



Scan to see the online manual.



# OWNER'S MANUAL

# WASHING MACHINE

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Read this owner's manual thoroughly before operating the appliance and keep it handy for reference at all times. This abridged owner's manual addresses user safety, precautions, and installation information.

To view the complete owner's manual, you may:

1. Online manual: Visit the LG website at: <http://gscs-manual.lge.com/Total/HQ/GatewayPage/main.html> or scan the QR code above; or
2. Printable PDF manual: Visit [lg.com](http://lg.com) and search for your model number; or
3. Call or write to customer service as provided in your Limited Warranty.

## ENGLISH

WM5500H\*A / WM6500H\*A



MFL71693734  
Rev.00\_111622

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# 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, scalding or injury to persons when using this product, follow basic precautions, including the following:

### Installation

- Adhere to all industry recommended safety procedures including the use of long-sleeved gloves and safety glasses.
- 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.
- Before use, the appliance must be properly installed as described in this manual.
- To reduce the risk of severe injury or death, follow all installation instructions.
- Refer to the **INSTALLATION INSTRUCTIONS** for detailed grounding procedures. Installation instructions are packed with the appliance for the installer's reference. If the appliance is moved to a new location, have it checked and reinstalled by qualified service personnel.
- Moving or installation of the appliance requires two or more people.
- Do not install the appliance in humid spaces.
- Store and install the appliance where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions.
- This appliance is not designed for maritime use or for mobile installations such as in RVs, trailers, or aircraft.
- Keep packing materials out of the reach of children. Packaging material can be dangerous for children. There is a risk of suffocation.

## 4 IMPORTANT SAFETY INSTRUCTIONS

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- 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.
- The appliance must be installed and electrically grounded by qualified service personnel in accordance with local codes.
- When installing or moving the appliance, be careful not to pinch, crush, or damage the power cord.
- Connect to a properly rated, protected, and sized power circuit to avoid electrical overload.
- This appliance must be positioned near to an electrical power supply.
- Disconnect the power cord, house fuse or circuit breaker before installing or servicing the appliance.
- The power cord of this appliance is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock from this appliance.
- Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.
- Use new hoses when connecting the washer to the water supply. Do not reuse old hoses.

### Operation

- Read all instructions before using the appliance and save these instructions.
- Use this appliance only for its intended purpose.
- If the product has been submerged in water, sitting in standing water, or waterlogged, do not come in contact with the product and immediately contact an LG Electronics Customer Information Center for instructions before resuming use.
- If you detect a strange sound, a chemical or burning smell, or smoke coming from the appliance, unplug it immediately and contact an LG Electronics Customer Information Center.
- Under certain conditions, hydrogen gas may be produced in a hot-water system that has not been used for two weeks or more. HYDROGEN GAS IS EXPLOSIVE. If the hot-water system has not been used for such a period, before using the appliance, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
- Do not reach into the washer if the tub or drum, agitator, or any interior parts are moving. Before loading, unloading, or adding items, press Start/Pause and allow the tub or drum to coast to a complete stop before reaching inside.
- 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 the use of the appliance by a person responsible for their safety.
- Do not allow children or pets to play on, in or with the appliance. Close supervision is necessary when the appliance is used near children or pets.
- Keep laundry products out of children's reach. To prevent injury to persons, observe all warnings on product labels.
- Repair or immediately replace all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end.
- Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.
- Do not use an extension cord or adapter with this appliance.
- Do not grasp the power cord or touch the appliance controls with wet hands.
- Do not modify or extend the power cord.
- If the electrical supply cord is damaged, it must only be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.
- Do not put oily or greasy clothing, candles or flammable materials on top of the appliance.
- Keep the area underneath and around your appliances free of combustible materials (lint, paper, rags, etc.), gasoline, chemicals and other flammable vapors and liquids.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Do not mix chlorine bleach with ammonia or acids such as vinegar. Follow package directions when using laundry products. Incorrect usage can produce poisonous gas, resulting in serious injury or death.
- Never use harsh chemicals, abrasive cleaners, or solvents to clean the washer. They will damage the finish.
- Do not wash laundry that has been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, vegetable or cooking oil, or other flammable or explosive substances, as they give off vapors that could ignite or explode.
- Do not add gasoline, dry cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
- In the event of a gas leak (propane gas, LP gas, etc.), do not operate this or any other appliance. Open a window or door to ventilate the area immediately.
- Do not tamper with controls.
- Fix the drain hose securely in place to avoid flooding.
- Do not abuse, sit on, or stand on the door of the appliance.
- Always check the inside of the appliance for foreign objects.
- Do not allow water, bleach or other liquids to sit in the drum for extended periods. Doing so can corrode the drum or cause mildew or odors.
- Do not dry unwashed items in the appliance.

## Maintenance

- Do not repair or replace any part of the appliance. All repairs and servicing must be performed by qualified service personnel unless specifically recommended in this owner's manual. Use only authorized factory parts.
- Disconnect this appliance from the power supply before cleaning and attempting any user maintenance. Turning the controls to the OFF position does not disconnect this appliance from the power supply.
- Remove any dust or foreign matter from the power plug pins.
- Do not disassemble or repair the appliance by yourself.
- Remove the door before the appliance is removed from service or discarded to avoid the danger of children or small animals getting trapped inside.
- Make sure the dispenser drawer or lid is closed at all times when not being filled with laundry products.

## Grounding Instructions

- Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service personnel if you are in doubt whether the appliance is properly grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.
- The appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. The appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances.

## 6 IMPORTANT SAFETY INSTRUCTIONS

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### CAUTION STATEMENTS

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#### CAUTION

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

#### Installation

- Install the product on a firm and level floor.

#### Operation

- Do not place objects on top of the appliance.
- Turn off the water faucets and unplug the appliance if the appliance is to be left for an extended period of time, such as during vacations.
- ALWAYS follow the fabric care instructions supplied by the garment manufacturer.
- Use fabric softeners or products to eliminate static only as recommended by the manufacturer.
- Do not combine laundry products for use in one load unless specified on the label.
- Do not touch draining water which may be hot.
- If the drain hose and the water inlet hose are frozen in winter, defrost them before using the appliance.
- Do not store or spill liquid detergents, cleaners, or bleaches (chlorine bleach, oxygen bleach) on the appliance. Doing so may result in corrosion, discoloration or damage to the surface of the appliance.
- Clothing or articles that are waterproof or water-resistant must be washed in the **Waterproof, Bedding, Bulky/Large**, or **Jumbo Wash** cycle only. (Examples include water resistant clothing, mattress covers, outdoor clothes, and plastic mats.) Failure to do so may result in personal injury or damage to the washer, clothes, walls, floor, and surrounding objects due to abnormal vibration.

**SAVE THESE INSTRUCTIONS**

# PRODUCT OVERVIEW

## Product Features

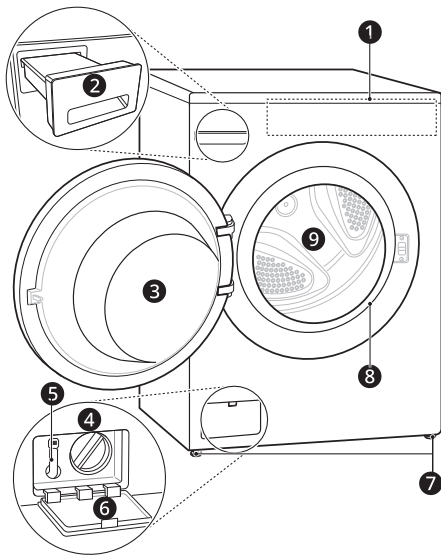
The images in this guide may be different from the actual components and accessories, which are subject to change by the manufacturer without prior notice for product improvement purposes.

### **⚠ WARNING**

- 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.

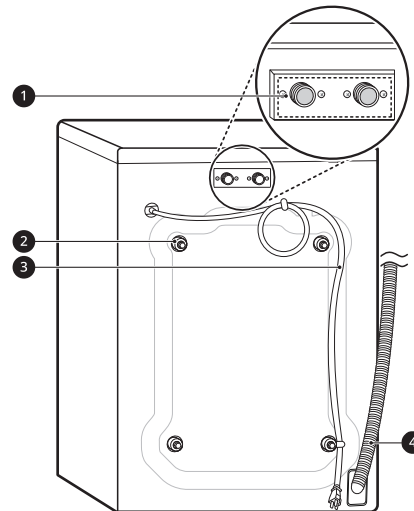
ENGLISH

### Front View



- ❶ Control Panel
- ❷ Detergent Dispenser Drawer
- ❸ Door
- ❹ Drain Pump Filter
- ❺ Drain Hose
- ❻ Drain Pump Filter Cover
- ❼ Leveling Feet
- ❽ Door Seal
- ❾ Drum

### Rear View

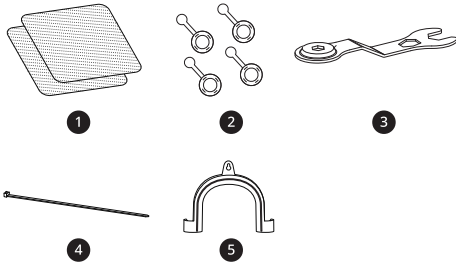


- ❶ Water Inlets
- ❷ Shipping Bolts
- ❸ Power Cord
- ❹ Drain Hose

## 8 PRODUCT OVERVIEW

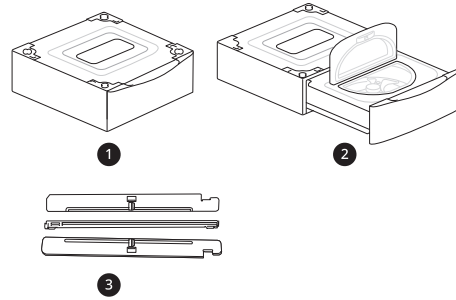
### Accessories

#### Included Accessories



- ❶ Non-skid Pads
- ❷ Hole Caps
- ❸ Wrench
- ❹ Tie Strap
- ❺ Elbow Bracket (for securing drain hose)

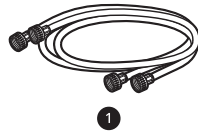
#### Optional Accessories (sold separately)



- ❶ Pedestal<sup>†</sup>
- ❷ Pedestal Washer<sup>†</sup>
- ❸ Stacking Kit

<sup>†</sup> Check the width of the pedestal before purchasing to make sure that it matches the width of your appliance (27" (70 cm) or 29" (74 cm)).

