not look directly into the switched on LED lights for longer than 100 seconds.
- Plug the power cord to a suitable and matching voltage socket outlet with earthing continuity terminal. appliance has been designed to operate from a mains grid power supply.
- Use the unit according to the instructions to avoid any fire hazard.
- Never operate the appliance without a grease filter.

## Maintenance

- Do not repair or replace any part of the appliance unless specifically recommended in the manual. All other servicing should be done by a qualified technician.
- Cleaning and user maintenance shall not be made by children without supervision.
- There is a fire risk if cleaning is not carried out in accordance with the instructions.
- Switch off or unplug the appliance from the mains supply before carrying out any maintenance work.
- Clean and/or replace the filters after the specified time period (to avoid a fire).
- Fatty deposits in the grease filter may catch fire. Regularly clean the grease filter.
- Prior to any maintenance, cleaning operation, ensure the power is cut off. Penetrating moisture may cause an electric shock. Do not use wet sponge cloths or flammable liquid cleaning solutions.
- If the supply cord is damaged, it must be replaced by the manufacturer, service agent or similarly qualified person in order to avoid a hazard. The replaced power cord should be provided by manufacturer or seller.
- If the plug or cord is damaged, contact an LG Electronics Customer Information Centre.

## CAUTION

---

### CAUTION

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

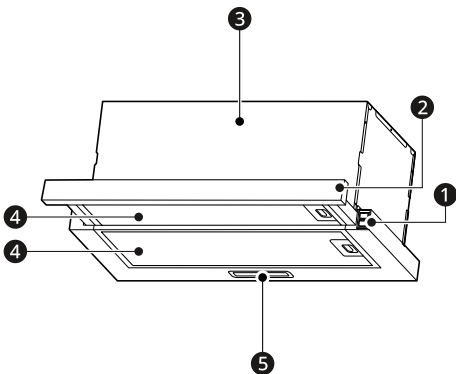
## Maintenance

- Do not use corrosive detergents or flammable liquids or solvents for cleaning. The proper function of the unit is conditioned by the regularity of the maintenance.
- If a malfunction or fault has occurred with the appliance, contact an LG Electronics Customer Information Centre.
- The grease filters may become damaged if they are squeezed. Do not squeeze the grease filters.

# INSTALLATION

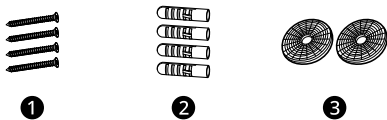
## Product Overview

### Parts



- 1 Control Button
- 2 Telescopic
- 3 Hood Body
- 4 Grease Filter
- 5 Light

### Accessories



- 1 Screws (Φ5 mm x 50 mm, 4 ea)
- 2 Wall Plugs (4 ea)
- 3 Activated Charcoal Filters (2 ea)

### NOTE

- Always wear work gloves for all installation and maintenance operations.
- Wall plugs are provided to secure the hood to most types of walls/ceilings. However, a qualified technician must verify suitability of the

materials in accordance with the type of wall/ceiling. The wall/ceiling must be strong enough to take the weight of the hood. Do not tile, grout or silicone this appliance to the wall. Surface mounting only.

- This product requires installation by a qualified professional, who will ensure the complete removal of all packaging materials, including expanded or moulded plastics, and will responsibly recycle or dispose of such packaging following the installation at the customer's premises. Do not dispose any expanded plastic packaging in the household bin.

### Scope of Delivery

After unpacking all parts and accessories, check for any damage in transit upon completion of the delivery.

### Specifications

| Model                | BR605S1S                     |
|----------------------|------------------------------|
| Voltage              | 220 - 240 V ~ 50/60 Hz       |
| Rated Power          | 216.5 W                      |
| Lighting Power       | 1.5 W                        |
| Motor Power          | 215 W                        |
| Diameter of Air Tube | 150 mm                       |
| Air Flow             | 640 m <sup>3</sup> /h (High) |

The parameters are tested under conditions of 230 V 50 Hz when the voltage is 220-240 V~ 50/60 Hz and without activated charcoal filters.

