



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

HC7Z2425S HC7Z3625S



MFL71950202
Rev.01_060424

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:

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.
- 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.

- 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 faulty, the appliance must not be used. If a fault occurs, the appliance must be isolated by removing the mains plug or switched off by removing the fuse or turning off the circuit breaker in the house fuse box.

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.

CARING FOR THE ENVIRONMENT

Used Appliances

CAUTION

- Used appliances must be rendered unusable prior to disposal so that they no longer present a risk. To achieve this, disconnect from the mains supply and remove the power supply cable.
-

For the protection of the environment, used appliances must be disposed of properly.

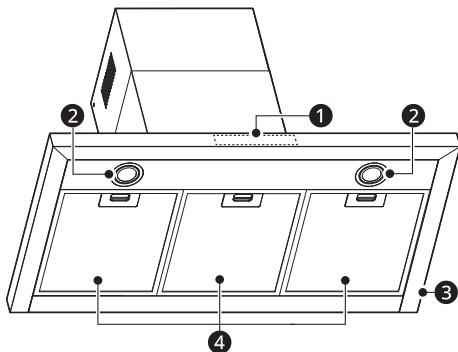
- The appliance must not be disposed of along with normal domestic waste.

INSTALLATION

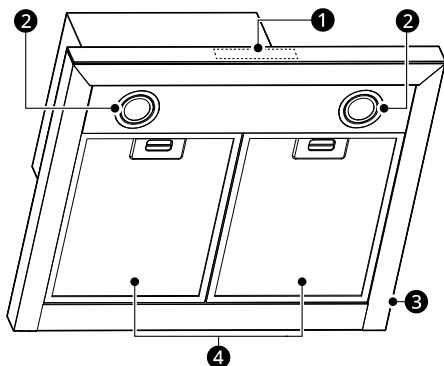
Product Overview

Parts

HC7Z3625S

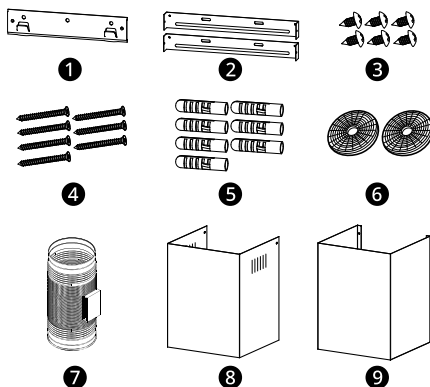


HC7Z2425S



- ① Control Panel
- ② Light
- ③ Hood Body
- ④ Grease Filter

Accessories



- ① Hood Fixing Bracket (1 ea)
- ② Chimney Fixing Brackets (2 ea)
- ③ Screws ($\Phi 4.2$ mm x 9.5 mm, 6 ea)
- ④ Screws ($\Phi 5$ mm x 50 mm, 7 ea)
- ⑤ Wall Plugs (7 ea)
- ⑥ Activated Charcoal Filters (2 ea)
- ⑦ Exhaust Pipe with Tape (1 ea)
- ⑧ Upper Decorative Chimney (1 ea)
- ⑨ Lower Decorative Chimney (1 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.

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Scope of Delivery

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

Specifications

Model	HC7Z2425S HC7Z3625S
Voltage	220 - 240 V ~ 50/60 Hz
Rated Power	253 W
Lighting Power	2 x 1.5 W
Motor Power	250 W
Diameter of Air Tube	150 mm
Air Flow	600 m ³ /h (High), 830 m ³ /h (Booster)

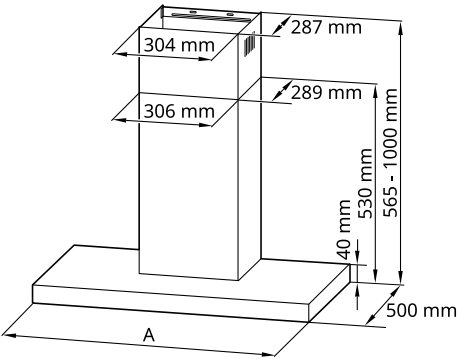
The parameters are tested under conditions of 230 V 50 Hz when the voltage is 220-240 V~ 50/60 Hz and without activated charcoal filters.

Installation

Dimensions and Clearances

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

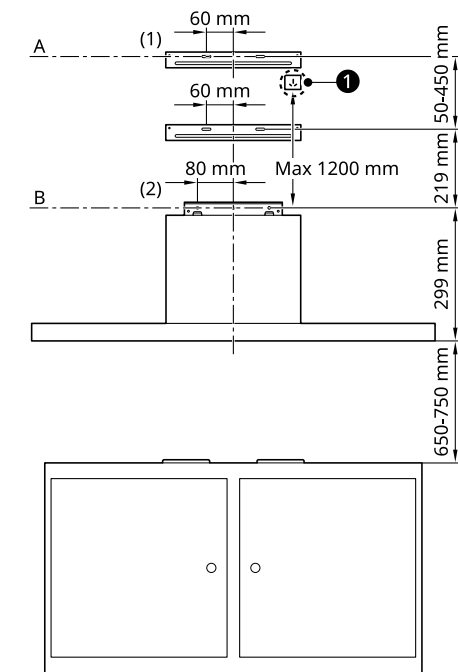


Model	HC7Z2425S	HC7Z3625S
A	598 mm	898 mm

⚠ 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.