#### Required Accessories (sold separately)



- ❶ Hot and Cold Water Hoses

### Product Specifications

Model	WM5500H*A	WM6500H*A
Electrical Requirements	120 V~, 60 Hz	
Min. / Max. Water Pressure	20 psi - 120 psi (138 kPa - 827 kPa)	
Dimensions (Width X Height X Depth)	27" X 39" X 30 1/4" (70 cm X 99 cm X 77 cm)	27" X 39" X 33 1/8" (70 cm X 99 cm X 84 cm)
Maximum Depth with Door Open	55" (139.6 cm)	57 3/4" (146.6 cm)
Net Weight	200.8 lb (91.1 kg)	202.6 lb (91.9 kg)
Max. Spin Speed	1300 RPM	



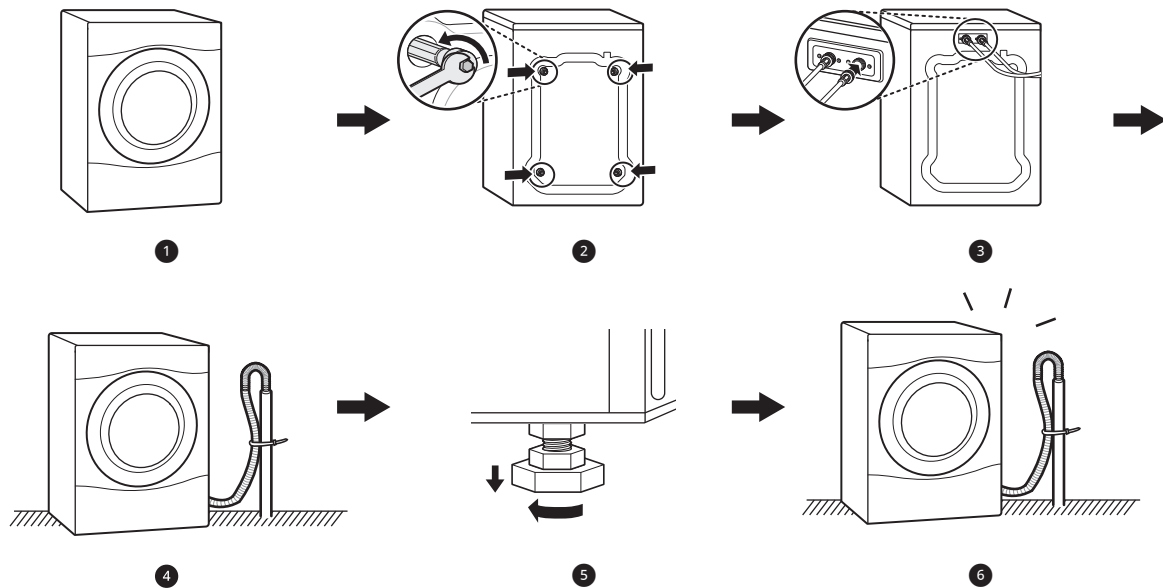
# INSTALLATION

## Before Installing

### Installation Overview

Please read the following installation instructions first after purchasing this washer or transporting it to another location.

ENGLISH



- ❶ Choosing the Proper Location
- ❷ Unpacking and Removing Shipping Material
- ❸ Connecting the Inlet Hoses
- ❹ Connecting the Drain Hose
- ❺ Leveling the Washer
- ❻ Final Installation Check

### ⚠ WARNING

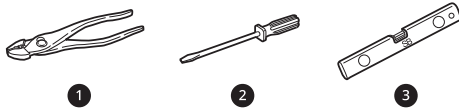
- Moving or installation of the appliance requires two or more people. Failure to follow these instructions may result in injury.
- Store and install the appliance where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions. Failure to follow this warning can cause product or part failure, serious injury, fire, electric shock, or death.
- Properly ground the washer to conform with all governing codes and ordinances. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- To ensure proper airflow, do not block the large opening on the bottom of the washer with carpeting or other materials.
- Do not remove the ground prong from the power cord. Do not use an adapter or extension cord. Plug into a grounded 3-prong outlet. Failure to follow this warning can cause serious injury, fire, electric shock, or death.

## 10 INSTALLATION

### **⚠ WARNING**

- Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. Service personnel- Do not contact the following parts while the appliance is energized: pump, valve, motor, control board.

### Tools Needed



- ❶ Pliers
- ❷ Flat-Blade Screwdriver
- ❸ Level

### Choosing the Proper Location

Check the following requirements for the install location before installing the washer.

- Allow for sufficient space between the walls and the washer for installation.
- Make sure that the floor is clean, dry and free of dust, dirt, water and oil so the leveling feet cannot slide easily. Leveling feet that can move or slide on the floor can contribute to excess vibration and noise.
- If the floor has too much flex, reinforce it to make it more rigid. If the floor is not solid, it may cause severe vibration and noise.
- If a drain pan must be used, take extra care to follow the instructions provided with the drain pan and make sure the leveling feet are adjusted for firm and even contact with the pan. Use of drain pans and failure to properly level the washer may result in increased vibration and noise during operation.

### Power Outlet

- The power outlet must be within **60 inches (1.5 m)** of either side of the washer.
- Position the washer so that the outlet and plug are easily accessible.
- Do not overload the outlet with more than one appliance.
- The outlet must be grounded in accordance with current electrical wiring codes and regulations.
- Use a time-delay fuse or circuit breaker.

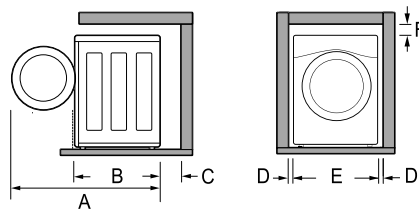
- It is the personal responsibility and obligation of the washer owner to have a proper outlet installed by a qualified electrician.

### Flooring

- To minimize noise and vibration, install the washer on a level, solidly constructed floor capable of supporting the washer without flexing or bouncing.
- The washer must be installed on firm flooring to minimize vibration during the spin cycle. Concrete flooring is best, but a wood floor is sufficient, provided it is built to FHA standards.
- The floor under the washer must not slope more than 1 inch (2.5 cm) from front to back or side to side.
- Installing on carpeting and soft tile surfaces is not recommended.
- Never install the washer on a platform or weakly supported structure.

### Floor Installation

To ensure sufficient clearance for water inlet hoses, drain hose and airflow, allow minimum clearances of at least **1 inch (2.5 cm)** at the sides and **4 inches (10 cm)** behind the washer. Be sure to allow for wall, door, or floor moldings that may increase the required clearances.

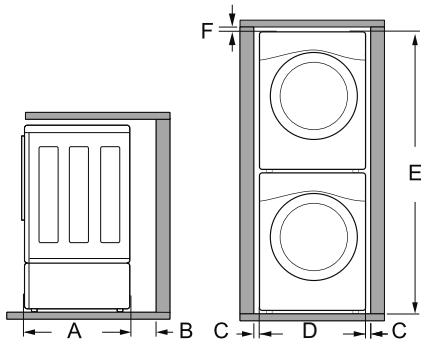


Dimensions and Clearances		
Model	WM5500H*A	WM6500H*A
A	55" (139.6 cm)	57 3/4" (146.6 cm)
B	30 1/4" (77 cm)	33 1/8" (84 cm)
C	4" (10 cm)	

Dimensions and Clearances		
Model	WM5500H*A	WM6500H*A
D	1" (2.5 cm)	
E	27" (70 cm)	
F	1/4" (0.5 cm)	

### Stacking or Pedestal Installation

The washer can be stacked under a dryer or on top of a pedestal or pedestal washer.



Dimensions and Clearances		
Model	WM5500H*A	WM6500H*A
A	30 1/4" (77 cm)	33 1/8" (84 cm)
B	4" (10 cm)	
C	1" (2.5 cm)	
D	27" (70 cm)	
E	77 1/2" (196.8 cm)	
F	1/4" (0.5 cm)	

### NOTE

- Refer to the instructions packaged with the optional pedestal kit before stacking appliance on pedestal.
- Do not use a drain pan with a pedestal or pedestal washer installation as it can block the drawer. Using a drain pan may result in increased vibration and noise during operation.

## Unpacking and Removing Shipping Material

Remove all shipping materials from the washer for proper operation and inspect it for shipping damage.

### CAUTION

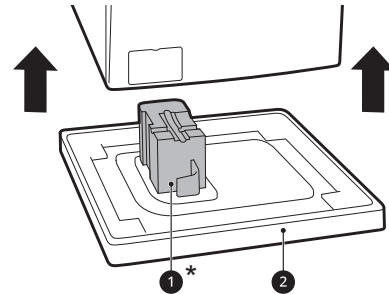
- Failure to remove shipping materials can cause excessive noise and vibration.

## Unpacking Shipping Material

\*Some models do not ship with drum support.

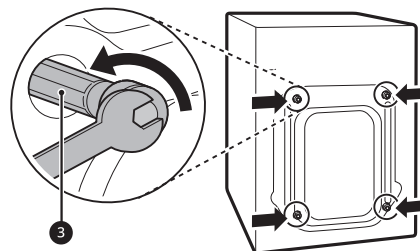
Lift the washer off the foam base.

- After removing the carton and shipping material, lift the washer off the foam base.
- Make sure the plastic drum support **1**\* comes off with the base and is not stuck to the bottom of the washer.
- If you must lay the washer down to remove the carton base **2**, always protect the side of the washer and lay it carefully on its side. Do not lay the washer on its front or back.



## Removing Shipping Material

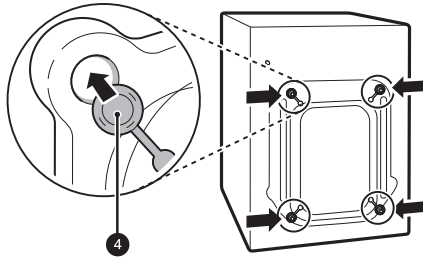
- 1 Remove the bolt assemblies.
  - Starting with the bottom two shipping bolts **3**, use the included wrench to fully loosen all 4 shipping bolts by turning them counterclockwise.
  - Remove the bolt assemblies (bolts and retainers) by wiggling them slightly while pulling them out.



- 2 Install the hole caps.
  - Locate the hole caps **4** included in the accessory pack or attached to the back of

## 12 INSTALLATION

the washer. Install the caps in the holes left by the bolt assemblies.



### ⚠ CAUTION

- Once removed, save the bolt assemblies for future use. To prevent damage to internal components, do not transport the washer without reinstalling the shipping bolts. Failure to remove shipping bolts and retainers may cause severe vibration and noise, which can lead to permanent damage to the washer.

### NOTE

- The power cord is secured to the back of the washer with a shipping bolt to help prevent operation with shipping bolts in place.

## Connecting the Water Inlet Hoses

To avoid the risk of costly water damage, purchase and install new water inlet hoses when installing the washer.

### ⚠ WARNING

- Do not overtighten the hoses or cross-thread the hose fittings. Overtightening or cross-threading can damage the valves or couplings, resulting in leaking and property damage.
- Do not reuse old hoses. Use only new hoses when installing the washer. Old hoses could leak or burst causing flooding and property damage. Contact an LG Customer Information Center for assistance in buying hoses.

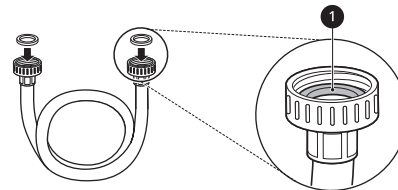
### NOTE

- Periodically check the hoses for cracks, leaks, and wear, and replace the hoses every five years.
- Do not stretch the water hoses intentionally, and make sure that they are not pinched, crushed or kinked by other objects.

- Water supply pressure must be between **20 psi** and **120 psi (138 - 827 kPa)**. If the water supply pressure is more than **120 psi**, a pressure reducing valve must be installed.
- Your hot water heater should be set to deliver water at **120-135 °F (48-57 °C)** to allow the washer to properly control wash temperatures.
- Do not store or install the washer in a location subject to freezing temperatures. Damage to the water inlet hoses and internal mechanisms of the washer can result. If the washer was exposed to freezing temperatures prior to installation, allow it to stand at room temperature for several hours before use and check for leaks prior to operation.
- Do not use flood-preventing hoses with auto shut off devices. The devices can be tripped during fill and prevent the washer from filling properly.

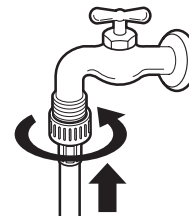
## How to Connect the Water Inlet Hoses

- Check the fittings and seals. Inspect the threaded fitting on each hose and make sure there is a rubber seal **1** in place in both ends of each hose to prevent leaking.



- Connect the water supply hoses.

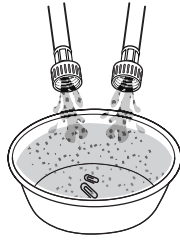
- Connect the water inlet hoses to the hot and cold water faucets tightly by hand and then tighten another 2/3 turn with pliers.
- Connect the blue hose to the cold water faucet and the red hose to the hot water faucet.



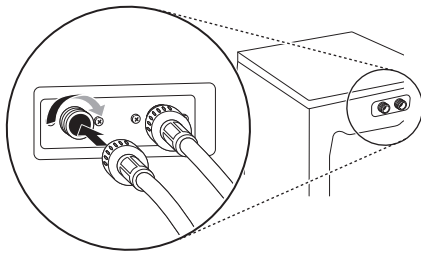
- Flush out the inlet hoses.

