

# LG CordZero™

## OWNER'S MANUAL

### A9 S

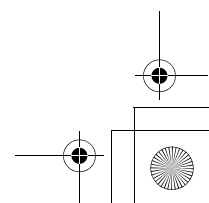
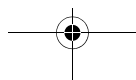
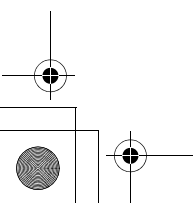
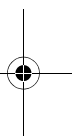
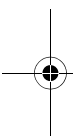
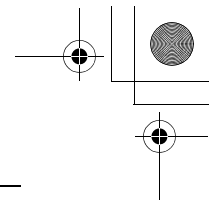
- Charge the battery fully before first use.
- Read the Safety Instructions before using the product.
- After reading this manual, keep it in an easily accessible location.



MFL69883639

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# TABLE OF CONTENTS

## 4 IMPORTANT SAFETY INSTRUCTIONS

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- 4 READ ALL INSTRUCTIONS BEFORE USE
- 4 WARNING STATEMENTS
- 8 CAUTION STATEMENTS

## 9 INSTALLATION

---

- 9 Product Overview
- 12 Installing the Charging Station
- 15 Storing the Accessories

## 16 OPERATION

---

- 16 Getting Started
- 18 Charging the Battery
- 18 Using the Nozzles and Tools

## 21 SMART FUNCTIONS

---

- 21 Using LG ThinQ Application
- 24 Smart Diagnosis™ Function

## 25 MAINTENANCE

---

- 25 Cleaning the Appliance
- 27 Cleaning the Nozzle

## 29 TROUBLESHOOTING

---

- 29 Before Calling for Service

## 31 LIMITED WARRANTY

---

- 31 USA

## 34 APPENDIX

---

- 34 U.S. Patent Protection

## 4 IMPORTANT SAFETY INSTRUCTIONS

# IMPORTANT SAFETY INSTRUCTIONS

## READ ALL INSTRUCTIONS BEFORE USE

### Safety Messages

**Your safety and the safety of others are very important.**

We have provided many important safety messages in this manual and on your appliance. Always read and follow all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or injure you and others. All safety messages will follow the safety alert symbol and either the word **WARNING** or **CAUTION**.

These words mean:



### **WARNING**

You may be killed or seriously injured if you do not follow instructions.



### **CAUTION**

You may be injured or cause damage to the product if you do not follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what may happen if the instructions are not followed.

## WARNING STATEMENTS

### **! 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.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Do not allow children to play with or hang on the appliance.
- Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Place the cords from other appliances out of the area to be cleaned.
- Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.

## Battery

- Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
- Never use the battery, adapter, and the charging station from other appliances with this appliance. Use only the battery and the charging station provided by LG Electronics.
- Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Never use the battery, adapter, and the charging station from this appliance with other appliances.
- Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- Do not disassemble, remove or short-circuit the battery.
- Have the battery replaced when it is no longer able to hold a charge.
- Refer to the **Charging the Battery** section instructions for the method of replacing the battery.
- When disposing of this appliance, follow regulations for disposal of rechargeable lithium-ion batteries.
- Follow all local ordinances and regulations when handling or disposing of the battery.
- Disconnect battery pack before cleaning or servicing.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing appliances that have the switch on invites accidents.
- Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery. If this happens, avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.

## Battery Specifications

- One or two batteries are provided. The number of batteries varies depending on the model purchased.
  - **Model Name:** EAC63382204
  - **Type:** Rechargeable Lithium-ion Battery
  - **Rated Capacity:** DC 25.2 V, 2.4 Ah/60.48 Wh(Min. 2.3 Ah/57.96 Wh)

## Installation

- To avoid an electrical shock or fire, do not install, charge or store the appliance where it may be exposed to water, rainfall or high humidity.
- Install, charge and store the appliance in a well-ventilated place.
- Avoid operating the appliance in areas where there is a risk of leakage of flammable gas, industrial oil or metallic dust.
- Do not store or install the appliance, power cord or plug near heating devices or open flames.
- Install the charging station on a firm, level surface.

## 6 IMPORTANT SAFETY INSTRUCTIONS

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- To prevent tipping, self-standing mode installations should be anchored to the wall using the provided stand anchoring screw, anchoring block and double-sided tape.
- In wall-mounted mode installations, the charging station should be secured tightly to the wall using the provided wall anchoring screws.
- Use the anchoring screws only when attaching to concrete or similar solid surfaces.
- Never drill into a wall without first checking that the area behind it is free from power conduits, plumbing, vents, or cables.
- Do not use or store the appliance at temperatures below 41 °F (5°C) or above 100 °F (38°C).
- Do not store or install the appliance where it is exposed to temperatures below freezing or exposed to outdoor weather conditions.
- When installing or moving the appliance, be careful not to pinch, crush, or damage the power cord or plug.

## Operation

- Read all instructions before using the appliance, and save these instructions.
- Use only as described in this manual. Use only manufacturer's recommended attachment.
- This appliance is designed for normal indoor domestic use only. It is not to be used for any non-residential, commercial, or industrial application.
- Do not use or store the appliance in any outdoor location, garage environment or on wet surface.
- This product should only be used with a 100 V - 240 V~ 50/60 Hz outlet. Make sure to check the power specifications of the place where you intend to use the appliance.
- Do not handle the power cord, plug, or appliance controls with wet hands.
- Wipe any moisture or dirt off the cord or plug with a dry cloth.
- Unplug the power cord using the plug, not the cord. Pulling on the cord can damage it and result in electric shock or fire.
- Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug. Take it to an authorized LG Electronics service center or dealer for assistance.
- Do not apply excessive force to the power cord to bend it, or place it under a heavy object as this will damage it.
- Do not use multiple-outlet adapters with this appliance. Make sure to use a power socket with a capacity of 10 A.
- Do not plug the appliance into a damaged or loose outlet.
- Make sure to unplug the power cord when the appliance is not to be used for an extended period of time.
- Do not damage, alter, excessively bend, twist, pull, pinch or heat the power cord.
- Before using the appliance, remove any wire or string on the floor.
- Avoid touching the prongs of the power plug with your finger(s) when unplugging the power cord.
- Do not cover the power cord with a rug or carpeting.
- Push the power plug firmly into the wall outlet so that it is not loose.
- If the product has been submerged, contact an LG Electronics service center or dealer for instructions before resuming use.
- If the product makes a strange noise or emits an odor or smoke, discontinue use and contact an LG Electronics customer information center.
- Only qualified technicians or service personnel from LG Electronics may disassemble, repair or modify the appliance.
- Never insert a sharp metallic object such as a pin, nail or knife in a hole or gap in the appliance or the charging station.

- Do not vacuum liquids with this appliance. Make sure that no water, beverage or detergent gets inside the appliance or the charging station.
- Do not allow the appliance to sweep up blades, thumb tacks, sawdust, sharp objects, or hot or cold ashes.
- Do not allow children to use the appliance.
- Do not let children or pets get close to the appliance when using, charging or storing.
- Do not insert the nozzle or tools in your mouth.
- Keep clothing and hair, fingers, or other parts of the body away from openings and moving parts.
- Do not operate the appliance with the suction inlet or outlet blocked.
- Do not use in an enclosed space where vapors are present from paint thinner, mothproofing substances, flammable dust or other explosive or toxic materials.
- Make sure that the filter is installed before use.
- Do not use with the dust bin opened.
- Do not touch the charging terminals on the appliance or the charging station, or insert an electrified object inside the appliance or the station.
- Always store the appliance on the self-standing or wall-mounted charging station when it is not in use.
- Do not lean the appliance on walls, chairs or tables.
- If the earth leakage breaker is tripped when the product is put on the charging station, immediately remove the appliance from the charging station. Contact an LG Electronics customer service center.
- Use extra care when cleaning on stairs.
- Do not use or store a heating device or flammable substance (ether, benzene, alcohol, chemicals, combustible sprays, insecticide, air freshener or cosmetics) in close proximity to the appliance.
- Do not attempt to clean up a liquid substance (water, beverage), odorous substances (candy, chocolate, pet excrement), metallic objects (blades, pins), flammable substances, surfactants, or glass shards with this appliance.
- In the event of a gas leak (natural gas, propane gas, etc.) do not operate this or any other appliance. Open a window or door to ventilate the area immediately.
- Do not hold the charging station upside down with the battery in the charging station.
- Do not expose the appliance, and the battery in particular, to heat, a heating device or direct sunlight.
- Do not keep the appliance or its battery inside a vehicle which is exposed to direct sunlight.
- Never allow any water, beverage or detergent to get inside the battery.
- Do not apply physical impacts to the battery.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without dust bag and/or filters in place.

## Maintenance

- Make sure to unplug the power cord when cleaning or maintaining the charging station.
- Do not wash the inlet port or the dust bin with water or detergent.
- Do not use detergents, polishes or air fresheners to clean the dust bin.
- Do not apply or spray a flammable substance (gasoline or thinner) or surfactants (detergent or bath soap) on the appliance.
- Wash hands after handling nozzles. The nozzles contain carbon fiber, and contact may cause minor skin irritation.