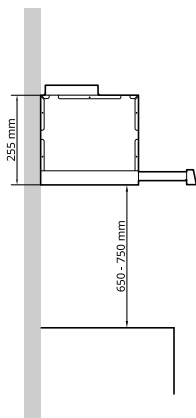
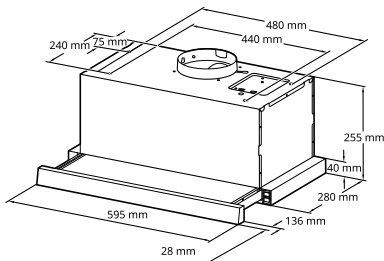
### Installation

#### Dimensions and Clearances

- Make sure the appliance is placed horizontally to avoid grease collection at one end.

## 10 INSTALLATION

- After installation, make sure that the power plug is accessible and can be pulled out if necessary.
- The appliance should be placed 650-750 mm up from the highest point of the Cooktop's surface for safety and effective operation.
- There must be adequate ventilation of the room when the appliance is working.



### WARNING

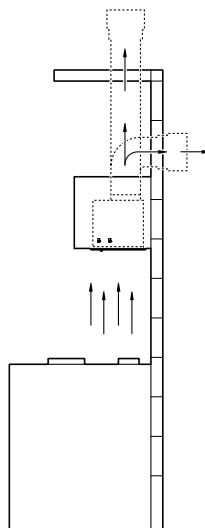
- The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels.
- Do not install the range hood near a heat producing appliance for solid fuel (e.g. wood or coal) unless a closed, nonremovable cover is available. There must be no flying sparks.

### Choose the working mode

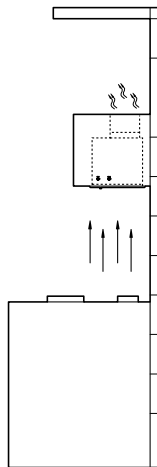
The range hood can be operated in recirculation or extraction-air mode. Extraction-air mode, the air is discharged out of the house by a pipe.

Recirculation mode, the air is purified and discharged into the house through two rows of holes on the adjustable decorative chimney.

- Extraction-air mode

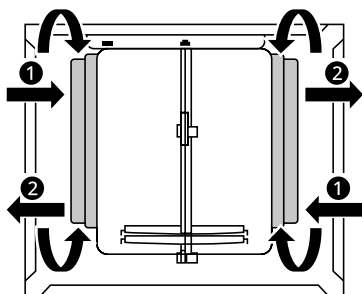


- Recirculation mode



For recirculation mode, assembled activated charcoal filters on each side as cover to both the shield grids of the motor impeller, then turn

clockwise ❶. For the disassembly, turn counter-clockwise ❷.



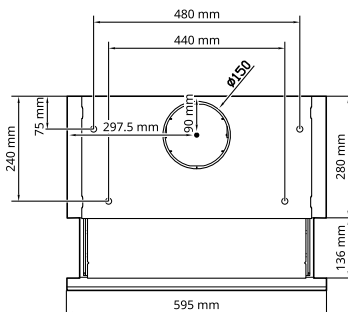
## NOTE

- For recirculation mode, without the exhaust pipe, install activated charcoal filters. When activated charcoal filters are attached, the suction power will be lowered.

## Installing the Appliance

There are two ways to install an appliance : installing appliance directly into a cabinet or wall mounting appliance. Install appliance in a way that suits your kitchen environment.

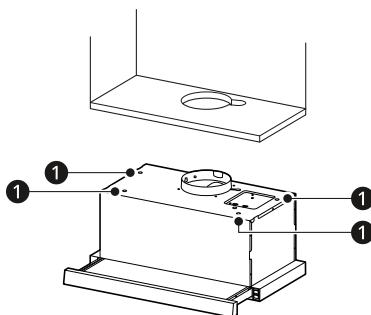
Before installing the appliance, a  $\Phi 150$  mm hole must be drilled in the upper cabinet.



## Installing the appliance directly into a cabinet

- After pulling out the telescopic rail, remove the two metal grease filters.

- Fix the appliance to the cabinet by using screws  
❶. The screws are fastened from bottom to top.



- Screws ( $\Phi 5$  mm x 50 mm, 4 ea)

- If the screw protrudes above the cabinet, it may cause stability problems, insert the wall plug into the screw and turn it.

- Fix the metal grease filters.