- After the hoses are connected, turn on the water faucets and flush out any foreign substances such as dirt, sand, or sawdust.

- Let the water drain into a bucket, and check the water temperature to make sure you've connected the hoses to the correct faucets.



- 4** Attach the inlet hoses to the back of the washer.
- Attach the hot water inlet hose to the hot water inlet on the back of the washer. Attach the cold water inlet hose to the cold water inlet on the back of the washer.
  - Tighten the fittings securely. Turn on both faucets all the way and check for leaks at both ends of the hoses.

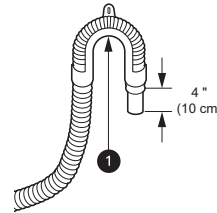


beyond **66" (168 cm)**, the drain function will be increasingly affected.

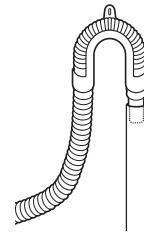
- Never create an airtight seal between the hose and the drain with tape or other means. If no air gap is present, water can be siphoned out of the drum resulting in poor wash/rinse performance or clothing damage.

### Using a Standpipe to Drain

- 1** Clip the end of the hose into the elbow bracket.
- Connect the elbow bracket **1** within **4 inches (10 cm)** of the end of the drain hose. If the drain hose is extended more than **4 inches (10 cm)** beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the washer.



- 2** Insert the end of the drain hose into the standpipe.



### Connecting the Drain Hose

Connect the drain hose to either a standpipe or laundry tub.

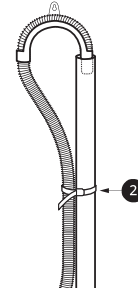
#### ⚠ WARNING

- The drain hose should always be properly secured. Failure to properly secure the drain hose can result in flooding and property damage.

#### NOTE

- The drain must be installed in accordance with any applicable local codes and regulations.
- Make sure that the drain hose is not stretched, pinched, crushed, or kinked.
- The end of the drain hose should be located a minimum of **24" (61 cm)** and a maximum of **96" (244 cm)** above the bottom of the washer.
- For best results, locate the end of the drain hose no higher than **66" (168 cm)** above the bottom of the washer. As the drain outlet is raised

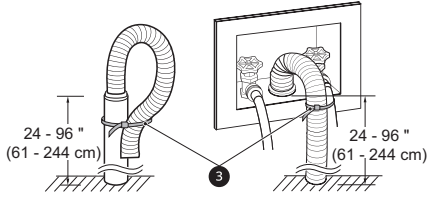
- 3** Use the provided tie strap **2** to secure the drain hose in place.



- 4** If the water valves and drain are built into the wall, fasten the drain hose to one of the water

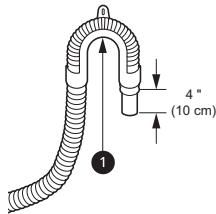
## 14 INSTALLATION

hoses with the provided tie strap **3** (ribbed side on inside).

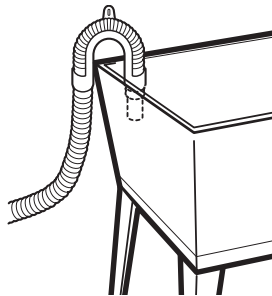


### Using the Laundry Tub to Drain

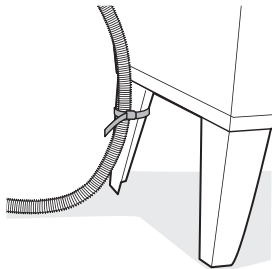
- 1** Clip the end of the hose into the elbow bracket.
  - Connect the elbow bracket **1** within **4 inches (10 cm)** of the end of the drain hose. If the drain hose is extended more than **4 inches (10 cm)** beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the washer.



- 2** Hang the end of the drain hose over the side of the laundry tub.



- 3** Use the provided tie strap to secure the drain hose in place.



## Leveling the Washer

The drum of the washer spins at very high speeds. To minimize vibration, noise, and unwanted movement, the floor must be a solid, level surface.

### CAUTION

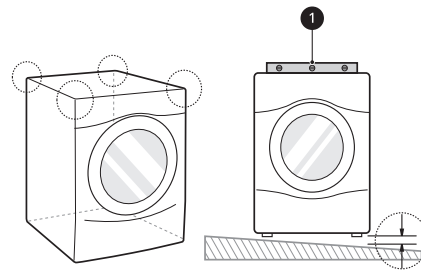
- Using the washer without leveling it may cause excess vibration and noise, leading to a washer malfunction.
- Adjust the leveling feet only as far as necessary to level the washer. Extending the leveling feet more than necessary can cause the washer to vibrate.

### NOTE

- Before installing the washer, make sure that the floor is clean, dry and free of dust, dirt, water and oil so the washer feet cannot slide easily. Feet that move or slide on the floor can contribute to excessive vibration and noise.

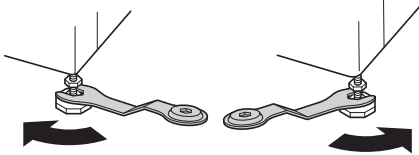
## How to Level the Washer

- 1** Position the washer in its final location.
  - Take special care not to pinch, strain, or crush the water and drain hoses. If you have a carpenter's level **1**, you can use it to check that the washer is level. The slope beneath the washer should not exceed **1 inch**, and all 4 leveling feet must rest firmly on the floor.



**2** Adjust the leveling feet.

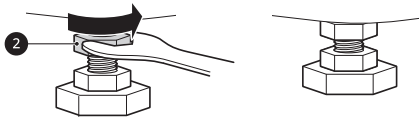
- Turn all 4 leveling feet in one direction to raise the washer or the other direction to lower it.

**3** Check the level again.

- Push or rock the top edges of the washer gently to make sure the washer does not rock. If the washer rocks, readjust the leveling feet.

**4** Tighten the locknuts ②

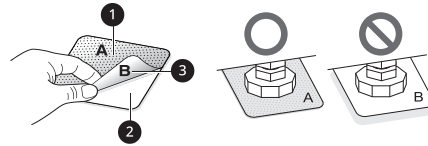
- Turn the locknuts counterclockwise and tighten them when the washer is level.

**Using Non-Skid Pads**

If you install the washer on a slippery surface, it may move because of excessive vibration. Incorrect leveling may cause malfunction through noise and vibration. If this occurs, install the non-skid pads under the leveling feet and adjust the level.

- 1** Clean the floor to attach the non-skid pads.
  - Use a dry rag to remove and clean foreign objects or moisture. If moisture remains, the non-skid pads may slip.
- 2** Adjust the level after placing the washer in the installation area.
- 3** Place the adhesive side ③ of the non-skid pad on the floor.
  - It is most effective to install the non-skid pads under the front leveling feet. If it is hard to place the pads under the front

leveling feet, place them under the back leveling feet.



- 1** This side up
- 2** Remove backing

**4** Recheck the washer's levelness.

- Push or rock the top edges of the washer gently to make sure the washer does not rock. If the washer rocks, level the washer again.

**Final Installation Check****Connecting to the Power Supply**

Plug the washer into a **120 V, 60 Hz** grounded 3-prong outlet.

**⚠ WARNING**

- Do not use a worn or damaged power cord or power plug. Replace or repair it immediately. Failure to do so may result in death, fire, electric shock, or malfunction.
- Do not modify the power cord and plug provided with the appliance. Do not damage it when installing or moving the appliance. Doing so may result in death, fire, electric shock, or malfunction.
- Make sure that the appliance is grounded.
- Connect this appliance to a grounded outlet conforming to the rating prior to use. Failure to do so may result in fire, electric shock, or malfunction.
- Do not damage or cut off the ground prong of the power cord. Doing so may cause death, fire, electric shock, or product malfunction.
- Improper connection of the equipment grounding conductor can result in risk of electric shock. Check with a qualified electrician or service technician if you are in doubt as to whether the appliance is properly grounded. If the plug does not fit the outlet, have a proper outlet installed by a qualified electrician.
- The appliance and outlet must be positioned so that the plug is easily accessible.

## 16 INSTALLATION

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### **WARNING**

- Do not use an adapter or extension cord. Doing so may result in serious injury, fire, electric shock, or death.
  - For best performance, plug the appliance into its own individual outlet. This helps prevent overloading house wiring circuits which could cause a fire hazard from overheated wires.
  - If necessary, use a new, UL-listed extension cord with a 3-prong (grounding) plug rated at no less than the branch circuit. Do not use an extension cord longer than 3 feet. Failure to follow these warnings may result in serious injury, fire, electric shock, or death.
- 

### Testing the Washer

Check if the washer is properly installed and run a test cycle.

- 1** Load the washer with 6 thick bath towels (approximately 6 pounds).
- 2** Press the **Power** button.
- 3** Turn the knob and select the **Quick Wash** cycle.
- 4** Press the **Start/Pause** button to start the wash cycle.
- 5** Make sure that water is supplied, that the washer does not rock or vibrate excessively, and that it drains well during the spin cycle.

### **NOTE**

- If water leaks during water supply, see **Connecting the Water Inlet Hoses** to connect them properly.
  - If the washer rocks and vibrates excessively, see **Leveling the Washer** to level it again.
  - If the drain does not work, see **Connecting the Drain Hose** to install the hose properly.
-



# OPERATION

## Before Use

### WARNING

- To reduce the risk of fire, electric shock, or injury to persons, read the SAFETY INSTRUCTIONS before operating this appliance.

## Operation Overview

- 1** Sort laundry and load the washer.
  - Sort laundry by fabric type, soil level, color and load size as needed. Open the door and load items into the washer.
  - If using single-use detergent packs, or gel or tablet detergents, place them in the drum before loading the laundry.
- 2** Add cleaning products.
  - Add the proper amount of HE (High-Efficiency) detergent to the detergent dispenser.
  - If desired, add bleach or fabric softener to the appropriate areas of the dispenser drawer.
  - Do not place liquid or powdered detergent packs, or gel or tablet detergents in the dispenser.
- 3** Turn on the washer.
  - Press the **Power** button to turn on the washer.
- 4** Select a cycle.
  - Turn the cycle selector knob until the desired cycle is selected and press the **✓(OK)** button.
  - The preset wash temperature, spin speed, soil level and option settings for the selected cycle are shown.
  - The **Normal** cycle must be selected in order to change its default settings.
  - Pressing the **Start/Pause** button without selecting a cycle immediately starts the **Normal** cycle with the default settings.
- 5** Adjust settings.
  - Default settings for the selected cycle can be changed, if desired, using the cycle modifier and option buttons.
  - Not all modifiers and options are available on all cycles. A different chime sounds and the LED does not light up if the selection is not allowed.
- 6** Begin cycle.
  - Press the **Start/Pause** button to begin the cycle. The door locks, and the washer agitates briefly without water to measure the weight of the load.
  - If the **Start/Pause** button is not pressed within a certain time, the washer shuts off and all settings are lost.

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### 7 End of cycle.

- When the cycle is finished, a melody sounds. Immediately remove the clothing from the washer to reduce wrinkling.
- Check around the door seal when removing the load for small items that may be caught in the seal.

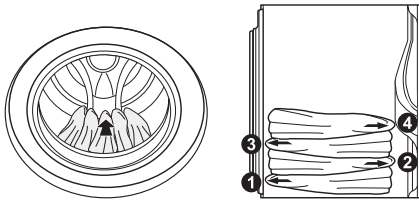
### NOTE

- The washer rotates the laundry in a way that allows it to use less water while still fully saturating the clothing. It is normal to be unable to see water during the wash cycle.
- If the temperature or the water level inside the machine is too high, the door will not unlock when the **Start/Pause** button is pressed, and the **Add Garments** function will not be available (on applicable models). To stop a cycle and drain the water completely, turn the power off, then on, and then select **Quick Wash**.