## 8 IMPORTANT SAFETY INSTRUCTIONS

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### Disposal

- Keep packing materials out of the reach of children. Packaging materials can pose a suffocation risk for children.
- Destroy the carton, plastic bag, and other packing materials after the appliance is unpacked. Children might use them for play. Cartons covered with rugs, bedspreads, or plastic sheets can become airtight chambers.
- Dispose of this appliance according to local, state, and regional laws and regulations.
- Contact your local city council or the related government authority before disposing of this appliance.
- In case rechargeable battery is included in this product, the entire device should be recycled in compliance with rechargeable battery recycling standards because of the internal battery. To dispose of properly, call (800) 822-8837 or visit [www.call2recycle.org](http://www.call2recycle.org).

## CAUTION STATEMENTS

### **⚠ 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:

### Operation

- This appliance has a built-in safety device to prevent damage from overheating. If the appliance becomes overheated after extended use, it may automatically turn off. If this occurs, leave the appliance in a cool, well-ventilated area for about an hour before turning on the power again.
- Do not subject the product to shocks or drop it.
- Secure the appliance in the charging station when not in use, to avoid it falling over.
- Do not install wet or damp filters.
- Make sure to wipe up any liquid such as water or oil or pet excrement from the floor before using the appliance.
- Do not clean the product with a volatile or organic solvent (thinner or acetone).
- Always use a soft cloth to clean the appliance.
- Remain aware of your surroundings while using the appliance to avoid colliding with people or animals.
- Do not kick or apply force to the appliance.
- Do not put any object other than the appliance, especially a metallic or magnetic object, on the charging station.
- Do not clean the same spot repeatedly for an extended period of time.
- Vibration from the inlet port or rotating brush may damage the floor or the carpet.
- Keep fingers away from pinch points when assembling the appliance or the charging station.
- Do not let a child or a pet hang onto the charging station.
- Follow all applicable state and local codes and regulations when installing the mounting station.
- Do not use the double-sided tape to anchor the charging station on wallpaper. Use the provided screws to anchor the charging station. The weight of the charging station and the appliance could damage the paper.
- Do not apply force or any impact to the cyclonic mesh filter.
- Do not remove the battery during operation.

**SAVE THESE INSTRUCTIONS**



# INSTALLATION

## Product Overview

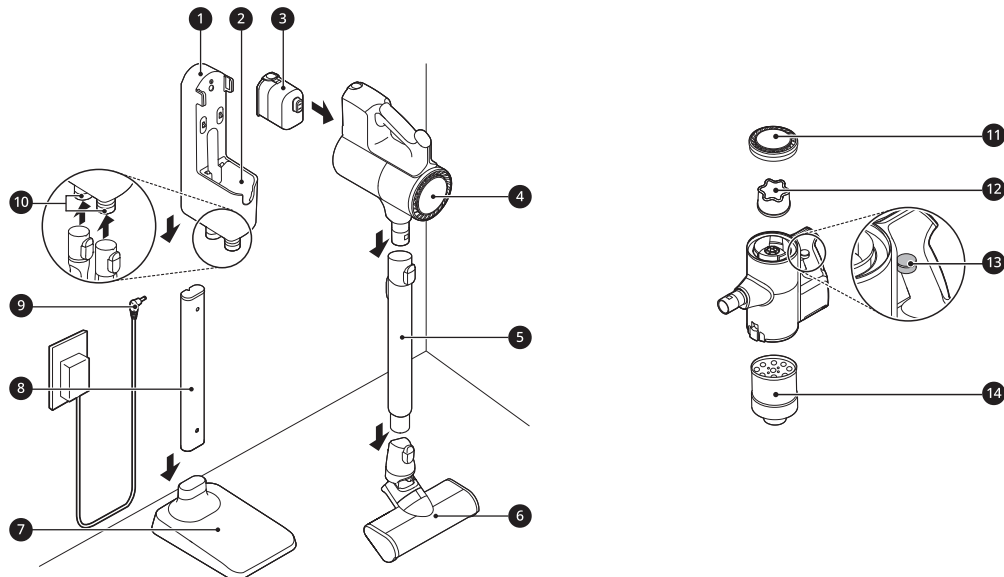
The images in this guide may be different from the actual components and accessories, which are subject to change by the manufacturer without prior notice for product improvement purposes.

### NOTE

- For your safety and for extended product life, use only authorized components. The manufacturer is not responsible for product malfunction, property damage or bodily injury caused by the use of separately purchased unauthorized components, parts, or non-LG products.
- The floor stand dock and floor stand pipe are not installed in wall-mount installation.

### Front View

†: This feature is only available on some models.



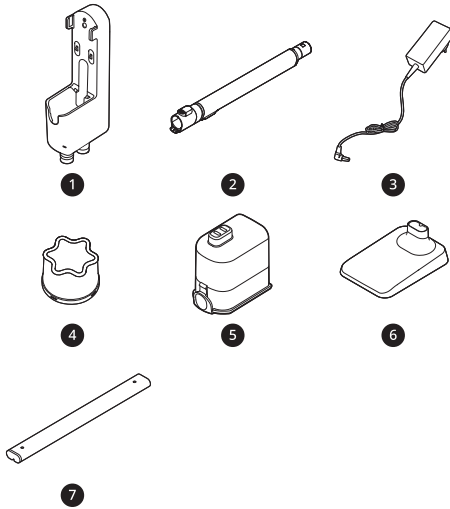
- |                              |                        |
|------------------------------|------------------------|
| ① Charging Station           | ⑪ Exhaust Filter       |
| ② Auxiliary Charging Station | ⑫ Pre-filter           |
| ③ Battery (Dual Battery†)    | ⑬ Kompressor Lever     |
| ④ Product Body               | ⑭ Cyclonic Mesh Filter |
| ⑤ Extension Pipe             |                        |
| ⑥ Nozzle                     |                        |
| ⑦ Floor Stand Dock           |                        |
| ⑧ Floor Stand Pipe           |                        |
| ⑨ Adapter                    |                        |
| ⑩ Tool Holders               |                        |

## 10 INSTALLATION

### Accessories

†: This accessory is only available on some models.

#### Included Accessories



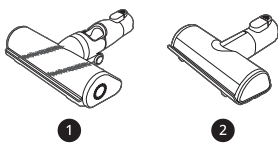
- 1 Charging Station
- 2 Extension Pipe
- 3 Adapter
- 4 Pre-filter
- 5 Battery (Dual Battery†)
- 6 Floor Stand Dock†
- 7 Floor Stand Pipet

#### Basic Accessories



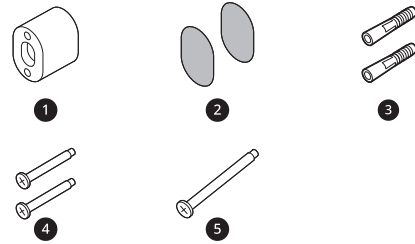
- 1 Combination Tool
- 2 Crevice Tool
- 3 Cleaning Brush

#### Nozzles



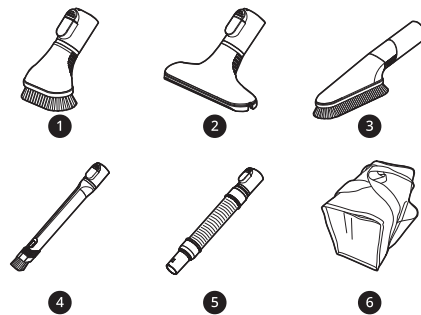
- 1 Power Carpet Nozzlet
- 2 Power Punch Nozzlet

### Installation Kit



- 1 Wall Anchoring Block†
- 2 Double-Sided Tape†
- 3 Drywall Anchort
- 4 Wall Anchoring Screw†
- 5 Stand Anchoring Screw†

### Tools and Accessory Bag



- 1 Hard Dirt Tool†
- 2 Mattress Tool†
- 3 Multi-angle Tool†
- 4 Flexible Crevice Tool†
- 5 Flexible Hose Extension†
- 6 Accessory Bag†

#### NOTE

- The batteries, exhaust filter and the pre-filter will eventually need to be replaced. Contact an LG Electronics customer service center.

## Specifications

### Appliance

<b>Model</b>	A9*****	
<b>Dimensions (Width X Depth X Height)</b>	10.2 in X 10.6 in X 44.1 in 260 mm X 270 mm x 1120 mm	
<b>Weight</b>	Approximately 5.67 lb (2.57 kg)	
<b>Power Consumption</b>	370 W in <b>Turbo</b> Mode (Maximum 590 W) 120 W in <b>Power</b> Mode 68 W in <b>Normal</b> Mode	
<b>Battery Run Time (Using two battery)</b>	<b>Using with the Power Drive Nozzle</b> Up to 12 minutes in <b>Turbo</b> Mode Up to 40 minutes in <b>Power</b> Mode Up to 80 minutes in <b>Normal</b> Mode	<b>Using Nozzles other than the Power Drive Nozzle</b> Up to 14 minutes in <b>Turbo</b> Mode Up to 60 minutes in <b>Power</b> Mode Up to 120 minutes in <b>Normal</b> Mode
<b>Battery Run Time (Using one battery)</b>	<b>Using with the Power Drive Nozzle</b> Up to 6 minutes in <b>Turbo</b> Mode Up to 20 minutes in <b>Power</b> Mode Up to 40 minutes in <b>Normal</b> Mode	<b>Using Nozzles other than the Power Drive Nozzle</b> Up to 7 minutes in <b>Turbo</b> Mode Up to 30 minutes in <b>Power</b> Mode Up to 60 minutes in <b>Normal</b> Mode

### Charger Adaptor

<b>Model</b>	ADC-30FSA-30 29430EPCU
<b>Input</b>	100 V - 240 V~, 50/60 Hz, 0.8 A
<b>Output</b>	DC 29.4 V, 1.0 A

- Dimensions are given for the assembled product body, extension pipe and nozzle.
- Battery run time is the result of using a fully charged battery according to the LG Electronics test standard. Results may be different depending on actual use environment and period of use.
- The Power Drive Nozzle contains the direct drive motor that rotates the nozzle cleaning head directly.