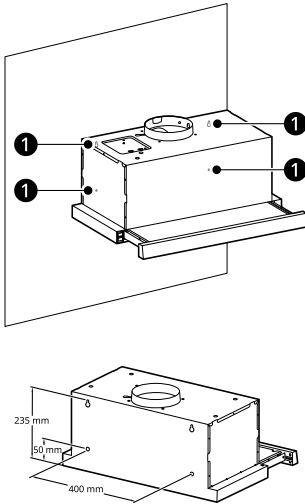
- Connect the power cord.

## Installing the appliance : wall mounting

- Make sure that there are no electrical lines, water lines or other utilities in the drilling area before drilling.

## 12 INSTALLATION

- 2** Mark 2 points horizontally 885-985mm above the hob. The distance between the two points is 400 mm.



- 1** Screws ( $\Phi 5$  mm x 50 mm, 4 ea)

- 3** Drill at the marked points using a  $\Phi 10$  mm drill bit.

- 4** Insert the wall plugs into the holes.

- 5** Insert 2 screws **1** into the wall plug, protruding 3 mm from the wall. Then hang the appliance and mark the remaining points where there are no screws.

- 6** Remove the appliance. Drill the marked points using a  $\Phi 10$  mm bit and insert the wall plugs into the holes.

- 7** Hang the appliance and fix the appliance with 4 screws **1**.

- 8** Connect the power cord.

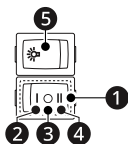
### NOTE

- When using the Extraction-air mode, install an exhaust pipe. The exhaust pipe's minimum diameter is 150 mm.
- Once installation is complete, please perform a test run.

# OPERATION

## Using the Appliance

### Control Button



#### ❶ Power

You can set the power of the appliance by pressing the button.

When you pull the telescopic panel, the appliance operates at the set power.

When you push the telescopic panel, the appliance stops operating.

- ❷ Low Speed
- ❸ Off mode
- ❹ High Speed

#### ❺ Light

- You can set the **Light** ON/OFF by pressing the button.
- When you pull the telescopic panel, the **Light** turns ON.
- When you push the telescopic panel, the **Light** turns OFF.

### NOTE

- We recommend that you switch on the appliance for a few minutes before you start cooking, and then leave it running for approximately 8 minutes afterwards to ensure that all odors are extracted.

# MAINTENANCE

## Cleaning and Replacing

### WARNING

- Switch off or unplug the appliance from the mains supply before carrying out any maintenance work.
- Make sure that the appliance is shut off before cleaning.

### CAUTION

- Falling grease filters may damage the hob below. Grip below the grease filter with one hand and make sure they are properly secured when refitted.

## Cleaning

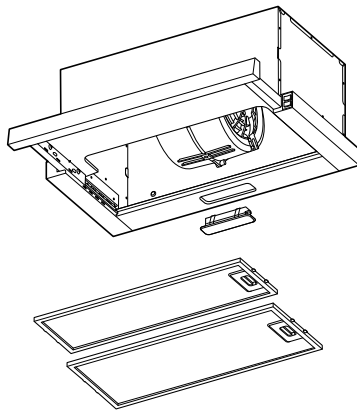
### Cleaning the appliance

- 1 Observe the instructions of the cleaning agent manufacturer.
- 2 Clean stainless steel surfaces in the direction of the finish using a sponge cloth and hot soapy water. To protect the main body from corrosive of the long time accumulation of dirt, the range hood should be cleaned with hot water with noncorrosive detergent every two months.
- 3 Dry with a soft cloth.
- 4 Apply a thin layer of the stainless steel cleaning product to stainless steel surfaces using a soft cloth.

### Cleaning Grease Filters in the Dishwasher

- 1 Remove all grease filters.

- 2 Put the grease filters into a dishwasher with detergent, set the temperature below 60 degrees. The filters must be cleaned every 2 months of operation, or more frequently for particularly heavy usage, and can be washed in a dishwasher.
- 3 Do not use abrasive detergent for it will damage the appliance.
- 4 Allow the grease filters to drain.
- 5 Fitting the grease filters.



### NOTE

- Steam cleaner is not to be used.
- When cleaning the grease filter in the dishwasher, light discolouration may occur. This discolouration has no effect on the performance of the grease filters.