## Loading the Washer

### General Tips

- Check and empty pockets. Paper clips, coins, matches, and other items can damage clothing and the washer.
- Close zippers and hooks, and tie drawstrings to prevent snagging or tangling of clothes.
- Pretreat heavily stained areas for best results.
- Brush off heavy soil, dust, and hair from items before washing. Excess dirt or sand can abrade other fabrics and lead to poor wash performance.
- For best performance, load clothes as shown.



- Do not press down on items while stacking them in the drum.
- Load clothes loosely, and do not overfill the drum. Clothes need room to circulate in order to get clean.
- Combine large and small items in the drum. Load large items first. Large items should not be more than half of the total load.
- The washer can be fully loaded, but the drum should not be tightly packed with items. The door of the washer must close easily.
- The washer will not fill or operate with the door open.

### CAUTION

- Clothing or articles that are waterproof or water-resistant must be washed in the **Waterproof, Bedding, Bulky/Large, or Jumbo Wash** cycle only. (Examples include water resistant clothing, mattress covers, outdoor clothes, and plastic mats.) Failure to do so may result in personal injury or damage to the washer, clothes, walls, floor, and surrounding objects due to abnormal vibration.

### Bulky Items

- Wash thick, bulky items individually. Heavy blankets, comforters, bedspreads, or pet beds can get tangled or cause an unbalanced load if combined with other items.

### Small Items

- Do not wash a single small item. Add enough similar items to the load to prevent an out-of-balance load.
- Wash small, light items in a mesh bag. Small items can get caught in the impeller at the bottom of the drum, and brassiere hooks can snag on other clothing or the drum.

### Additional Operation Information

The complete owner's manual can be found on the LG website at: <http://gscs-manual.lge.com/>

**Total/DFZ/NA/FL/FX/main.html** or by scanning the QR code.



- Sorting Laundry
- Adding Cleaning Products
- Control Panel
- Wash Cycles
- Cycle Modifiers
- Options and Extra Functions

## 20 SMART FUNCTIONS

# SMART FUNCTIONS

## Using LG ThinQ Application

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

### LG ThinQ Application Features

For the product that contains the Wireless LAN module

- **Remote Start**
  - Control the appliance remotely from the **LG ThinQ** application.
- **Downloaded**
  - Download new and specialized cycles that are not included in the standard cycles on the appliance.
- **Tub Clean Coach**
  - Find out how many cycles remain before it is time to run the **Tub Clean** cycle.
- **Energy Monitoring**
  - Keep track of the washer's power consumption and how it is affected by your selected wash cycles and options.
- **Smart Diagnosis™**
  - This function provides useful information for diagnosing and solving issues with the appliance based on the pattern of use.
- **Push Alerts**
  - When the cycle is complete or the appliance has problems, you will receive a push message.
- **Settings**
  - Set various options on the appliance and in the application.

#### 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.

## Installing LG ThinQ Application and Connecting an LG Appliance

### Models with QR Code

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



### Models without QR Code

- 1 Search for and install the **LG ThinQ** application from the Google Play Store or Apple App Store on a smartphone.
- 2 Run the **LG ThinQ** application and sign in with your existing account or create an LG account to sign in.
- 3 Touch the add (+) button on the **LG ThinQ** application to connect your LG appliance. Follow the instructions in the application to complete the process.

#### NOTE

- You may be asked to provide a password to connect to the LG network (not your home network) during the Wi-Fi setup. The password is the last 4 characters of the network name, repeated twice, with no spaces. For example, if the network name appears as LG\_XXXX\_8b92, then you would enter 8b928b92 as your password. The password is case sensitive and the last 4 characters are unique to your appliance.
- To verify the Wi-Fi connection, check that the Wi-Fi indicator on the control panel is lit.
- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact

your Internet service provider or refer to your wireless router manual.

- **LG ThinQ** is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- The surrounding wireless environment can make the wireless network service run slowly.
- If the distance between the appliance and the wireless router is too far, the signal becomes weak. It may take a long time to connect or fail to install the application.
- 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.
- 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.
- To disable the Wi-Fi function, press and hold the **Wi-Fi** button for 3 seconds. The Wi-Fi indicator will be turned off.
- To reconnect the appliance or add another user, press and hold the **Wi-Fi** button for 3 seconds to temporarily turn it off. Run the **LG ThinQ** application and follow the instructions in the application to connect the appliance.

## Using the Appliance Remotely

### Remote Start

Use a smartphone to control your appliance remotely. You can also monitor your cycle operation so you know how much time is left in the cycle.

### Using Remote Start

- 1** Put the laundry in the drum. Add detergent to the detergent dispenser drawer.
  - If desired, add bleach to the appropriate section of the dispenser.
- 2** Press the **Power** button.
- 3** Press the **Options** button, turn the knob to select **Remote Start** and press the **✓(OK)** button.
- 4** Turn the knob to select **On** and press the **✓(OK)** button to enable the remote control function.
- 5** Start a cycle from the **LG ThinQ** application on your smartphone.

#### NOTE

- Once this function is enabled, you can only start a cycle from the **LG ThinQ** smartphone application. If the cycle is not started, the appliance will wait to start the cycle until it is turned off remotely from the application or the remote function is disabled.
- If the door has been opened, you cannot start a cycle remotely.

### Disabling Remote Start Manually

When the function is activated, press the **Options** button, turn the knob to select **Remote Start** and press the **✓(OK)** button. Turn the knob to select **Off** and press the **✓(OK)** button.

### Download Cycle

You can download new and specialized cycles that are not included in the standard cycles on the appliance.

Appliances that have been successfully connected can download a variety of specialty cycles specific to the appliance.

Once cycle download is completed in the appliance, the product keeps the downloaded cycle until a new cycle is downloaded.

#### NOTE

- Only one downloaded cycle can be stored on the appliance at a time.

## 22 SMART FUNCTIONS

### Radio Equipment Specifications

To identify the RF module installed in the appliance, refer to the label attached to the appliance.

Type	Frequency Range	Output Power (Max)
Wireless LAN	2412 - 2462 MHz	< 30 dBm
Bluetooth	2402 - 2480 MHz	

### 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 to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

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

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.

### Industry Canada Statement

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

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

### IC Radiation Exposure Statement

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

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

### NOTE

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

### Open Source Software Notice Information

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

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

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

## Smart Diagnosis™ 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.

## Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

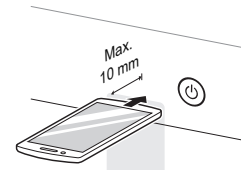
- Launch the **LG ThinQ** application and select the **Smart Diagnosis™** feature in the menu. Follow the instructions for audible diagnosis provided in the **LG ThinQ** application.

- 1 Press the **Power** button to turn on the appliance.
- 2 Press the **Options** button.
- 3 Turn the knob to select **Additional Settings** and press the ✓(**OK**) button.

- 4 Turn the knob to select **Smart Diagnosis** and press the ✓(**OK**) button.

- 5 Place the mouthpiece of your smartphone close to the **Power** button and press the ✓(**OK**) button.

- Hold the smartphone mouthpiece to the **Power** button until the data transfer is complete.



- 6 After the data transfer is complete, the washer will turn off.

### NOTE

- For best results, do not move the smartphone while the tones are being transmitted.

24 MAINTENANCE

# MAINTENANCE

## ⚠ WARNING

- To reduce the risk of fire, electric shock, or injury to persons, read this entire owner's manual, including the **SAFETY INSTRUCTIONS**, before operating this appliance.
- Unplug the appliance before cleaning to avoid the risk of electric shock. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- Do not use volatile substances (benzene, paint thinner, alcohol, acetone, etc.), abrasive cleaners, or detergents with strong chemical components when cleaning the appliance. Doing so may cause discoloration or damage to the appliance, or may cause a fire.
- Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. Service personnel - Do not contact the following parts while the appliance is energized: pump, valve, motor, control board.

## Regular Cleaning

### Care after Wash

After the cycle is finished, wipe the door and the inside of the door seal to remove any moisture.

- Wipe the body of the washer with a dry cloth to remove any moisture.
- Leave the door open to dry the drum interior.

## ⚠ WARNING

- Make sure children and pets do not climb into the drum. Engage the **Control Lock** feature if needed to prevent children from accidentally starting a wash cycle.

## Cleaning the Exterior

Proper care of your washer can extend its life.

### Door:

Wash with a damp cloth on the outside and inside and then dry with a soft cloth.

### Exterior:

- Immediately wipe off any spills.

- Wipe with a damp cloth.
- Do not touch the surface or the display with sharp objects.

## Periodic Maintenance

- Use a towel or soft cloth to wipe around the washer door opening and door glass.
- Always remove items from the washer as soon as the cycle is complete. Leaving damp items in the washer can cause wrinkling, color transfer, and odor.

## Cleaning the Drum

Over time, residue may build up in the drum, leading to mildew or a musty odor. Run the **Tub Clean** cycle **monthly** to remove residue and prevent odor.

## NOTE

- Make sure to run the **Tub Clean** cycle only when the drum is empty. Never load laundry while using this cycle. The laundry may be damaged or contaminated with cleaning products.
- Run the cycle more often under heavy use conditions or if odor is already present.
- If mildew or musty smell already exists, run this cycle once a week for three consecutive weeks.

**1** Remove any clothing from the drum.

**2** Add cleaning agents.

Cleaner	Instructions
Drum cleaner	Add to main detergent compartment of detergent dispenser
Lime scale remover	
Liquid chlorine bleach	Add to bleach compartment of detergent dispenser.
Powdered cleaner	Pull out liquid detergent cup before adding to main detergent compartment
Cleaning tablets	Place directly into the washer drum.

- For other drum cleaning products, follow the cleaner manufacturer's instructions and recommendations.



- Do not exceed the maximum fill line when adding bleach or powdered cleaners. Powdered cleaners may remain in the drum after cleaning.

- 3 Close the door and press the **Power** button.
- 4 Select the **Tub Clean** cycle and press the **Start/Pause** button to begin the cycle.
- 5 After the cycle ends, open the door and allow the drum interior to dry completely.

#### **⚠ WARNING**

- Make sure children and pets do not climb into the drum. Engage the **Control Lock** feature if needed to prevent children from accidentally starting a wash cycle.

#### **NOTE**

- If you use a descaler or drum cleaner during the **Tub Clean** cycle, use the **Rinse+Spin** option to rinse the washer drum before running your next wash cycle.

## Removing Mineral Buildup

In areas with hard water, mineral scale can form on internal components of the washer. Periodically clean the mineral buildup on the internal components to extend the lifespan of the washer. Use of a water softener is recommended in areas with hard water.

- Use a descaler to remove visible mineral buildup on the washer drum.
- After descaling, always run the **Tub Clean** cycle before washing clothing.
- Mineral scale and other spots may be removed from the stainless steel drum using a soft cloth soaked in stainless steel cleaner.
- Do not use steel wool or abrasive cleaners.

## Leaving the Door Open

After you finish using the washer, leave the door open overnight to allow air to circulate and dry the drum. This helps prevent odors.

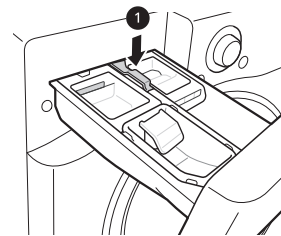
## Cleaning the Dispenser Drawer

Leaving detergent in the detergent dispenser drawer for an extended period of time or using the washer for a long period of time may cause the build-up of residue in the detergent dispenser drawer. Remove and clean the detergent dispenser drawer **once or twice a month**.

#### **⚠ WARNING**

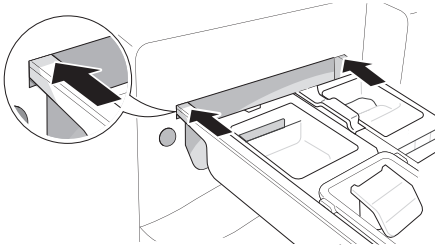
- Do not spray water inside the washer. Doing so may cause fire or electric shock.