## 12 INSTALLATION

### Installing the Charging Station

#### ⚠ WARNING

- To prevent tipping, self-standing mode installations should be anchored to the wall using the provided stand anchoring screw, anchoring block and double-sided tape.

#### ⚠ CAUTION

- Do not allow children or pets to hang onto the charging station. They could be injured or cause damage to the appliance.
- Take care not to drop the product parts while unpacking them to avoid appliance damage or personal injury.
- Do not use double-sided tape to attach the charging station to wallpaper. The weight of the charging station and the product body could damage the paper.
- Use the stand anchoring screw on concrete or solid walls. If the appliance is not anchored securely and falls, it could result in damage to property or the product.

#### NOTE

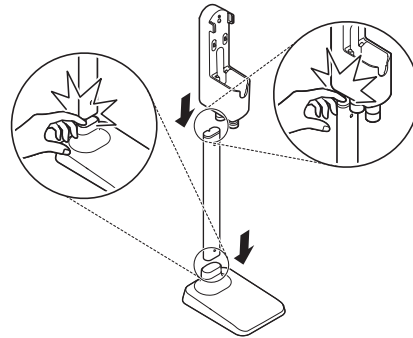
- Once assembled, the floor stand dock and the floor stand pipe cannot be disassembled.
- The cost of a service call to install or reinstall the charging station is not covered under the warranty.

### Self-Standing Installation

Follow the steps below to install the charging station on a hard and level floor.

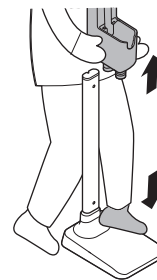
#### ⚠ CAUTION

- Keep fingers away from pinch points when assembling the appliance or the charging station.

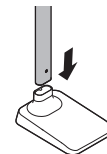


#### NOTE

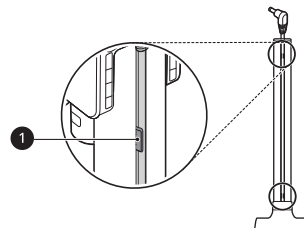
- The charging station can be removed as needed. To remove it, hold the floor stand dock steady and pull up on the charging station.



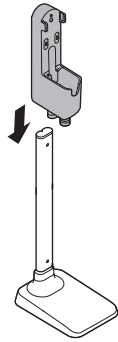
- Place the floor stand dock on a hard and level floor and assemble the floor stand pipe.



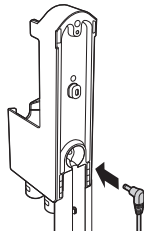
- Clip the power cord tidily into the cord keeper ❶ on the back of the floor stand pipe.



- 3** Assemble the charging station onto the top of the floor stand pipe.

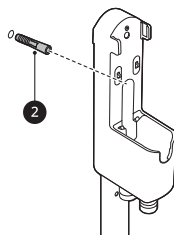


- 4** Connect the power adapter to the port on the back of the charging station.

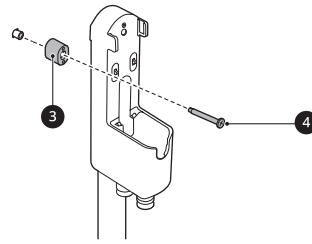


- 5** Drill a hole in the wall and insert the drywall anchor **2** if needed.

- Before drilling, make sure that there are no pipes or electrical wires inside the wall at the desired location.
- For drywall anchor: use 1/4" (6.5 mm) drill bit
- For concrete or wall stud: use 1/8" (3 mm) drill bit
- If screwing into drywall, use the drywall anchor.



- 6** Align the wall anchoring block **3** of the charging station, and fix the charging station to the wall by tightening the anchoring screw **4** all the way.

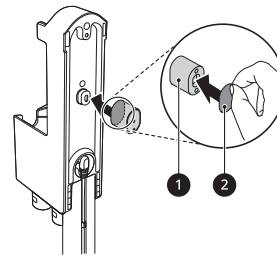


- 7** Plug the power cord into the power outlet.

### Using Double-Sided Tape to Secure the Appliance

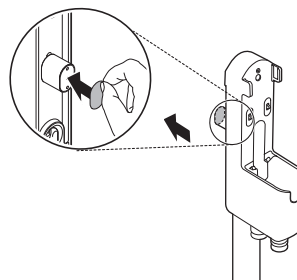
- 1** Use the double-sided tape **1** to attach the wall anchoring block **2** to the charging station.

- Remove the center section of double-sided tape before attaching it to the wall anchoring block.



- 2** Attach the second piece of double-sided tape to the other side of the wall anchoring block to secure it to the wall.

- Do not use double-sided tape on wallpaper.

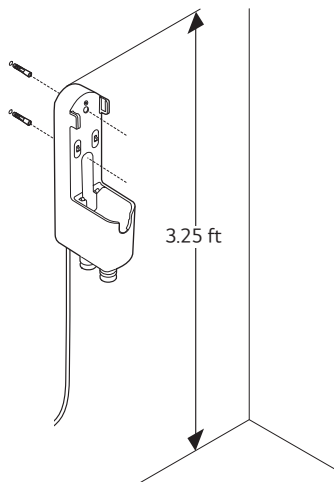


## 14 INSTALLATION

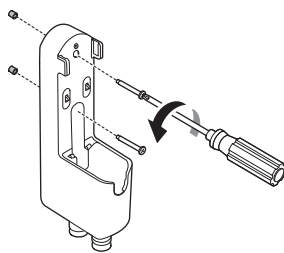
### Wall-Mounted Installation

For wall-mounted installations, the charging station must be attached securely to the wall using the provided (short) wall anchoring screws.

- The detachable nozzle storage cannot be attached to the charging station in a wall-mounted installation.
- 1 Connect the power adapter to the port on the back of the charging station.
  - 2 Drill 2 holes and insert the drywall anchors (if needed) at least 3.25 ft (1 m) from the floor and near enough to easily reach a power outlet.
    - Before drilling, make sure that there are no pipes or electrical wires inside the wall at the desired location.
    - For drywall anchor: use 1/4" (6.5 mm) drill bit
    - For concrete or wall stud: use 1/8" (3 mm) drill bit
    - If screwing into drywall, use the drywall anchors.



- 3 Attach the charging station to the wall with the wall anchoring screws.

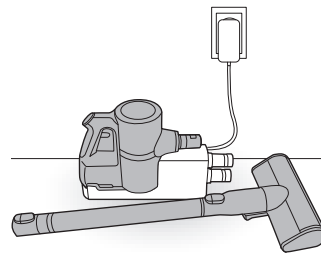


- 4 Plug the power cord into the power outlet.

### Compact Installation

For safety and convenience, install the charging station using the self-standing or wall-mounted installation methods. If you choose not to install the charging station, place it on a level floor for charging or storage.

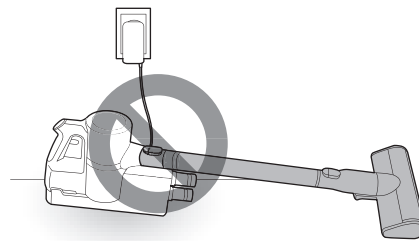
- 1 Connect the power adapter to the port on the back of the charging station.
- 2 Place the charging station on a hard and level floor.
- 3 Separate the extension pipe and nozzle from the product body before charging or storing the appliance.



- 4 Plug the power cord into the power outlet.

#### ⚠ CAUTION

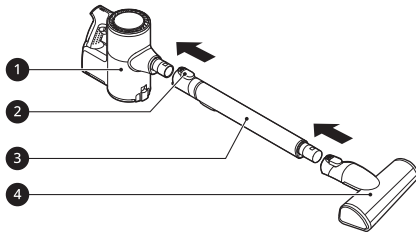
- Leaving the appliance on a level floor for a long time with the extension pipe and nozzle attached may damage the appliance.



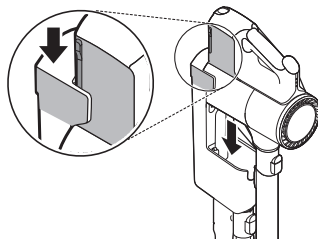
## Assembling the Appliance

Follow these steps to safely assemble the appliance.

- 1 Firmly attach the extension pipe ③, nozzle ④, or tool onto the product body ①.
  - To detach the extension pipe, press the extension pipe release button ②.



- 2 Put the product body on the charging station.
  - See **Charging the Battery** for instructions on installing and charging the battery.

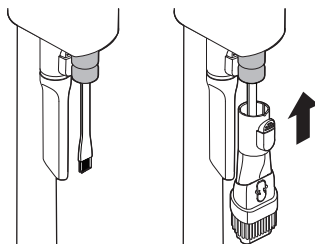


## Storing the Accessories

### Storing the Tools

Store the frequently used tools such as the combination tool, crevice tool and cleaning brush at the bottom of the charging station.

- Slide the cleaning brush up into the tool holder.
- Slide the combination tool over the cleaning brush and onto the tool holder.
- To remove a tool, press the release button at the front of the tool.