### Cleaning Grease Filters manually

- 1 Observe the instructions of the cleaning agent manufacturer.

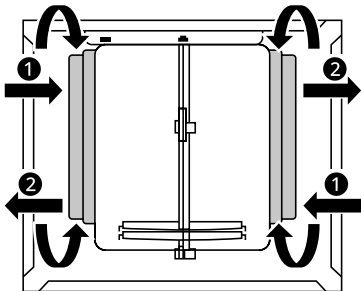
- 2 Soak the grease filter in hot soapy water.
- 3 Use a brush to clean the grease filters.
- 4 Rinse the grease filters thoroughly.
- 5 Allow the grease filters to drain.
- 6 Fitting the grease filters.

Replacing

Replacing the Activated Charcoal Filter (Recirculation Version)

These filters are not washable and cannot be regenerated, and must be replaced approximately every 4 months of operation, or more frequently with heavy usage.

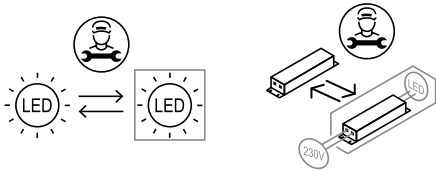
- 1 Remove the grease filters.
- 2 Remove the saturated activated charcoal filter.  
For the disassembly, turn counter-clockwise ❷.
- 3 Fit the new activated charcoal filters, apply one on each side as cover to both the shield grids of the motor impeller, then turn clockwise ❶.



Replacing the Light

LED light

Call for service. Repairs should be performed by a licensed technician only. Improper repair may result in considerable danger to you and others.



|                 |                                                                                    |
|-----------------|------------------------------------------------------------------------------------|
| Square/Diameter | 33.2 mm x 120 mm                                                                   |
| Max. Power      | 1.5 W                                                                              |
| Voltage         | 220 – 240 V                                                                        |
| Picture         |  |
| Lamp Cap        | -                                                                                  |
| ILCOS D code    | DBS-1.5-H-33.2/120                                                                 |

# TROUBLESHOOTING

## Before Calling for Service

Repairs should be performed by a licensed technician only. Improper repair may result in considerable danger to you and others. However, some minor problems can be resolved as in the table below:  
If a problem is not solved, please contact an LG Electronics Customer Information Centre.

## Parts and Features

The manufacturer will decline all responsibility if the recommendations and instructions regarding installation, maintenance and use are not observed and respected when using the appliance.

| Symptoms                          | Possible Cause & Solution                                                                                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Light on, but motor does not work | <b>The motor is blocked.</b> <ul style="list-style-type: none"> <li>Call for service.</li> </ul>                                                                          |
|                                   | <b>The internal wiring of motor is cut off/disconnected. An unpleasant smell may be produced.</b> <ul style="list-style-type: none"> <li>Call for service.</li> </ul>     |
| Both light and motor do not work  | <b>Apart from the possibilities mentioned above, check the following:</b><br><b>Light is damaged.</b> <ul style="list-style-type: none"> <li>Call for service.</li> </ul> |
| Vibration                         | <b>The motor, if damaged, can cause vibration.</b> <ul style="list-style-type: none"> <li>Call for service.</li> </ul>                                                    |
|                                   | <b>The motor is not tightly fastened.</b> <ul style="list-style-type: none"> <li>Call for service.</li> </ul>                                                             |
|                                   | <b>The appliance is not securely fixed.</b> <ul style="list-style-type: none"> <li>Fixed the appliance securely.</li> </ul>                                               |
| Insufficient suction              | <b>The distance between the appliance and the cooker top is too great.</b> <ul style="list-style-type: none"> <li>Readjust the distance.</li> </ul>                       |
|                                   | <b>Too much ventilation from open doors or windows.</b> <ul style="list-style-type: none"> <li>Close some doors / windows.</li> </ul>                                     |
| The appliance is not level        | <b>The fixing screws are not tight enough.</b> <ul style="list-style-type: none"> <li>Tighten the fixing screws and ensure that the appliance is horizontal.</li> </ul>   |
|                                   | <b>The hanging screws are not tight enough.</b> <ul style="list-style-type: none"> <li>Tighten the hanging screws and ensure that the appliance is horizontal.</li> </ul> |

**Memo**

**Memo**

**Memo**