- 1 Turn off the washer, and unplug the power cord.
- 2 Pull the drawer straight out until it stops.
- 3 Press down hard on the disengage button **1** and pull the drawer completely out.



- 4 Remove the inserts from the drawer.
- 5 Clean the inserts and drawer with warm water.
  - Use a soft cloth or brush to clean and to remove any residue.
  - Do not use soap when cleaning the drawer and inserts.
- 6 Wipe off any moisture with a dry towel or cloth after cleaning.
- 7 To clean the drawer opening, use a small, non-metal brush to clean the recess. Remove all residue from the upper and lower parts of the recess.
- 8 Replace the drawer.

## 26 MAINTENANCE



### Cleaning the Door Seal

Clean the door seal **once a month** to prevent build-up of dirt.

#### ⚠ CAUTION

- Cleaning the door seal with undiluted bleach may cause malfunction of the door seal and washer parts. You must add water to the bleach before using it.

- 1 Wear rubber gloves and protective goggles.
- 2 Dilute 3/4 cup (177 mL) of liquid chlorine bleach in 1 gallon (3.8 L) of water.
- 3 Wipe around the door seal.
  - Soak a sponge or a soft cloth in this diluted solution and wipe all around the door seal.
- 4 Wipe up any moisture with a dry towel or cloth after cleaning.
- 5 Leave the door open to allow the door seal to dry completely.

### Cleaning the Water Inlet Filters

If the washer does not fill properly, an error message will appear on the display. The inlet valve filter screens could be clogged by hard water scale, sediment in the water supply, or other debris.

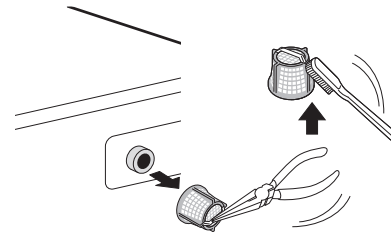
#### ⚠ WARNING

- The inlet screens protect the delicate parts of the inlet valve from being damaged by particles that could enter the valves with the water supply. Operating the washer with these filters removed could cause a valve to open continuously, resulting in flooding and/or property damage.

#### ⚠ CAUTION

- Do not use the washer without the inlet filters. Doing so will cause leaks and malfunction.
- If you use the washer in an area with hard water, the inlet filter may clog due to lime buildup and require more frequent cleaning.

- 1 Turn off the washer, and unplug the power cord.
- 2 Turn off hot and cold water faucets.
- 3 Unscrew the hot and cold water hoses from the back of the washer.
- 4 Remove the filters from the water valves carefully.
  - Use pliers to pull out the filters from the water valves.



- 5 Remove foreign objects and soak the filters in white vinegar or a lime scale remover.
  - If using a lime scale remover, follow the manufacturer's instructions. Be careful not to damage the filters while cleaning them.
- 6 Rinse filters thoroughly and press them back into place.
- 7 Flush then reattach the water hoses.
  - Before reattaching the water inlet hoses, flush them by running several gallons of water through them into a bucket or drain, preferably with the faucets wide open for maximum flow.

#### NOTE

- A **Water supply** error message appears on the display when the water pressure is low or an inlet filter is clogged with dirt. Clean the inlet filter.

## Cleaning the Drain Pump Filter

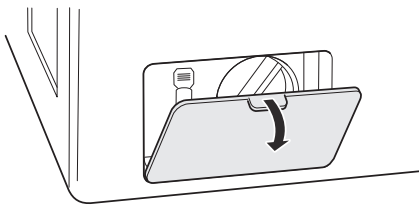
The washer fails to drain if the drain pump filter is clogged. Periodically clean the drain filter to prevent clogging with foreign objects.

### ⚠ WARNING

- Opening the drain filter will result in water overflowing if there is water in the drum. Use a bucket if the drum is not completely drained before you open the drain filter.
- Using the washer without the drain filter or with an incorrectly assembled drain filter may cause leaks or malfunction of the washer.

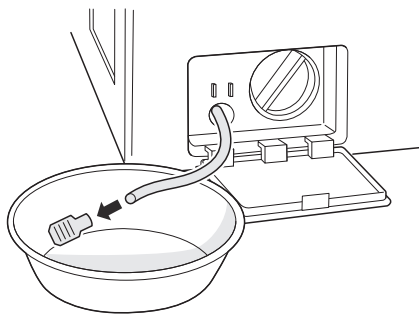
**1** Turn off the washer, and unplug the power cord.

**2** Open the drain pump filter cover.



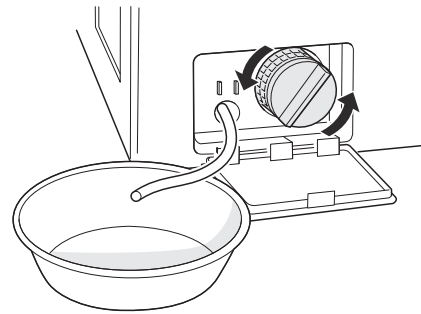
**3** Drain any remaining water.

- Unclip the drain hose and remove the plug from the drain hose to drain the remaining water.

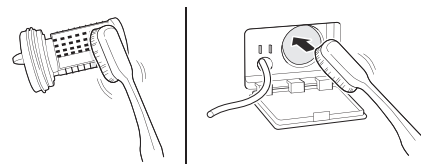


**4** Remove the pump filter.

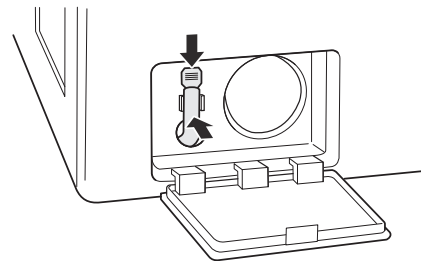
- Twist the pump filter counterclockwise to remove.



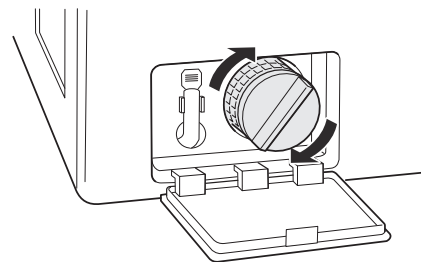
**5** Clean the pump filter and opening.



**6** Reassemble the plug onto the drain hose and reclip the drain hose.



**7** Insert the drain pump filter and twist it clockwise.



**8** Close the drain pump filter cover.

### NOTE

- A **Drainage** message appears on the display when the drain pump filter is clogged with dirt. Clean the drain pump filter.

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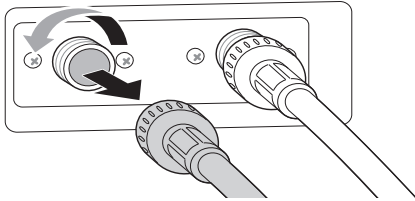
### Care in Cold Climates

#### Storing the Washer

If the washer will not be used for an extended period of time and is in an area that could be exposed to freezing temperatures, follow these steps to protect the washer from damage.

#### NOTE

- Make sure the drum is empty before following these steps.

- 1 Turn off the washer, and unplug the power cord.
  - 2 Turn off the water faucets.
  - 3 Disconnect the water inlet hoses. Drain any water from the hoses.
- 
- 4 Plug the power cord into a properly grounded electrical outlet.
  - 5 Add 1 gallon of nontoxic recreational vehicle (RV) antifreeze to the empty drum and close the door.
    - Never use automotive antifreeze.
  - 6 Turn on the washer and press the **Spin** button.
  - 7 Press the **Start/Pause** button to start the drain pump for **1 minute**.
    - This will expel some of the antifreeze, leaving enough to protect the washer from damage.
  - 8 Turn off the washer and unplug the power cord.

- 9 Dry the drum interior with a soft cloth, and close the door.
- 10 Store the washer in an upright position.
- 11 Remove the inserts from the dispenser. Drain any water in the compartments and let them dry.
- 12 To remove the antifreeze from the washer after storage, run the **Rinse+Spin** cycle using detergent.
  - Do not add laundry to this cycle.

#### When the Water Inlet Hoses Are Frozen

- 1 Turn off the washer, and unplug the power cord.
- 2 Turn off the faucets connected to the water inlet hoses.
- 3 Pour hot water on the frozen faucets to thaw the water inlet hoses and remove the water inlet hoses.
- 4 Immerse the water inlet hoses in hot water to thaw them.
- 5 Reconnect the water inlet hoses to the water inlets of the washer and to the faucets.
  - See **Connecting the Water Inlet Hoses** for details.
- 6 Turn on the faucets.
- 7 Press the **Power** button to turn on the washer.
- 8 Turn the knob to select **Spin Only** cycle for draining and spinning.
- 9 Press the **Start/Pause** button.

## When the Drain Hose Is Frozen

- 1** Pour hot water in the washer drum and close the door.
- 2** Wait for **1 - 2 hours**.
- 3** Press the **Power** button.
- 4** Turn the knob to select **Spin Only** cycle for draining and spinning.
- 5** Press the **Start/Pause** button to make sure the water drains.

## 30 TROUBLESHOOTING

# TROUBLESHOOTING

## Before Calling for Service

The washer is equipped with an automatic error-monitoring system to detect and diagnose problems at an early stage. If the washer does not function properly or does not function at all, check the following before you call for service.

### FAQs

- Q: Why does my washer make loud banging noises while it is filling with water?**
- A:** This is actually a problem with the plumbing in your home. When the water valve in the washer shuts off, it can cause pipes in your home to move, resulting in a loud banging noise. This effect, called water hammer, can be reduced by installing an item called a water hammer arrestor. Add-on arrestors can be purchased through your local hardware or home improvement store.
- Q: Why is there so little water in my washer? How can it clean the clothes?**
- A:** HE (High-Efficiency) washers are designed to properly wash your laundry while using a minimum amount of water and energy. Because the water volume is low, the small amount of detergent used is more concentrated in the water, resulting in excellent cleaning performance.
- Q: When I press a button, why does my washer beep and then nothing happens?**
- A:** The **Control Lock** feature is turned on. To turn it off, press the **Options** button, turn the knob to select **Control Lock**, and press the ✓(OK) button. Select **Off** and press the ✓(OK) button.
- Q: Where should I pour powdered laundry products when doing my laundry?**
- A:** If you are using powdered laundry detergent, load it in the detergent dispenser after removing the liquid detergent insert (where applicable). Powdered laundry agents or powdered color safe bleach should be put directly into the drum. These products can be put in the empty drum before loading or on top of the laundry after loading the washer.