## Storing in the Accessory Bag

If the accessory bag is included in the model you purchased, you can store the tool in the accessory bag.

### CAUTION

- Do not store the product body or battery in the accessory bag. If the appliance or battery are damaged, it could cause an explosion or fire.
- Do not throw or drop the accessory bag containing accessories. It may damage the appliance or cause personal injury.

### NOTE

- Do not use the accessory bag for purposes other than for storage of nozzles or tools.

## 16 OPERATION

# OPERATION

## Getting Started

### Before Using the Appliance

- Make sure that the exhaust filter and pre-filter are properly assembled before using the appliance.
- Close the dust bin cover properly before using the appliance. If the dust bin cover is left open, the suction strength may deteriorate and affect the cleaning performance.
- This appliance has a built-in safety device to prevent overheating. If the appliance becomes overheated after extended use, it may automatically turn off. If this occurs, leave the appliance in a cool, well-ventilated area for about an hour before turning on the power again.
- Make sure to remove any foreign object such as a sock or stocking before using the appliance. Any foreign object on the inlet port or extension pipe will prevent the appliance from functioning properly.
- Environmental conditions such as temperature and humidity may cause static electricity to accumulate on the appliance. Please contact LG Electronics customer information center if the problem persists.
- Please use the product at normal room temperatures as the battery runtime may deteriorate severely if used at temperatures lower than 41 °F (5°C) or higher than 100 °F (38°C) for an extended period of time.
- Do not use the appliance to suck up oils or any liquids, including water.
- Support the bottom of the appliance when cleaning an elevated surface.
- Store the appliance in the charging station or place it flat on the floor when not in use. Leaning the appliance against a wall or chair can result in product damage or personal injury if the appliance falls.
- To avoid scratches on polished floors, keep the brushes of the nozzles and tools free from grit, sand, or abrasive objects.
- Refer to the **Specifications** section for battery runtime details.
- The battery runtime is dependent on the surface type and the suction power.
- Follow manufacturer's recommendations when cleaning flooring, carpets, and rugs.

- Do not use tools to clean a TV, monitor or LCD display as they may scratch these surfaces.

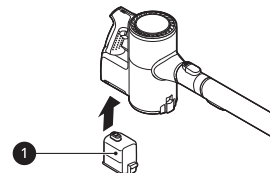
### Assembling Attachments

Nozzles and tools can be attached to either the product body or the end of the extension pipe.

#### ⚠ CAUTION

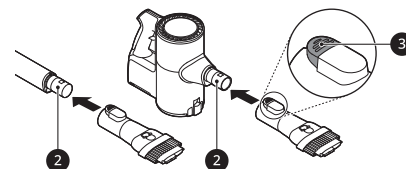
- Running the appliance for a long period of time with a tool connected may cause the motor to overheat.
- This appliance has a built-in safety device to prevent overheating. If the appliance becomes overheated after extended use, it may automatically turn off. If this occurs, leave the appliance in a cool, well-ventilated area for about an hour before turning on the power again.
- Do not use the Kompressor lever while the appliance is running. Doing so may cause product damage.

- 1 Insert the fully charged battery ① into the cavity at the bottom of the handle on the product body.



- 2 Attach the nozzles, tools, or extension pipe by sliding them onto the inlet ② on the body until they click into place. The nozzles and tools can also be attached to the end of the extension pipe ②.

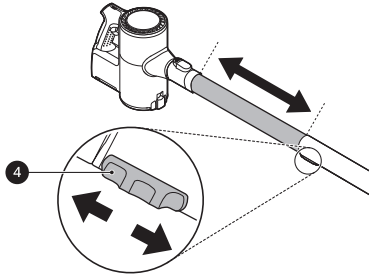
- Detach the accessories by pressing the release button ③.





- 3** Adjust the extension pipe by pressing the length adjustment button **4** on the back of the pipe and sliding until it clicks into place at the desired length.

- The extension pipe extends in four steps.

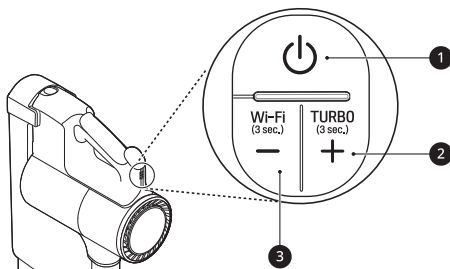


- 4** Press the **Power** button to activate the **Normal** mode.

- To turn off the appliance, press the **Power** button again.

## Adjusting the Suction Power

Adjust the suction power using the suction power adjustment button on the handle.



### 1 Power Button

- Press the **Power** button to turn the appliance on or off.
- Press the **Power** button to activate **Normal** mode.

### 2 Suction Power Up (+) Button / Turbo Mode

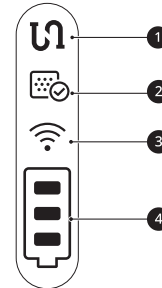
- Press the + button to increase the suction power. (**Normal**→**Power**→**Turbo**)
- Press and hold the + button for more than 3 seconds to activate **Turbo** mode from **Power** mode.

### 3 Suction Power Down (-) Button / Wi-Fi Mode

- Press the - button to decrease the suction power. (**Turbo**→**Power**→**Normal**)
- Press and hold the - button for 3 seconds to activate Wi-Fi and connect the appliance in the **LG ThinQ** application.

## Display

The handle of the appliance displays indicators for clogged objects, filter cleaning alerts, appliance connection status, and the remaining battery charge.



### 1 Clogged Objects Indicator

- This indicator lights up when the interior of the product body, extension pipe, inlets, nozzle, exhaust filter, pre-filter, or cyclonic mesh filter is clogged with foreign objects.
- If clogging persists, the motor will cycle and the appliance will shut off. Remove the foreign objects and clean the exhaust filter, pre-filter and cyclonic mesh filter following the steps in the **Removing Foreign Objects** section.

### 2 Filter Cleaning Cycle Alarm Indicator

- This indicator lights up when the appliance is used for a certain period of time. Clean the exhaust filter, pre-filter and cyclonic mesh filter if necessary.

### 3 Wi-Fi Indicator

- This indicator blinks when the appliance is connecting to the **LG ThinQ** application or home Wi-Fi network, and the indicator lights up when the connection is complete.

### 4 Battery Level Indicator

- The remaining battery level is displayed in 3 stages according to the remaining battery power.
- The battery level indicator blinks when the battery needs to be charged.
- As the product is charging, bars light up on the battery level indicator to indicate the level of charge.
- Once the battery is fully recharged, 3 bars will remain lighted on the battery level indicator.

## 18 OPERATION

# Charging the Battery

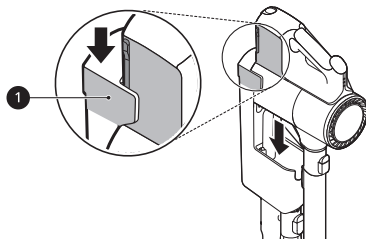
## Before Charging the Battery

- Make sure that the adapter is connected to both the charging station and the power outlet.
- Fully charging a single battery usually takes about 4 hours. It will take twice as long to charge both the main and auxiliary batteries.
- The battery will not be charged if the indoor temperature is below 41 °F (5°C). Only charge the battery when indoor temperatures are between 41 °F (5°C) and 100 °F (38 °C).
- The battery will eventually need to be replaced. Due to the battery characteristics, runtime is shortened after using the appliance repeatedly for an extended period.
- The last bar on the battery indicator begins to blink when the battery needs to be recharged. Use the appliance with a fully charged battery.
- If the main battery is charging on the charging station, the auxiliary battery will only start charging once the main battery is fully charged.
- To maintain battery life on dual-battery models, swap the positions of the two batteries periodically, between the main body and the auxiliary charging station.

## Charging the Product Body

Storing the appliance on the charging station automatically recharges the battery.

- 1 Press the **Power** button to turn the appliance off.
- 2 Put the product body onto the charging station by aligning it to the hook ❶ of the charging station.
  - The battery level indicator starts to blink and begins charging the battery.
  - If you don't hear a beep, reload the appliance on the charging station.



### ⚠ WARNING

- Make sure to securely fit the product body onto the charging station. If the appliance falls off the charging station, it could cause injuries, property damage or product damage.

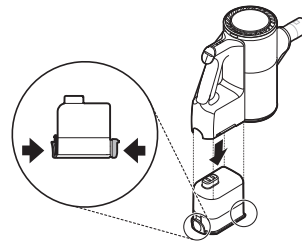
## Charging the Auxiliary Battery

An auxiliary battery can be stored and charged in the base of the charging station.

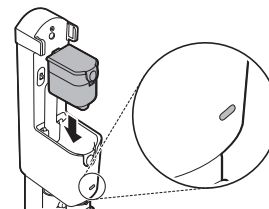
### ⚠ CAUTION

- Keep fingers away from pinch points when assembling or disassembling the battery from the product body or the charging station to avoid personal injury.

- 1 Remove the discharged battery from the product body by pressing the battery release button on either side of the battery and pulling.



- 2 Insert the discharged battery into the auxiliary charging station.
  - The battery will only fit into the cavity if aligned properly.
  - The auxiliary charging indicator blinks while recharging is in progress.
  - The auxiliary charging indicator lights up when charging is complete.