Wall Drilling and Bracket Fixing



① Power Socket

As a first step, proceed with the previous drawings:

- 1 Make sure that there are no electrical lines, water lines or other utilities in the drilling area before drilling.
- 2 A vertical line up to the ceiling or up to the upper limit, at the center of the area in which the range hood is to be fitted.
- 3 A horizontal line A at 1218 - 1718 mm above the cooker top.
- 4 A horizontal line B at a minimum 949 mm above the cooker top.

Mark points:

- 1 Mark a point (1) on the horizontal line A, 60 mm to the right of the vertical reference line.
- 2 Repeat this operation on the other side, checking that the two marks are leveled.
- 3 Mark a point (2) on the horizontal line B, 80 mm to the right of the vertical reference line.
- 4 Repeat this operation on the other side and on the vertical reference line, checking that the three marks are leveled.

Fix the wall plug:

- 1 Drill at the marked points (1) (2), using a $\Phi 10$ mm drill bit.
- 2 Insert the wall plugs into the holes (1) (2).

Choose the working mode

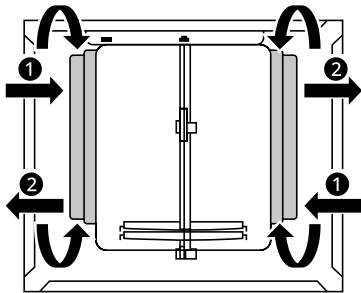
The range hood can be operated in recirculation or extraction-air mode. Extraction-air mode, the air is discharged out of the house by a pipe.

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

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

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



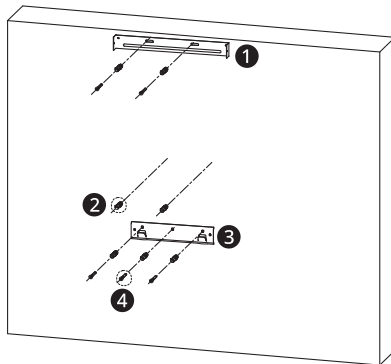
NOTE

- 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

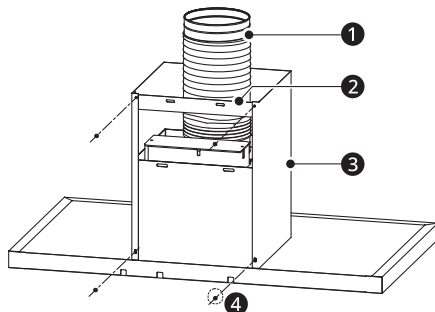
- 1 Remove the protective film from the decorative chimney and hood body.
- 2 Remove all metal grease filters using the handles provided. See MAINTENANCE chapter.
- 3 Fix the hood fixing bracket ❸ at mark point (2) and the chimney fixing bracket ❶ at mark point (1) with the wall plugs ❷ and screws ❹ to

the wall. Install 2 wall plugs ❷ on the wall for step 6.



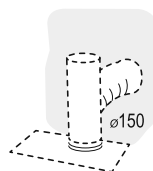
- ❷ Wall Plugs (7 ea)
- ❹ Screws ($\Phi 5$ mm x 50 mm, 5 ea)

- 4 Fix the exhaust pipe (only for extraction-air mode) ❶ and lower decorative chimney ❸ on the main body, connect the chimney fixing bracket ❷ and lower decorative chimney.

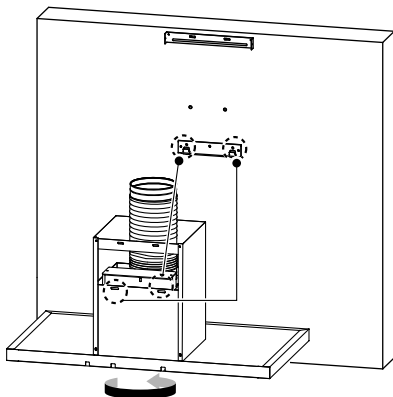


- ❹ Screws ($\Phi 4.2$ mm x 9.5 mm, 4 ea)

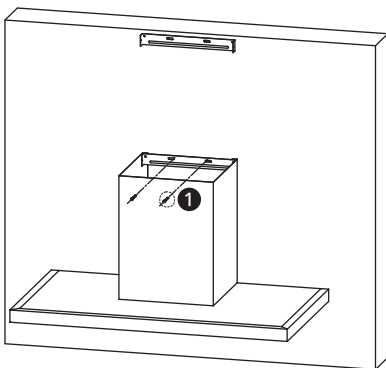
Fix the exhaust pipe in position using tapes. When installing the ducted version, connect the appliance to the chimney using either a flexible or rigid pipe $\Phi 150$ mm, the choice of which is left to the installer.