### Error Messages

Problem	Possible Cause & Solution
<b>Door open</b>	<p><b>The door is opened.</b></p> <ul style="list-style-type: none"> <li>Open and close the door again. If the message keeps appearing, unplug the power cord and call for service.</li> </ul>
<b>Door unlocked</b>	<p><b>The door is not secured.</b></p> <ul style="list-style-type: none"> <li>Check for objects around the door and door seal. If the message keeps appearing, unplug the power cord and call for service.</li> </ul>
<b>Water supply</b>	<p><b>Water supply faucets are not fully open.</b></p> <ul style="list-style-type: none"> <li>Make sure that the water faucets are fully open.</li> </ul>
	<p><b>Water inlet hoses are kinked, pinched, or crushed.</b></p> <ul style="list-style-type: none"> <li>Make sure that the hoses are not kinked, pinched or crushed behind or under the washer. Be careful when moving the washer during cleaning or maintenance.</li> </ul>
	<p><b>Water inlet filters are clogged.</b></p> <ul style="list-style-type: none"> <li>Clean the inlet filters. See <b>MAINTENANCE</b>.</li> </ul>

Problem	Possible Cause & Solution
<b>Water supply</b>	<p><b>Water supply pressure to faucet or house is too low.</b></p> <ul style="list-style-type: none"> <li>• Check another faucet in the house to make sure that household water pressure is adequate and flow is not restricted.</li> <li>• Disconnect the water inlet hoses from the washer and run a few gallons of water through the hoses to flush out any dirt.</li> <li>• If flow is too low, contact a plumber to have the water supply lines repaired.</li> </ul>
	<p><b>Water supply connected with leak-limiting hoses.</b></p> <ul style="list-style-type: none"> <li>• The use of hoses designed to limit leaks is not recommended. Leak limiting hoses can trip falsely and prevent the washer from filling.</li> </ul>
<b>Drainage</b>	<p><b>Drain hose is kinked, pinched, or clogged.</b></p> <ul style="list-style-type: none"> <li>• Make sure that the drain hose is free of clogs or kinks and is not pinched behind or under the washer.</li> </ul>
	<p><b>The end of the drain hose is more than 96 inches (2.4 m) above the bottom of the washer.</b></p> <ul style="list-style-type: none"> <li>• Move the end of the drain hose so that it is lower than <b>96 inches (2.4 m)</b>. For best performance, the end of the drain hose should be no higher than <b>66 inches (168 cm)</b>.</li> </ul>
<b>Unbalance</b>	<p><b>The load is too small.</b></p> <ul style="list-style-type: none"> <li>• Add additional items to allow the washer to balance the load.</li> </ul>
	<p><b>Heavy articles are mixed with lighter items.</b></p> <ul style="list-style-type: none"> <li>• Always try to wash articles of somewhat similar weight to allow the washer to evenly distribute the weight of the load for spinning.</li> </ul>
	<p><b>The load is out of balance.</b></p> <ul style="list-style-type: none"> <li>• Manually redistribute the load if articles have become tangled, preventing the automatic rebalancing from working properly.</li> </ul>
<b>No water detected</b>	<p><b>The water level sensor is not working correctly.</b></p> <ul style="list-style-type: none"> <li>• Close the water faucets, unplug the washer, and call for service.</li> </ul>
<b>Motor error</b>	<p><b>A motor error has occurred.</b></p> <ul style="list-style-type: none"> <li>• Allow the washer to stand for 30 minutes and then restart the cycle.</li> <li>• If the error code is still displayed, call for service.</li> </ul>
<b>Water too high</b>	<p><b>Water level is too high due to a faulty water valve.</b></p> <ul style="list-style-type: none"> <li>• Close the water faucets, unplug the washer, and call for service.</li> </ul>
<b>Freeze error</b>	<p><b>Inlet hose, drain hose or drain pump is frozen.</b></p> <ul style="list-style-type: none"> <li>• See Care in Cold Climates.</li> </ul>
<b>No temp detected</b>	<p><b>Control error.</b></p> <ul style="list-style-type: none"> <li>• Unplug the washer and wait 60 minutes. Reconnect power and try again.</li> <li>• If the error code is still displayed, call for service.</li> </ul>
<b>Vibration sensor</b>	<p><b>Vibration sensor is malfunctioning.</b></p> <ul style="list-style-type: none"> <li>• Call for service.</li> </ul>
<b>Steam error</b>	<p><b>The steam function did not work properly.</b></p> <ul style="list-style-type: none"> <li>• Call for service.</li> </ul>
<b>Power failure</b>	<p><b>There was a power interruption or the power cord was not properly plugged in.</b></p> <ul style="list-style-type: none"> <li>• Plug in the power cord or press the <b>Start/Pause</b> button to restart the cycle.</li> </ul>
<b>Oversudsing</b>	<p><b>Too much detergent was used.</b></p> <ul style="list-style-type: none"> <li>• Do not add more than the recommended amount of detergent.</li> </ul>

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Problem	Possible Cause & Solution
<b>Oversudsing</b>	<b>Too much sudsing detected.</b> <ul style="list-style-type: none"> <li>The washer will operate the suds reduction cycle for about 2 hours.</li> </ul>
<b>Voltage abnormality</b>	<b>Abnormal voltage detected.</b> <ul style="list-style-type: none"> <li>Unplug the power plug. If error recurs, call for service.</li> </ul>

### Wi-Fi

Problem	Possible Cause & Solution
<b>Trouble connecting appliance and smartphone to Wi-Fi network</b>	<b>The password for the Wi-Fi network was entered incorrectly.</b> <ul style="list-style-type: none"> <li>Delete your home Wi-Fi network and begin the connection process again.</li> </ul>
	<b>Mobile data for your smartphone is turned on.</b> <ul style="list-style-type: none"> <li>Turn off the <b>Mobile data</b> on your smartphone before connecting the appliance.</li> </ul>
	<b>The wireless network name (SSID) is set incorrectly.</b> <ul style="list-style-type: none"> <li>The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)</li> </ul>
	<b>The router frequency is not 2.4 GHz.</b> <ul style="list-style-type: none"> <li>Only a 2.4 GHz router frequency is supported. Set the wireless router to 2.4 GHz and connect the appliance to the wireless router. To check the router frequency, check with your Internet service provider or the router manufacturer.</li> </ul>
	<b>The appliance and the router are too far apart.</b> <ul style="list-style-type: none"> <li>If the appliance is too far from the router, the signal may be weak and the connection may not be configured correctly. Move the router closer to the appliance or purchase and install a Wi-Fi repeater.</li> </ul>
	<b>LG ThinQ is asking for a password to connect to the product.</b> <ul style="list-style-type: none"> <li>If you are asked to provide a password to connect to the <b>product</b> (not to your home network) during the Wi-Fi setup, enter the last 4 characters of the network name, repeated twice, with no spaces. For example, if the network name appears as LG_XXXX_8b92, then you would enter 8b928b92 as your password. The password is case sensitive and the last 4 characters are unique to your appliance.</li> </ul>



# LIMITED WARRANTY

## USA

### TERMS AND CONDITIONS

**ARBITRATION NOTICE: THIS LIMITED WARRANTY CONTAINS AN ARBITRATION PROVISION THAT REQUIRES YOU AND LG ELECTRONICS (“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.**

Should your LG Washer (“Product”) fail due to a defect in materials or workmanship under normal and proper use, during the warranty period set forth below, LG will, at its option, repair or replace the Product. This limited warranty is valid only to the original retail purchaser of the Product (“You”) and applies only when purchased lawfully and used within the United States including U.S. Territories.

WARRANTY PERIOD		
Washer	Direct Drive Motor (Stator or Rotor)	Stainless Steel Drum
Parts (internal/ functional parts only) and Labor: One (1) year from the date of original retail purchase	Parts Only: Ten (10) years from the date of original retail purchase You are responsible for any applicable labor cost.	Parts Only: Three (3) years from the date of original retail purchase You are responsible for any applicable labor cost.

- Replacement Products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
- Replacement Products and parts may be new, reconditioned, refurbished, or otherwise factory remanufactured.
- Replaced Product or part(s) will be the property of LG.
- Proof of original retail purchase specifying the Product model and date of purchase is required to obtain warranty service under this limited warranty.

**EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THE PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THE ABOVE LIMITED WARRANTY. UNDER NO CIRCUMSTANCES SHALL LG OR ITS U.S. DISTRIBUTORS/DEALERS BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR PUNITIVE DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST GOODWILL, LOST REVENUES OR PROFITS, WORK STOPPAGE, IMPAIRMENT OF OTHER GOODS, COST OF REMOVAL AND REINSTALLATION OF THE PRODUCT, LOSS OF USE, OR ANY OTHER DAMAGES WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. LG’S TOTAL LIABILITY, IF ANY, SHALL NOT EXCEED THE PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.**

**SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.**

### THIS LIMITED WARRANTY DOES NOT COVER:

- Service trips to deliver, pick up, or install, educate how to operate, correct wiring, or correct unauthorized repairs.
- Damage or failure of the Product to perform during power failures and interrupted or inadequate electrical service.
- Damage or failure of the Product caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.

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- Damage or failure of the Product resulting from operating the Product in a corrosive atmosphere or contrary to the Product owner's manual.
- Damage or failure of the Product caused by accidents, pests and vermin, lightning, wind, fire, floods, acts of nature, or any other causes beyond the control of LG.
- Damage or failure of the Product caused by unauthorized modification or alteration, or if the Product is used for other than the intended purpose, or any water leakage where the Product was not properly installed.
- Damage or failure of the Product caused by incorrect electrical current, voltage, or plumbing codes.
- Damage or failure of the Product caused by transportation, storage, and/or handling, including scratches, dents, chips, and/or other damage to the finish of the Product, unless such damage is reported within one (1) week of delivery.
- Damage or failure of the Product resulting from misuse, abuse, improper installation, repair, or maintenance. Improper repair includes the use of parts not authorized by LG. Improper installation or maintenance includes installation or maintenance contrary to the Product owner's manual.
- Damage or failure of the Product caused by the use of parts, components, accessories, consumable cleaning products, or any other products or services that were not authorized by LG.
- Damage or missing items to any display or open box Product.
- Refurbished Product or any Product sold "As Is", "Where Is", "With all Faults", or similar disclaimer.
- Products with original serial numbers that have been removed, altered, or cannot be readily determined.
- Increases in utility costs and additional utility expenses.
- Any noises associated with normal operation.
- Products used for other than normal and proper household use (e.g., commercial or industrial use) or contrary to the Product owner's manual.
- Costs associated with removal and reinstallation of the Product for repairs, or the removal and reinstallation of the Product if it is installed in an inaccessible location or not installed in accordance with the Product Owner's manual.
- Accessories, removable components, or consumable parts (e.g. Shelves, door bins, drawers, water/air filters, racks, light bulbs, batteries, etc., as applicable), except for internal/functional parts covered under this limited warranty.

**The cost of repair or replacement under these excluded circumstances shall be borne by You.**

TO OBTAIN WARRANTY SERVICE AND ADDITIONAL INFORMATION

Call 1-800-243-0000 and select the appropriate option from the menu.

Or visit our website at <http://www.lg.com>

Or by mail: LG Electronics Customer Service P.O. Box 240007 Huntsville, AL 35813 ATTN: CIC

### 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 111 Sylvan Avenue, Englewood Cliffs, NJ 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 111 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://>

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[www.lg.com/us/support/repair-service/schedule-repair-continued](http://www.lg.com/us/support/repair-service/schedule-repair-continued) 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.

# CANADA

## 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 THE LAWS OF YOUR PROVINCE OR TERRITORY DO NOT PERMIT THAT, OR, IN OTHER JURISDICTIONS, IF 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.**

Should your LG Washer ("Product") fail due to a defect in materials or workmanship under normal and proper use, during the warranty period set forth below, LG Electronics Canada, Inc. ("LGECI") will, at its option, repair, replace or pro rate the Product upon receipt of proof of the original retail purchase. This limited warranty is valid only to the original retail purchaser of the Product and applies only to a Product distributed, purchased from an authorized retailer and used within Canada, as determined at the sole discretion of LGECI.

<b>WARRANTY PERIOD (Note: If the original date of purchase cannot be verified, the warranty will begin sixty (60) days from the date of manufacture)</b>		
<b>Washer</b>	<b>Stainless Steel Drum</b>	<b>Direct Drive Motor (Stator or Rotor)</b>
One (1) year from the date of original retail purchase	Three (3) years from the date of original retail purchase	Ten (10) years from the date of original retail purchase
Parts and Labor (internal/functional parts only)	Parts only (Consumer will be charged for labor)	Part only (Consumer will be charged for labor)

- Replacement products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
- Replacement products and parts may be new, reconditioned, refurbished, or otherwise factory remanufactured, all at the sole discretion of LGECI.
- Proof of original retail purchase specifying the Product model and date of purchase is required to obtain warranty service under this Limited Warranty.