## Using the Nozzles and Tools

Some accessories are only available on some models.

Specialized attachments can help you clean more effectively. Tools and nozzles can be attached to the product body or the extension pipe.

- Adjust the suction power if the inlet gets stuck on the floor, carpet, or bedding.
- Each Power Drive Nozzle (Power Carpet or Power Punch) is equipped with a motor and may make a sound when operating.

### ⚠ CAUTION

- Do not use Power Floor Nozzle or Power Carpet Nozzle on PVC or polyurethane mats for infants and children. The mat may stick to the nozzle, making it difficult to operate, causing damage to the mat or static electricity on the appliance. Clean mats using the crevice tool.

### Power Carpet Nozzle

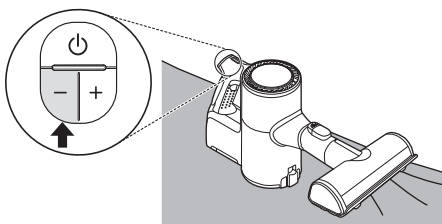
Use this nozzle to clean carpets or rugs.

- If used on hard flooring, this nozzle will be noisy.

### Power Punch Nozzle

This nozzle lets you clean sheets and bedding more effectively. It removes dust in bedding using strong suction and a punching motion.

- Lower the suction level when vacuuming bedding such as duvet covers to avoid the thin fabric getting sucked into the nozzle.

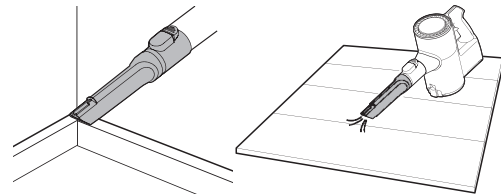


### Crevice Tool

Use this tool to remove dust from corners or narrow spaces.

- Use it for areas with static electricity such as mats.

- Use it with the **Turbo** mode to clean pet hair out of furniture, mats, or tight areas like corners.

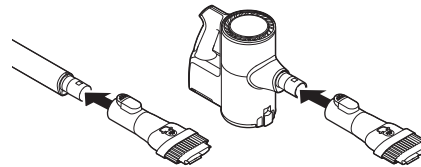


### Combination Tool

Can be used in either crevice mode or brush mode for cleaning corners or small gaps where dust and dirt gather.

#### • Crevice Mode

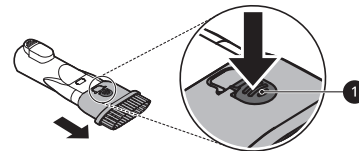
Use the tool in the crevice mode to clean flat surfaces such as sofas or mattresses.



#### • Brush Mode

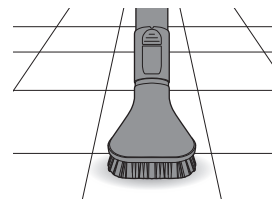
Use the tool in the brush mode to clean delicate surfaces such as frames or furniture.

- To convert modes, press the adjustment button ① and push forward.



### Hard Dirt Tool

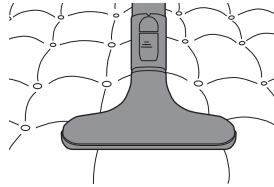
Firm bristles remove solidified dirt from hard surfaces. Clean up hair or foreign objects that are entangled in carpets or rugs.



## 20 OPERATION

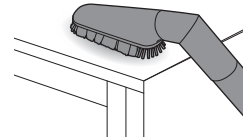
### Mattress Tool

Use this tool to clean up dust and foreign objects from mattresses, delicate fabrics, and upholstery.



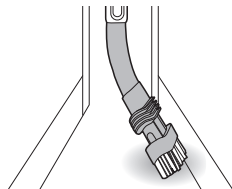
### Multi-angle Tool

This tool has a soft brush that can be adjusted to a variety of angles, making it especially useful for cleaning vehicle consoles or the tops of furniture.



### Flexible Crevice Tool

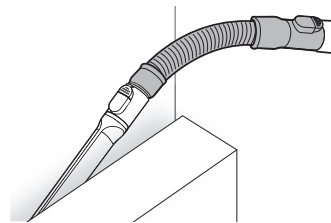
This tool is flexible and its length can be adjusted, making it especially useful for cleaning inside vehicles or in narrow spaces under and behind furniture where an angled tool is needed.



### Flexible Hose Extension

Connect this flexible, extendable hose between the product body and the tools to clean hard to reach areas.

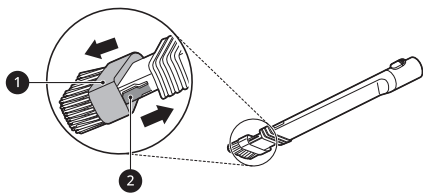
- The flexible hose extension cannot be used with the Power Drive Nozzle.



### Using the Brush

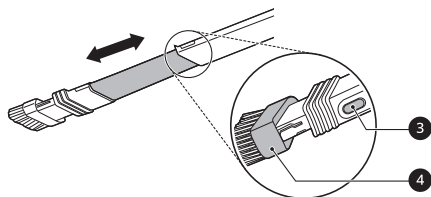
To convert the tool from crevice to brush mode, press in on the sides of the brush head ① and pull the brush down.

- To convert back to the crevice mode, press in on the brush release button ② and slide the brush up.



### Adjusting the Length

To adjust the length of the tool, press and hold the release button ③ on the side of the tool. Pull or push on the brush head ④ to extend or retract the extension tube.





### Using the Kompressor Lever

Use the Kompressor lever to compress hair and fibers inside the dust bin after vacuuming and before emptying the dust bin.

- The vacuum must be turned off before using the Kompressor lever.
- Compressing the dust clears it off the interior walls of the dust bin and allows you to vacuum for longer periods before emptying the dust bin. It also makes cleaning the dust bin easier and less messy.
- The dust bin must be at least half full for the compression plate to be effective.
- Press the Kompressor lever down several times to compress the dust and clean off the interior walls of the dust bin.

# SMART FUNCTIONS

## Using 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

- **Cleaning History**
  - Shows the cleaning history, such as monthly cleaning time, cleaning frequency, and cleaning mode, etc.

#### NOTE

- Assembled suction tool is displayed on the screen during cleaning.
- A notification is displayed on the screen if the pre-filter and the exhaust filter need cleaning.

#### • Filter Cleaning Cycle Alarm

- After using the appliance for a certain period of time, a notification is displayed on the screen of your smartphone. Clean the exhaust filter or pre-filter, if necessary.

#### • Cleaning Mode

- The cleaning mode you are using is displayed on the screen of your smartphone.

#### • Filter Cleaning Guide

- Guide to cleaning the filters.

#### • Smart Diagnosis™

- This function provides useful information for diagnosing and solving issues with the appliance based on the pattern of use.

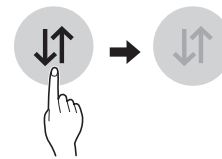
#### NOTE

- If you change your wireless router, Internet service provider, or password, delete the connected appliance from the **LG ThinQ** application and connect 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.

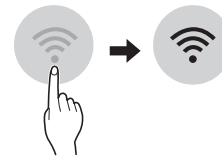
## Before Using LG ThinQ Application

- 1 Use a smartphone to check the strength of the wireless router (Wi-Fi network) near the appliance.
  - If the appliance is too far from the router, the signal becomes weak. It may take a long time to register or fail 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 the  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 may not connect or the connection may be interrupted because of the home network environment.

## 22 SMART FUNCTIONS

### NOTE

- If 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**, network setup may fail. Change the security protocol (**WPA2** is recommended), and connect 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.

### Connecting the Appliance to LG ThinQ

#### Wi-Fi Indicator Status

Indicator Status	Description
Blinking	The appliance is connecting.
ON	The appliance has finished connecting. The appliance is connected to Wi-Fi.
OFF	The appliance has been disconnected.

#### Connecting the Appliance Initially

Select your appliance on menu by pressing the **Add a Product (+)** button. Follow instructions in the **LG ThinQ** to connect your appliance.

#### Connecting Additional Users

Remove the appliance from the charging station. Follow the instructions under **Connecting the Appliance Initially**.

### NOTE

- The usage history will be reset if you delete a connected appliance in **LG ThinQ**.
- If the Wi-Fi signal is weak, the appliance may be temporarily disconnected to the application. When the Wi-Fi signal moves to the normal position, the appliance is connected to the application again.


### Turning Wi-Fi On/Off on the Appliance

#### Disconnecting from Wi-Fi

To save energy, turn off the Wi-Fi function by pressing the **Wi-Fi** button for 3 seconds while the appliance is charging on the charging station.

#### Reconnecting to Wi-Fi

Follow the steps below on the appliance.

- 1 Press and hold the **Wi-Fi** button for 3 seconds until the  icon blinks in the display.
- 2 Press the **Wi-Fi** button for 3 seconds again.
  - After the icon turns off, wait for a while and turn it on again.
  - The time before the icon turns on may vary depending on the network environment.

### Wireless LAN Module Specifications

<b>Model</b>	LCW-007
<b>Frequency Range</b>	2412 - 2462 MHz
<b>Output Power (Max)</b>	< 30 dBm

### FCC Notice

The following notice covers the 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 into 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.

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 co-located 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.

## Supplier's Declaration of Conformity

Trade Name	LG
Responsible Party	LG Electronics USA, Inc.
Address	1000 Sylvan Ave Englewood Cliffs, NJ 07632
Email	lg.environmental@lge.com

ENGLISH

## Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit <http://opensource.lge.com>. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

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](mailto: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.