- 5** Hang the appliance on the hood fixing bracket.



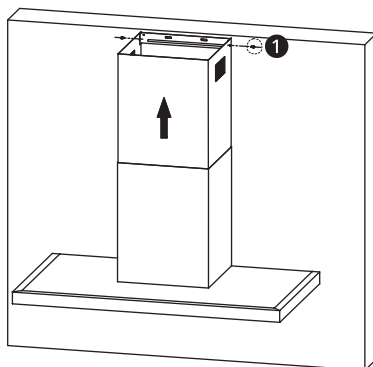
- 6** After connecting the exhaust pipe securely, fix the chimney fixing bracket with 2 screws **1** with prepared wall plugs to prevent the appliance from accidentally sliding off the hood fixing bracket.



- 1** Screws ($\Phi 5$ mm x 50 mm, 2 ea)

- 7** Connect the power cord.

- 8** Fit the upper decorative chimney with the outlet grill at the top.



- 1** Screws ($\Phi 4.2$ mm x 9.5 mm, 2 ea)

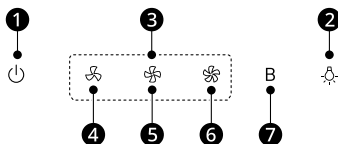
Electrical Connection

- This appliance must be earthed.
- This appliance is designed to be connected to a 220~240 V, 50/60 Hz AC electricity supply.
- The wires in the mains lead are coloured in accordance with the following code;
 - Green/yellow = Earth
 - Blue = Neutral
 - Brown = Live

OPERATION

Using the Appliance

Control Panel



① Power

- When you press the **Power** button, the appliance will turn on. At this time, a beep sound will be heard, the motor will run at low speed and the **Power** button, **Low Speed** ④ button and lamp LEDs will be on (power-on state). If you turn off the power while using the product, the appliance operates at the speed mode it was using when its next turned on.

② Light

- The **Light** button independently controls the lights free from the effect of other buttons.
- When you press this button once, a beep sound will be heard, the lights and the **Light** button LED will be on.
- When you press this button again, a beep sound will be heard, the lights and the **Light** button LED will be off.

③ Speed Selection

Depending on the effect of each button, the appliance will operate in one of three modes: low speed mode, middle speed mode, and high speed mode.

- ④ Low Speed
- ⑤ Middle Speed
- ⑥ High Speed

⑦ Boost

This appliance has a booster function (boost speed mode). To activate the booster, press **Boost** button while the appliance is in use and it will increase speed for 7 minutes, the boost speed will automatically revert to high speed after running for 7 minutes.

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 possible odours are extracted or minimized.

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

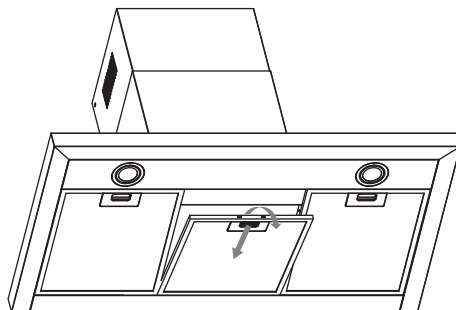
Cleaning the appliance

- 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.



The pictures in this manual are for reference only and may vary depending on the model.

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.

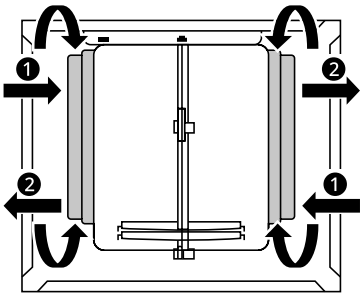
Cleaning Grease Filters manually

- 1 Observe the instructions of the cleaning agent manufacturer.

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- 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.

- 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 ①.



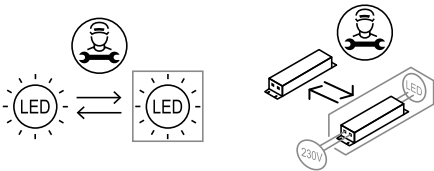
Cleaning the Control Panel

- 1 Observe the instructions of the cleaning agent manufacturer.
- 2 Clean using a damp sponge cloth and hot soapy water.
- 3 Dry with a soft cloth.

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.



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 ②.

Round/Diameter	70 mm
Max. Power	1.5 W
Voltage	DC 12 V
Picture	
Lamp Cap	-
ILCOS D code	DSR-1.5-S-70

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

After Sales Service (Egypt Only)

- Shelf Life Time : 6 Years

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- LG is committed to providing all spare parts of this appliance during the shelf life time.

Memo