**LGECI'S SOLE LIABILITY IS LIMITED TO THE LIMITED WARRANTY SET OUT ABOVE. EXCEPT AS EXPRESSLY PROVIDED ABOVE, LGECI MAKES NO, AND HEREBY DISCLAIMS, ALL OTHER WARRANTIES AND CONDITIONS RESPECTING THE PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND NO REPRESENTATIONS SHALL BE BINDING ON LGECI. LGECI DOES NOT AUTHORIZE ANY PERSON TO CREATE OR ASSUME FOR IT ANY OTHER WARRANTY OBLIGATION OR LIABILITY IN CONNECTION WITH THE PRODUCT. TO THE EXTENT THAT ANY WARRANTY OR CONDITION IS IMPLIED BY LAW, IT IS LIMITED TO THE WARRANTY PERIOD SET OUT ABOVE. UNDER NO CIRCUMSTANCES SHALL LGECI, THE MANUFACTURER OR DISTRIBUTOR OF THE PRODUCT, BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, DIRECT, INDIRECT, PUNITIVE OR EXEMPLARY DAMAGES, INCLUDING, WITHOUT LIMITATION, LOSS OF GOODWILL, LOST PROFITS, LOSS OF ANTICIPATED PROFITS, LOST REVENUE, LOSS OF USE, OR ANY OTHER DAMAGE, WHETHER ARISING DIRECTLY OR INDIRECTLY FROM ANY CONTRACTUAL BREACH, FUNDAMENTAL BREACH, TORT OR OTHERWISE, OR FROM ANY ACTS OR OMISSIONS. LGECI'S TOTAL LIABILITY, IF ANY, SHALL NOT EXCEED THE PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.**

This Limited Warranty gives you specific legal rights. You may also have other rights that vary from province to province depending on applicable provincial laws. Any term of this Limited Warranty that negates or varies any implied condition or warranty under provincial law is severable where it conflicts with such provincial law without affecting the remainder of this warranty's terms.

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### THIS LIMITED WARRANTY DOES NOT COVER:

- Service trips to i) deliver, pick up, or install or; educate on how to operate the Product; ii) correct wiring or plumbing; or iii) correct unauthorized repairs or installations of the Product;
- Damage or failure of the Product to perform during power failures and interrupted or inadequate electrical service;
- Damage or failure caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air;
- Damage or failure resulting from operating the Product in a corrosive atmosphere or contrary to the instructions outlined in the Product's owner's manual;
- Damage or failure to the Product caused by accidents, pests and vermin, lightning, wind, fire, floods, acts of God, or any other causes beyond the control of LGECI or the manufacturer;
- Damage or failure resulting from misuse, abuse, improper installation, repair, or maintenance of the Product. Improper repair includes use of parts not authorized or specified by LGECI. Improper installation or maintenance includes installation or maintenance contrary to the Product's owner's manual;
- Damage or failure caused by unauthorized modification or alteration of the Product, or if used for other than the intended household purpose/use of the Product, or damage or failure resulting from any water leakage due to improper installation of the Product;
- Damage or failure caused by incorrect electrical current, voltage or plumbing codes;
- Damage or failure caused by use that is other than normal household use, including, without limitation, commercial or industrial use, including use in commercial offices or recreational facilities, or as otherwise outlined in the Product's owner's manual;
- Damage or failure caused by the use of any accessories, components or cleaning products, including, without limitation, that are not approved/authorized by LGECI;
- Damage or failure caused by transportation and handling, including scratches, dents, chips and/or other damage to the finish of the Product, unless such damage results from defects in materials or workmanship and is reported to LGECI within one (1) week of delivery of the Products;
- Damage or missing items to any display, open box, refurbished or discounted Product;
- Refurbished Product or any Product sold "As Is", "Where Is", "With all Faults", or any similar disclaimer;
- Products with original serial numbers that have been removed, altered or cannot be readily determined at the discretion of LGECI;
- Increases in utility costs and additional utility expenses in any way associated with the Product;
- Replacement of light bulbs, filters, fuses or any other consumable parts;
- Costs associated with removal and/or reinstallation of the Product for repairs;
- Noises associated with normal operation and failure to follow instructions found in the use and care and installation guides or operating the unit in an unsuitable environment will not be covered under this warranty.
- Coverage for "in Home" repairs, for products in-warranty, will be provided if the Product is within a 150 km radius from the nearest authorized service center (ASC), as determined by LG Canada. If your Product is located outside a 150 km radius from a ASC, as determined by LG Canada, it will be your responsibility to bring the Product, at your sole expense, to the ASC for in-warranty repair.

**All costs and expenses associated with the above excluded circumstances, listed under the heading, This Limited Warranty Does Not Cover, shall be borne by the consumer.**

TO OBTAIN WARRANTY SERVICE AND ADDITIONAL INFORMATION, PLEASE CALL OR VISIT OUR WEBSITE:

Call 1-888-542-2623 and select the appropriate option from the menu, or visit our website at <http://www.lg.com>

## PROCEDURE FOR RESOLVING DISPUTES:

EXCEPT WHERE PROHIBITED AT LAW, 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. EXCEPT WHERE PROHIBITED AT LAW, YOU AND LG BOTH IRREVOCABLY AGREE TO WAIVE 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 Canada, 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 LGECI Legal Team at 20 Norelco Drive, North York, Ontario, Canada M9L 2X6 (the “Notice of Dispute”). 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 of LG’s receipt of the Notice of Dispute, the dispute shall be resolved by binding arbitration in accordance with the procedure set out herein. You and LG both agree that, during the arbitration proceeding, the terms (including any amount) of any settlement offer made by either you or LG will not be disclosed to the arbitrator until the arbitrator determines the dispute.

**Agreement to Binding Arbitration and Class Action Waiver.** Upon failure to resolve the dispute during the 30 day period after LG’s receipt of the Notice of Dispute, you and LG agree to resolve any claims between you and LG only by binding arbitration on an individual basis, unless you opt out as provided below, or you reside in a jurisdiction that prevents full application of this clause in the circumstances of the claims at issue (in which case if you are a consumer, this clause will only apply if you expressly agree to the arbitration). To the extent permitted by applicable law, 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, except to the extent such a prohibition is not permitted at law, 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 except to the extent this prohibition is not permitted at law in your province or territory of jurisdiction as it relates to the claims at issue between you and LG.

**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 private and confidential, and conducted on a simplified and expedited basis before a single arbitrator chosen by the parties under the provincial or territorial commercial arbitration law and rules of the province or territory of your residence. You must also send a copy of your written demand to LG at LG Electronics, Canada, Inc., Attn: Legal Department- Arbitration, 20 Norelco Drive, North York, Ontario M9L 2X6. This arbitration provision is governed by your applicable provincial or territorial commercial arbitration legislation. 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 province or territory of your purchase shall govern this Limited Warranty and any disputes between you and LG except to the extent that such law is preempted by or inconsistent with applicable federal or provincial/territorial law. Should arbitration not be permitted for any claim, action, dispute or controversy between you and LG, you and LG attorn to the exclusive jurisdiction of the courts of the province or territory of your purchase for the resolution of the claim, action, dispute or controversy between you and LG.

**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 unless you seek more than \$25,000 in damages, in which case the payment of these fees will be governed by the applicable arbitration rules. Except as otherwise provided for herein, LG will pay all filing, administration and arbitrator fees for any arbitration initiated in accordance with the applicable arbitration 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

## 40 LIMITED WARRANTY

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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 applicable laws), then the payment of all arbitration fees will be governed by the applicable arbitration 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 applicable arbitration 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 (1) on the basis of documents submitted to the arbitrator, (2) through a telephonic hearing, or (3) by an in-person hearing as established by the applicable arbitration rules. If your claim exceeds \$25,000, the right to a hearing will be determined by the applicable arbitration rules. Any in-person arbitration hearings will be held at the nearest, most mutually-convenient arbitration location available within the province or territory in which you reside unless you and LG both agree to another location or agree to a telephonic arbitration.

**Severability and Waiver.** If any portion of this Limited Warranty (including these arbitration procedures) is unenforceable, the remaining provisions will continue in full force and effect to the maximum extent permitted by applicable law. Should LG fail to enforce strict performance of any provision of this Limited Warranty (including these arbitration procedures), it does not mean that LG intends to waive or has waived any provision or part of this Limited Warranty.

**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/ca\\_en/support/repair-service/schedule-repair](https://www.lg.com/ca_en/support/repair-service/schedule-repair) and clicking on "Find My Model & Serial Number").

In the event that you "Opt Out", the law of the province or territory of your residence shall govern this Limited Warranty and any disputes between you and LG except to the extent that such law is preempted by or inconsistent with applicable federal or provincial/territorial law. Should arbitration not be permitted for any claim, action, dispute or controversy between you and LG, you and LG agree to attorn to the exclusive jurisdiction of the courts of the province or territory of your residence for the resolution of the claim, action, dispute or controversy between you and LG.

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.

**Conflict of Terms.** In the event of a conflict or inconsistency between the terms of this Limited Warranty and the End User License Agreement ("EULA") in regards to dispute resolution, the terms of this Limited Warranty shall control and govern the rights and obligations of the parties and shall take precedence over the EULA.





Scan to see the online manual.



# OWNER'S MANUAL

# DRYER

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Read this owner's manual thoroughly before operating the appliance and keep it handy for reference at all times.

## ENGLISH

DL\*X670\*\* / DL\*X650\*\* / DL\*X550\*\*



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# IMPORTANT SAFETY INSTRUCTIONS

## READ ALL INSTRUCTIONS BEFORE USE

### Safety for a Dryer

ENGLISH



#### WARNING

##### Fire Hazard

Failure to follow safety warnings exactly could result in serious injury, death or property damage.

- Do not install a booster fan in the exhaust duct.
- Install all clothes dryers in accordance with the installation instructions of the manufacturer of the dryer.



#### WARNING:

##### FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury, death or property damage.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS**
  - Do not try to light any appliance.
  - Do not touch any electrical switch; do not use any phone in your building.
  - Clear the room, building or area of all occupants.
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or your gas supplier.

## 4 IMPORTANT SAFETY INSTRUCTIONS



### WARNING

#### Risk of Fire

**Install the clothes dryer according to the manufacturer's instructions and local codes.**

- **Clothes dryer installation must be performed by a qualified installer.**
- **Do not install a clothes dryer with flexible plastic venting materials. If flexible metal (foil type) duct is installed, it must be of a specific type identified by the appliance manufacturer as suitable for use with clothes dryers. Flexible venting materials are known to collapse, be easily crushed, and trap lint. These conditions will obstruct clothes dryer airflow and increase the risk of fire.**
- **To reduce the risk of severe injury or death, follow all installation instructions.**

### 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.



#### 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, scalding or injury to persons when using this product, follow basic precautions, including the following:

### Installation

- Adhere to all industry recommended safety procedures including the use of long-sleeved gloves and safety glasses.
- Before use, the appliance must be properly installed as described in this manual.
- Connect to a properly rated, protected, and sized power circuit to avoid electrical overload.

- The appliance must be installed and electrically grounded by qualified service personnel in accordance with local codes.
- Disconnect the power cord, house fuse or circuit breaker before installing or servicing the appliance.
- When moving or installing the appliance in a different location, call qualified service personnel for installation and service.
- Keep packing materials out of the reach of children. Packaging material can be dangerous for children. There is a risk of suffocation.
- Moving or installation of the appliance requires two or more people.
- This appliance is not designed for maritime use or for mobile installations such as in RVs, trailers, or aircraft.
- This appliance must be positioned near to an electrical power supply.
- Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.
- When installing or moving the appliance, be careful not to pinch, crush, or damage the power cord.
- Do not install the appliance in humid spaces.
- 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.
- Place the appliance at least 18 inches above the floor for a garage installation.
- Do not use sheet metal screws or other fasteners which extend into the duct that could catch lint and reduce the efficiency of the exhaust system. Secure all joints with duct tape.
- Use only rigid, semi-rigid or flexible metal 4-inch diameter duct inside the dryer cabinet or for exhausting to the outside. Use of plastic or other combustible ductwork may cause a fire. Punctured ductwork may cause a fire if it collapses or becomes otherwise restricted in use or during installation.
- The exhaust duct must be 4 inches (10.2 cm) in diameter with no obstructions. The exhaust duct should be kept as short as possible. Make sure to clean any old ducts before installing your new dryer.
- Rigid, semi-rigid or flexible metal ducting is recommended for use between the dryer and the wall. All non-rigid metal transition duct must be UL-listed. Use of other materials for the transition duct could affect the drying time.
- Ductwork is not provided with the dryer, and you should obtain the necessary ductwork locally. The end cap should have hinged dampers to prevent backdraft when the dryer is not in use.
- Gas dryers MUST be exhausted to the outside.
- The dryer exhaust system must be exhausted to the outside of the dwelling. If the dryer is not exhausted outdoors, some fine lint and large amounts of moisture will be expelled into the laundry area. An accumulation of lint in any area of the home may create a health and fire hazard.
- Do not install near another heat source such as a stove, oven or heater.
- Keep the area around the exhaust opening and adjacent surrounding areas free from the accumulation of lint, dust, and dirt.
- The appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by a utility.
- Certain internal parts are intentionally not grounded and may present a risk of electronic shock only during servicing. Service personnel - do not contact the following parts while the appliance is energized:  
CONTROL BOARD

## Operation

- 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.
- Repair or immediately replace all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end.