## 24 SMART FUNCTIONS

### Smart Diagnosis™ Function

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.

- 1** Put the product body on the charging station.
- 2** Launch the **LG ThinQ** application on your smartphone.
- 3** Select the connected product on your screen.
- 4** Press the menu button on the upper right corner of the screen and select the **Smart Diagnosis** feature.
- 5** Press the **Start** button to begin diagnosing the appliance.
- 6** Press the **Finish** button to complete the diagnosis process.



# MAINTENANCE

## Cleaning the Appliance

### Before Cleaning the Appliance

To maintain the optimum suction power, the cyclonic mesh filter, the exhaust filter and the pre-filter should be cleaned regularly and washed under running water at least once a month.

- Turn off the power before cleaning the appliance.
- The frequency of cleaning varies depending on the usage environment and usage time. In a dusty environment, clean frequently.

#### **⚠ WARNING**

- Never wash the Power Drive Nozzle, rotating brush or product body with water. Water could reach the motor and cause electric shock or fire.
- Do not allow foreign objects to enter the motor. Doing so may cause electric shock, fire or product damage.
- Do not insert fingers or sharp objects into the motor. Doing so could cause product damage, personal injury or electric shock.

#### **⚠ CAUTION**

- Do not apply force or allow impacts to the cyclonic mesh filter. Doing so could deform the filter, compromise product performance, or cause the product to malfunction.
- If the Kompressor lever does not return to the top, remove the cyclonic mesh filter from the dust bin and clean it. A clogged or dirty filter may cause poor product performance.

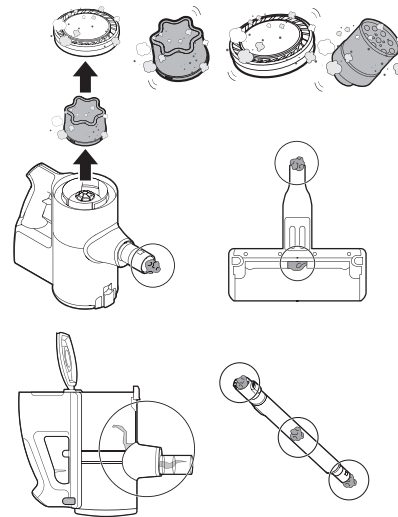
### Removing Foreign Objects

If the appliance is clogged with foreign objects, the suction power changes, the motor cycles repeatedly, and the foreign objects clogging alarm icon blinks.

If clogging persists, the appliance will turn off automatically to prevent damage. Separate the battery from the product body and remove the foreign objects before resuming use of the appliance.

- Check the inside of the product body, above the Kompressor working plate, the extension pipe, inlets, exhaust filter, pre-filter and cyclonic mesh filter for foreign objects.

- If the inlets are not completely blocked, the foreign objects clogging alarm indicator may not light up.
- If the sound of the appliance becomes loud or the cleaning performance is poor, check for foreign objects.



### Cleaning the Dust Bin

Empty and clean the dust bin after every use.

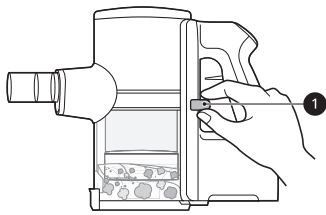
- If the dust bin is completely full of dust or the filter is clogged, the suction power may be reduced.

#### **⚠ CAUTION**

- Do not use the appliance without the cyclonic mesh filter installed. Doing so could damage the appliance.

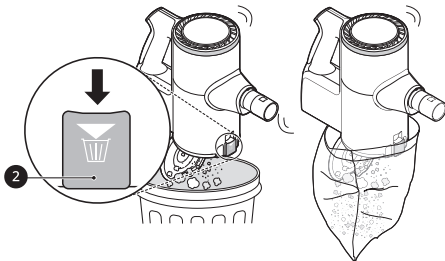
- 1 Remove the battery from the product body before cleaning the dust bin.
- 2 Push down the Kompressor lever **1** several times to collect and compact the dust from the outside of the cyclonic mesh filter and the interior walls of the dust bin.
  - Foreign objects which become lodged in the cyclonic mesh filter may be difficult to dislodge with the Kompressor lever. Remove the cyclonic mesh filter and use the provided cleaning brush to clean it.

## 26 MAINTENANCE



**3** Press the dust bin cover release button **2** to open the dust bin cover. Shake the dust bin to empty it.

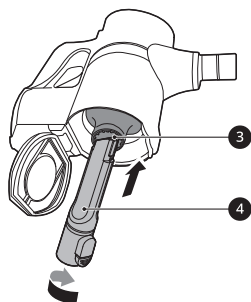
- Be careful as dust or foreign objects may spill out when opening the dust bin. Empty the dust bin into a wastebasket or where dust and foreign objects can be easily removed.
- The dust bin can be wrapped in a plastic bag to contain the dust when emptying the dust bin.



### **⚠ WARNING**

- If the Kompressor lever does not slide down smoothly, foreign objects may be trapped between the dust bin and the cyclonic mesh filter. Clean the dust bin and cyclonic mesh filter to avoid product damage.
- Do not force the Kompressor lever down if foreign objects are caught around the working plate of the Kompressor system. Doing so may cause product damage.

**4** Insert the crevice tool **4** into the cyclonic mesh filter **3** and turn it counterclockwise to remove the filter.



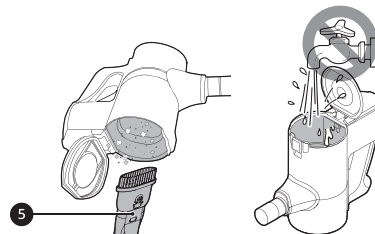
**5** Wash the cyclonic mesh filter under running water.

- To avoid odor and the malfunction of the motor, allow the cyclonic mesh filter to dry completely in a well-ventilated area out of direct sunlight for at least 24 hours before reassembling.



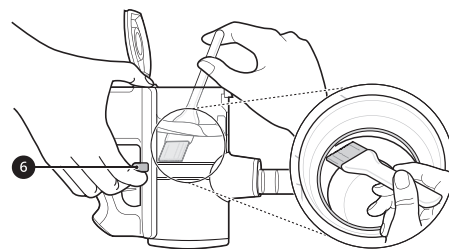
**6** Use the combination tool **5** to clean out dust or foreign objects inside the dust bin.

- Do not wash the product body or motor with water.



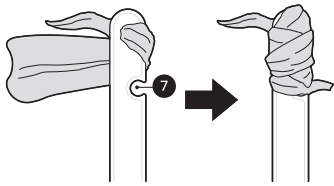
**7** Turn the product body over and lift the Kompressor lever **6** up to clean the inside of the working plate with the provided cleaning brush.

- Do not push the Kompressor lever down hard. The working plate may be damaged.

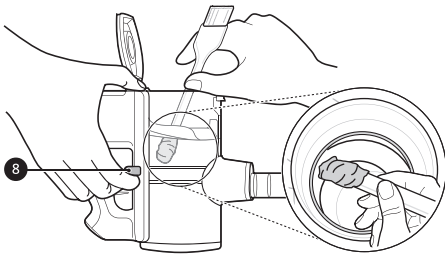


**8** Turn the product body over again and shake it while pressing down the lever to remove the dust.


**9** Wrap the provided cleaning brush with a wet paper towel, tucked into the slots **7** on the handle.



- 10** Turn the product body over, lift the Kompressor lever **8** up, and clean the inside of the working plate with the towel-wrapped brush handle.



### Cleaning the Filters

Clean the exhaust filter and the pre-filter when the filter cleaning icon  lights up.

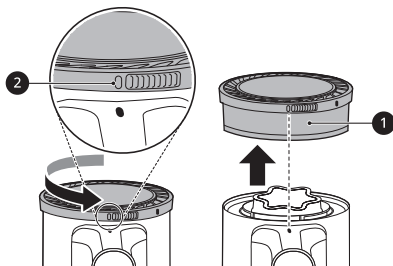
- Clean the filters more frequently if the appliance is used regularly or in areas with a lot of dust.

#### **⚠ CAUTION**

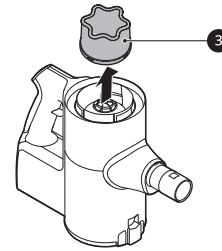
- Do not use the appliance without the exhaust filter and pre-filter installed. Doing so could result in product damage.

- 1** Remove the battery from the product body.

- 2** Rotate the exhaust filter **1** to the unlocked position **2** to separate it from the product body.

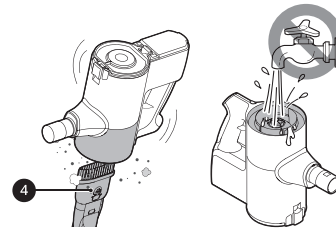


- 3** Lift out the pre-filter **3** from the product body.



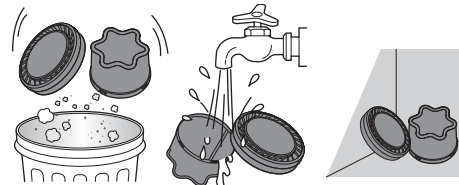
- 4** Use the combination tool **4** to clean any dust off the motor.

- Do not wash the motor with water.

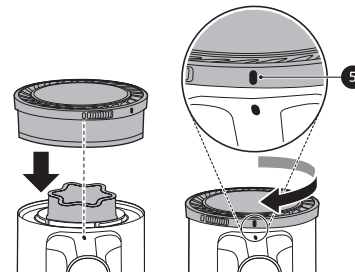


- 5** Clean filters by brushing the dust off and wash them in running water at least once a month.

- To avoid odor and the malfunction of the motor, allow the exhaust filter to dry completely in a well-ventilated area out of direct sunlight for at least 24 hours before reassembling.



- 6** Insert the dried pre-filter and rotate the exhaust filter to the locked position **5** to reassemble it on the product body.



## 28 MAINTENANCE

### Cleaning the Nozzle

Clean the nozzle and rotating brush regularly.

#### CAUTION

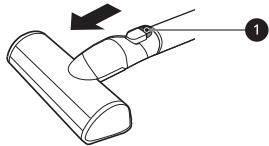
- Always separate the nozzle from the product body or remove the battery before cleaning. If the nozzle starts to operate during cleaning, it could cause an injury.
- Keep fingers away from pinch points when assembling the nozzle on the appliance or the rotating brush on the nozzle.
- Do not use the rotating brush as a wet mop. It may cause product damage.

### Cleaning the Power Carpet Nozzle

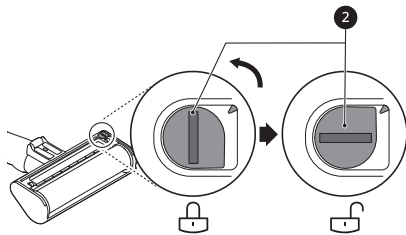
Clean the brush and roller heads before each use.

- If the brush contains foreign objects, the brush may not spin or a noise may occur during operation.

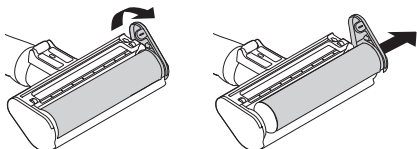
- 1 Press the nozzle release button ❶ to remove the nozzle from the extension pipe or product body.



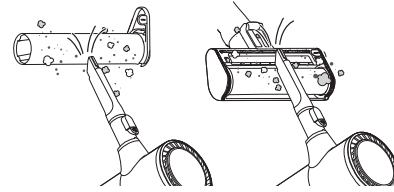
- 2 Turn the nozzle upside down and rotate the cover lock slot ❷ counterclockwise.



- 3 Pull the brush cover forward and pull the brush out.

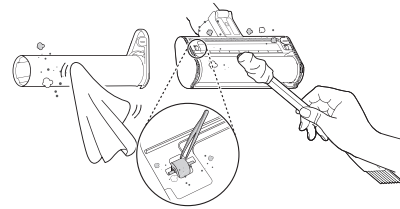


- 4 Attach the crevice tool to the product body and use the vacuum to remove foreign objects and dust from the brush and the bottom of the nozzle.



- 5 Use a damp towel or cloth to remove any remaining foreign objects and dust from the brush and the bottom of the nozzle.

- Carefully use a tweezers to remove foreign objects from the nozzle rollers.
- Do not rinse or submerge the rotating brush or nozzle in water.
- Wrap the handle of the cleaning brush with a wet towel or cloth and use it to clean the rotating brush and nozzle.



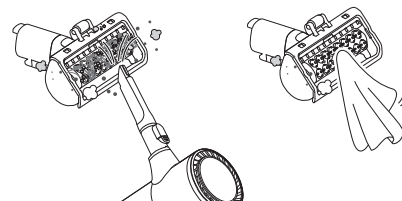
- 6 Slide the brush back into the nozzle and rotate the cover back into place. Turn the cover lock clockwise to lock the cover.

### Cleaning the Power Punch Nozzle

- 1 Press the nozzle release button to remove the nozzle from the extension pipe or product body and turn the nozzle upside down.

- 2 Attach the crevice tool to the product body and use the vacuum to remove foreign objects and dust from the bottom of the nozzle.

- Use a damp towel or cloth to remove any remaining foreign objects and dust from the bottom of the nozzle. After cleaning, wipe the nozzle dry.
- Do not rinse or submerge the nozzle in water.



# TROUBLESHOOTING

## Before Calling for Service

### Operation

Problem	Possible Cause & Solution
The appliance does not operate.	<b>Battery is fully discharged.</b> <ul style="list-style-type: none"> <li>Charge the battery.</li> </ul>
	<b>Appliance is turned off.</b> <ul style="list-style-type: none"> <li>Press the <b>Power</b> button to turn on the appliance.</li> </ul>
Suction power is too weak.	<b>Dust bin is full of dust.</b> <ul style="list-style-type: none"> <li>Empty the dust bin.</li> </ul>
	<b>Filters are clogged.</b> <ul style="list-style-type: none"> <li>Clean the pre-filter and the exhaust filter.</li> </ul>
	<b>Inlet is clogged.</b> <ul style="list-style-type: none"> <li>Remove any foreign objects from inside the product body or the extension pipe.</li> </ul>
	<b>Foreign object is on rotating brush, or in inlet port.</b> <ul style="list-style-type: none"> <li>Remove any foreign objects (thread, hair) from the rotating brush or the inlet port.</li> </ul>
The product body does not appear to be charging.	<b>Power adapter is not connected to the charging station.</b> <ul style="list-style-type: none"> <li>Plug the adapter firmly into the charging station.</li> </ul>
	<b>Power cord is unplugged.</b> <ul style="list-style-type: none"> <li>Plug the power cord securely into the charging station.</li> </ul>
	<b>Foreign object is on the charging terminals.</b> <ul style="list-style-type: none"> <li>Remove dirt or foreign objects from the charging terminals with a dry cloth.</li> </ul>
Hot air is coming from the product body.	<b>Motor is cooling.</b> <ul style="list-style-type: none"> <li>If the appliance is running normally, the hot air is a result of the motor cooling and is not a sign of malfunction.</li> </ul>
A strange odor is coming from the appliance.	<b>Appliance was purchased within the last 3 months.</b> <ul style="list-style-type: none"> <li>The cleaner may emit a smell of rubber for about 3 months after purchase.</li> </ul>
	<b>Dust bin is full of dust.</b> <ul style="list-style-type: none"> <li>The dust in the bin may cause some odor. Empty the bin and clean it.</li> </ul>
	<b>Foreign object is on the filter.</b> <ul style="list-style-type: none"> <li>The filter may emit an odor if it has not been cleaned for some time. Clean the pre-filter and exhaust filter regularly.</li> </ul>
	<b>Pre-filter was installed while damp or wet.</b> <ul style="list-style-type: none"> <li>Wash the pre-filter with running water. To avoid odor, allow the pre-filter to dry completely in a well-ventilated area out of direct sunlight for at least 24 hours before reassembling.</li> </ul>
	<b>Exhaust filter was installed while damp or wet.</b> <ul style="list-style-type: none"> <li>Wash the exhaust filter with running water. To avoid odor, allow the exhaust filter to dry completely in a well-ventilated area out of direct sunlight for at least 24 hours before reassembling.</li> </ul>
The appliance makes too much noise.	<b>Vacuum cleaner is running in Turbo mode.</b> <ul style="list-style-type: none"> <li>The motor may be louder at the higher suction power settings. This is normal.</li> </ul>

## 30 TROUBLESHOOTING

Problem	Possible Cause & Solution
<b>The appliance turns off unexpectedly or by itself after the motor speed fluctuates repeatedly.</b>	<b>Battery is not fully charged.</b> <ul style="list-style-type: none"><li>• The battery must be fully charged before cleaning. If the problem persists when the battery is fully charged and the pipes and attachments are clear from obstructions, contact an LG customer information center for service.</li></ul>
	<b>Foreign object is in the product body, extension pipe, inlet port or nozzle.</b> <ul style="list-style-type: none"><li>• Remove any foreign objects from the product body, extension pipe, inlet port or nozzle.</li></ul>
	<b>Filters are clogged.</b> <ul style="list-style-type: none"><li>• Clean the pre-filter and the exhaust filter.</li></ul>
<b>The rotating brush does not rotate.</b>	<b>Brush is improperly installed.</b> <ul style="list-style-type: none"><li>• Remove the brush, clean it if necessary and attach it again.</li></ul>
	<b>Foreign object is on rotating brush.</b> <ul style="list-style-type: none"><li>• Remove any foreign objects from the rotating brush.</li></ul>

# LIMITED WARRANTY

## USA

### TERMS AND CONDITIONS

ARBITRATION NOTICE: THIS LIMITED WARRANTY CONTAINS AN ARBITRATION PROVISION THAT REQUIRES YOU AND LG TO RESOLVE DISPUTES BY BINDING ARBITRATION INSTEAD OF IN COURT, UNLESS YOU CHOOSE TO OPT OUT. IN ARBITRATION, CLASS ACTIONS AND JURY TRIALS ARE NOT PERMITTED. PLEASE SEE THE SECTION TITLED "PROCEDURE FOR RESOLVING DISPUTES" BELOW.

LG Electronics Inc. will repair or replace your product, at LG's option, if it proves to be defective in material or workmanship under personal household use, during the warranty period set forth below, effective from the date of original consumer purchase of the product. This limited warranty is good only to the original purchaser of the product and effective only when used in U.S.A. and Canada.

\* Manufacturing Locations: LG Electronics. Changwon Factory2 84, Wanam-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, 642-713, KOREA

WARRANTY PERIOD:	HOW SERVICE IS HANDLED:
1 Year From the date of the original purchase	Any part of the Cleaner which fails due to a defect in materials or workmanship. During this full 1 Year warranty, LG will also provide, free of charge, all labor and shop service to replace the defective part. Inverter motor: 10 year warranty (Suction motor)

**THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. LG WILL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING LOST REVENUES OR PROFITS, IN CONNECTION WITH THE PRODUCT. SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.**

**This warranty covers only defects in material and workmanship.**

#### LGE will NOT pay for:

- 1) Expendable items that can wear out, including, but not limited to, filters and belts.
- 2) A service technician to instruct the user in correct product assembly, operation or maintenance.
- 3) A service technician to clean or maintain this product.
- 4) Damage to or failure of this product if it is not assembled, operated or maintained according to all instructions supplied with this product.
- 5) Damage to or failure of this product resulting from accident, abuse, misuse or use for other than its intended purpose.
- 6) Damage to or failure of this product caused by the use of detergents, cleaners, chemicals or utensils other than those recommended in all instructions supplied with this product.
- 7) Damage to or failure of parts or systems resulting from unauthorized modifications made to this product.

This warranty is extended to the original purchaser for products purchased for home use within the U.S.A. In Alaska, the warranty excludes the cost of shipping or service calls to your home.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To know what your legal rights are, consult your local or state consumer affairs or your state's Attorney General.

## 32 LIMITED WARRANTY

### CUSTOMER ASSISTANCE INFORMATION:

<b>To Prove Warranty Coverage</b>	Retain your Sales Receipt to prove date of purchase. A copy of your Sales Receipt must be submitted at the time warranty service is provided.
<b>To Obtain Nearest Authorized Service Center or Sales Dealer, or to Obtain Product, Customer, or Service Assistance</b>	Call 1-800-243-0000 (Phone answered 24 hours - 365 days a year) and choose the appropriate prompt from the menu; or visit our website at: <a href="http://us.lgservice.com">http://us.lgservice.com</a> . (In Canada- Call 1-888-542-2623, website <a href="http://ca.lgservice.com">http://ca.lgservice.com</a> )

### PROCEDURE FOR RESOLVING DISPUTES:

ALL DISPUTES BETWEEN YOU AND LG ARISING OUT OF OR RELATING IN ANY WAY TO THIS LIMITED WARRANTY OR THE PRODUCT SHALL BE RESOLVED EXCLUSIVELY THROUGH BINDING ARBITRATION, AND NOT IN A COURT OF GENERAL JURISDICTION. BINDING ARBITRATION MEANS THAT YOU AND LG ARE EACH WAIVING THE RIGHT TO A JURY TRIAL AND TO BRING OR PARTICIPATE IN A CLASS ACTION.

**Definitions.** For the purposes of this section, references to “LG” mean LG Electronics U.S.A., Inc., its parents, subsidiaries and affiliates, and each of their officers, directors, employees, agents, beneficiaries, predecessors in interest, successors, assigns and suppliers; references to “dispute” or “claim” shall include any dispute, claim or controversy of any kind whatsoever (whether based in contract, tort, statute, regulation, ordinance, fraud, misrepresentation or any other legal or equitable theory) arising out of or relating in any way to the sale, condition or performance of the product or this Limited Warranty.

**Notice of Dispute.** In the event you intend to commence an arbitration proceeding, you must first notify LG in writing at least 30 days in advance of initiating the arbitration by sending a letter to LG at LG Electronics, USA, Inc. Attn: Legal Department- Arbitration 1000 Sylvan Ave, Englewood Cliffs 07632. You and LG agree to engage in good faith discussions in an attempt to amicably resolve your claim. The notice must provide your name, address, and telephone number; identify the product that is the subject of the claim; and describe the nature of the claim and the relief being sought. If you and LG are unable to resolve the dispute within 30 days, either party may proceed to file a claim for arbitration.

**Agreement to Binding Arbitration and Class Action Waiver.** Upon failure to resolve the dispute during the 30 day period after sending written notice to LG, you and LG agree to resolve any claims between us only by binding arbitration on an individual basis, unless you opt out as provided below. Any dispute between you and LG shall not be combined or consolidated with a dispute involving any other person’s or entity’s product or claim. More specifically, without limitation of the foregoing, any dispute between you and LG shall not under any circumstances proceed as part of a class or representative action. Instead of arbitration, either party may bring an individual action in small claims court, but that small claims court action may not be brought on a class or representative basis.

**Arbitration Rules and Procedures.** To begin arbitration of a claim, either you or LG must make a written demand for arbitration. The arbitration will be administered by the American Arbitration Association (“AAA”) and will be conducted before a single arbitrator under the AAA’s Consumer Arbitration Rules that are in effect at the time the arbitration is initiated (referred to as the “AAA Rules”) and under the procedures set forth in this section. The AAA Rules are available online at [www.adr.org/consumer](http://www.adr.org/consumer). Send a copy of your written demand for arbitration, as well as a copy of this provision, to the AAA in the manner described in the AAA Rules. You must also send a copy of your written demand to LG at LG Electronics, USA, Inc. Attn: Legal Department- Arbitration 1000 Sylvan Avenue Englewood Cliffs, NJ 07632. If there is a conflict between the AAA Rules and the rules set forth in this section, the rules set forth in this section will govern. This arbitration provision is governed by the Federal Arbitration Act. Judgment may be entered on the arbitrator’s award in any court of competent jurisdiction. All issues are for the arbitrator to decide, except that issues relating to the scope and enforceability of the arbitration provision and to the arbitrability of the dispute are for the court to decide. The arbitrator is bound by the terms of this provision.

**Governing Law.** The law of the state of your residence shall govern this Limited Warranty and any disputes between us except to the extent that such law is preempted by or inconsistent with applicable federal law.

**Fees/Costs.** You do not need to pay any fee to begin an arbitration. Upon receipt of your written demand for arbitration, LG will promptly pay all arbitration filing fees to the AAA unless you seek more than \$25,000 in damages, in which case the payment of these fees will be governed by the AAA Rules. Except as



otherwise provided for herein, LG will pay all AAA filing, administration and arbitrator fees for any arbitration initiated in accordance with the AAA Rules and this arbitration provision. If you prevail in the arbitration, LG will pay your attorneys' fees and expenses as long as they are reasonable, by considering factors including, but not limited to, the purchase amount and claim amount. Notwithstanding the foregoing, if applicable law allows for an award of reasonable attorneys' fees and expenses, an arbitrator can award them to the same extent that a court would. If the arbitrator finds either the substance of your claim or the relief sought in the demand is frivolous or brought for an improper purpose (as measured by the standards set forth in Federal Rule of Civil Procedure 11(b)), then the payment of all arbitration fees will be governed by the AAA Rules. In such a situation, you agree to reimburse LG for all monies previously disbursed by it that are otherwise your obligation to pay under the AAA Rules. Except as otherwise provided for, LG waives any rights it may have to seek attorneys' fees and expenses from you if LG prevails in the arbitration.

**Hearings and Location.** If your claim is for \$25,000 or less, you may choose to have the arbitration conducted solely on the basis of (1) documents submitted to the arbitrator, (2) through a telephonic hearing, or (3) by an in-person hearing as established by the AAA Rules. If your claim exceeds \$25,000, the right to a hearing will be determined by the AAA Rules. Any in-person arbitration hearings will be held at a location within the federal judicial district in which you reside unless we both agree to another location or we agree to a telephonic arbitration.

**Opt Out.** You may opt out of this dispute resolution procedure. If you opt out, neither you nor LG can require the other to participate in an arbitration proceeding. To opt out, you must send notice to LG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the product by either: (i) sending an e-mail to [optout@lge.com](mailto:optout@lge.com), with the subject line: "Arbitration Opt Out" or (ii) calling 1-800-980-2973. You must include in the opt out e-mail or provide by telephone: (a) your name and address; (b) the date on which the product was purchased; (c) the product model name or model number; and (d) the serial number (the serial number can be found (i) on the product; or (ii) online by accessing <https://www.lg.com/us/support/repair-service/schedule-repaircontinued> and clicking on "Find My Model & Serial Number").

You may only opt out of the dispute resolution procedure in the manner described above (that is, by e-mail or telephone); no other form of notice will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the full benefits of the Limited Warranty. If you keep this product and do not opt out, then you accept all terms and conditions of the arbitration provision described above.

**34 APPENDIX**

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# APPENDIX

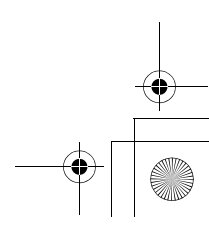
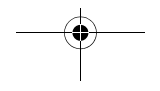
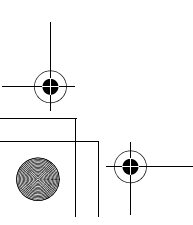
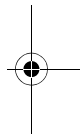
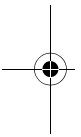
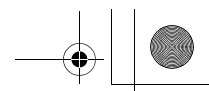
## U.S. Patent Protection

This product is covered by one or more of the following patents in the U.S.

### Patents

US10342404; US10314453; US10194779; US10229651; US10229650; US10405717; US10478036;  
US10433688; US10561291; US10542860; US10531777; US10492653

OTHER PATENTS PENDING



# LG CordZero™