## 6 IMPORTANT SAFETY INSTRUCTIONS

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- If you detect a strange sound, a chemical or burning smell, or smoke coming from the appliance, unplug it immediately, and contact an LG Electronics customer information center.
- Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.
- Do not use an extension cord or adapter with this appliance.
- Do not grasp the power cord or touch the appliance controls with wet hands.
- Do not modify or extend the power cord.
- If the appliance has been submerged, contact an LG Electronics customer information center for instructions before resuming use.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Keep the area underneath and around your appliances free of combustible materials (lint, paper, rags, etc.), gasoline, chemicals and other flammable vapors and liquids.
- 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 the use of the appliance by a person responsible for their safety.
- Use this appliance only for its intended purpose.
- Do not abuse, sit on, or stand on the door of the appliance.
- Do not allow children to play on, in or with the appliance. Close supervision of children is necessary when the appliance is used near children.
- Do not tamper with controls.
- In the event of a gas leak (propane gas, LP gas, etc.) do not operate this or any other appliance. Open a window or door to ventilate the area immediately.
- Under certain conditions, hydrogen gas may be produced in a hot-water system that has not been used for two weeks or more. HYDROGEN GAS IS EXPLOSIVE. If the hot-water system has not been used for such a period, before using the appliance turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
- Fix the drain hose securely in place.
- Do not put oily or greasy clothing, candles or flammable materials on top of the appliance.
- Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
- Do not reach into the appliance if the drum is moving.
- Do not dry articles that have been previously cleaned in, washed in, soaked in, soiled with or spotted with gasoline, dry cleaning solvents, vegetable oil, cooking oil or other flammable or explosive substances, as they give off vapors that could ignite or explode.
- Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials.
- Do not store plastic, paper, or clothing that may burn or melt on top of the dryer during operation.
- Gas appliances can cause minor exposure to four potentially hazardous substances, namely benzene, carbon monoxide, formaldehyde, and soot, caused primarily by the incomplete combustion of natural gas or LP fuels.
- Properly adjusted dryers will minimize incomplete combustion. Exposure to these substances can be minimized further by properly venting the dryer to the outdoors.
- Always check the inside of the appliance for foreign objects before operating.
- Do not place items exposed to cooking oils in your appliance. Items contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire. To reduce the risk of fire due to contaminated loads, the final part of a tumble dryer cycle occurs without heat (cool down period). Avoid stopping a tumble dryer before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.
- Do not let children or pets climb inside the dryer drum.

- Do not put living animals such as pets inside the appliance.
- Do not put any part of your body, such as your hands or feet, or metal objects under the appliance.
- Do not let your hand get pinched when opening or closing the dryer door.

## Maintenance

- Do not repair or replace any part of the appliance. All repairs and servicing must be performed by qualified service personnel unless specifically recommended in this Owner's Manual. Use only authorized factory parts
- Do not disassemble or repair the appliance by yourself.
- Remove any dust or foreign matter from the power plug pins.
- Disconnect this appliance from the power supply before cleaning and attempting any user maintenance. Turning the controls to the OFF position does not disconnect this appliance from the power supply.
- Remove the door before the appliance is removed from service or discarded to avoid the danger of children or small animals getting trapped inside.
- Unplug the appliance before cleaning to avoid the risk of electric shock.
- The interior of the appliance and exhaust duct should be cleaned periodically by qualified service personnel.
- Certain internal parts are intentionally not grounded and may present a risk of electronic shock only during servicing. Service personnel - do not contact the following parts while the appliance is energized:  
CONTROL BOARD

## Steam

- Do not open the dryer door during a STEAM CYCLE.
- Do not touch the steam nozzle in the drum during or after a STEAM CYCLE.
- On models with a steam feeder tank, do not fill the steam feeder with hot water (over 86 °F / 30 °C), gasoline, dry cleaning solvents, or other flammable or explosive substances.

## Grounding Instructions

- Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service personnel if you are in doubt whether the appliance is properly grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.
- The appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. The appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances.
- The appliance must be plugged into a properly grounded outlet. Electrical shock may result if the appliance is not properly grounded. Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded. Failure to follow these instructions may create an electric shock hazard and/or a fire hazard.

**SAVE THESE INSTRUCTIONS**

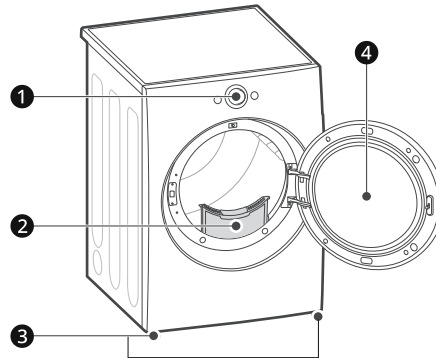
## 8 PRODUCT OVERVIEW

# PRODUCT OVERVIEW

## Product Features

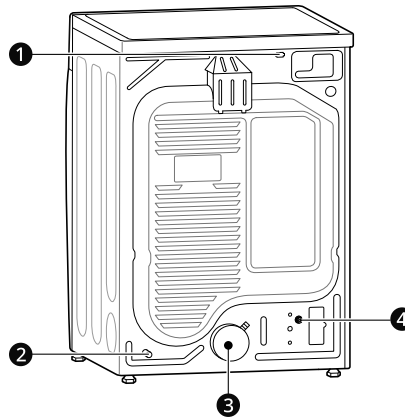
The images in this guide may be different from the actual components and accessories, which are subject to change by the manufacturer without prior notice for product improvement purposes.

### Front View



- ❶ Control Panel
- ❷ Lint filters
- ❸ Leveling feet
- ❹ Reversible door

### Rear View



- ❶ Power Cord
- ❷ Gas Connection (for Gas Models)
- ❸ Exhaust Duct Outlet
- ❹ Water Inlet Hose Connection (for Steam Models)



## Product Specifications

Model		DL*X670** / DL*X650** / DL*X550**
<b>Electrical Requirements</b>		Please refer to the rating label for detailed information.
<b>Min. / Max. Water Pressure</b>		20 - 120 psi (138 - 827 kPa)
<b>Dimensions (Width X Depth X Height)</b>		27" X 29 3/4" X 39" (68.6 cm X 75.6 cm X 98.9 cm)
<b>Maximum Depth with Door Open</b>		51 3/8" (130.5 cm)
<b>Net Weight</b>		Gas : 136.03 lb (61.7 kg) - 139.34 lb (63.2 kg) Electric : 121.9 lb (55.3 kg) - 125.3 lb (56.8 kg)
<b>Capacity</b>	<b>Steam Cycle</b>	7.4 cu.ft. (8 lb / 3.6 kg)
	<b>Normal Cycle</b>	7.4 cu.ft. (22.5 lb / 10.2 kg)
<b>Gas Requirements</b>		NG: 4 - 10.5-inch (10.2 - 26.7 cm) WC LP: 8 - 13-inch (20.4 - 33.1 cm) WC

ENGLISH



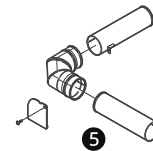
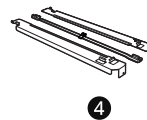
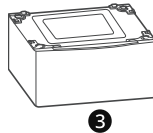
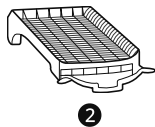
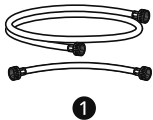
## Accessories

### Included Accessories



- ① Y Connector

### Optional Accessories (sold separately)



- ① Water Inlet Hose (for steam)
- ② Drying Rack
- ③ Pedestal
- ④ Stacking kit

## 10 PRODUCT OVERVIEW

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### 5 Side vent kit (Kit No. 383EEL9001B)

#### NOTE

- For your safety and extended product life, use only authorized components. The manufacturer is not responsible for product malfunction or accidents caused by the use of unauthorized components or parts.
-

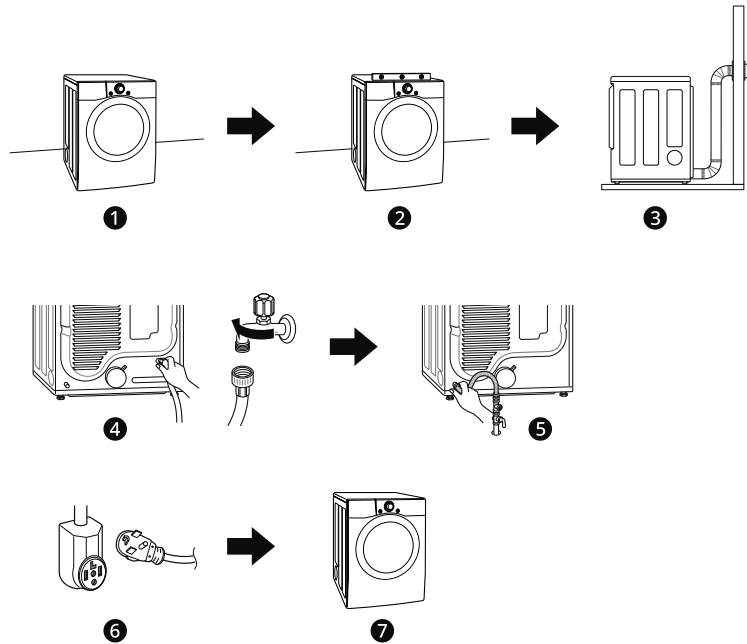
# INSTALLATION

## Before Installing

### Installation Overview

Please read the following installation instructions first after purchasing this dryer or transporting it to another location.

ENGLISH



- ❶ Choose the proper location.
- ❷ Level the appliance.
- ❸ Vent the appliance.
- ❹ Connect the inlet hose (for steam models)
- ❺ Connect the Gas dryer.
- ❻ Plug in the power cord.
- ❼ Installation test and test run.
  - Refer to the **Test Exhaust System** section in **INSTALLATION**.

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### Choosing the Proper Location

#### **⚠ WARNING**

- Read all installation instructions completely before installing and operating the appliance. It is important that you review this entire manual before installing and using the appliance. Detailed instructions concerning electrical connections and additional requirements are provided on the following pages.

#### Exhaust

- The location must allow for proper exhaust installation. A gas dryer must be exhausted to the outdoors.

#### Electricity

Use an individual, grounded electrical outlet located within 2 ft. (61 cm) of either side of the appliance.

#### **⚠ WARNING**

- Do not install or store the appliance in an area where it will be exposed to water and/or weather.

#### **NOTE**

- Check code requirements that limit, or do not permit, installation of the dryer in garages, mobile homes or sleeping quarters. If you have questions, contact your local building inspector.

#### Flooring

To avoid noise and vibration, the appliance must be installed and leveled on a solidly constructed floor with a maximum slope of 1 inch (2.5 cm). If required, adjust the leveling legs to compensate for the unevenness of the floor.

#### **NOTE**

- A sturdy floor is needed to support the total appliance weight when loaded. The combined weight of additional appliances should also be considered.
- Clothes may not tumble properly, and automatic sensor cycles may not operate correctly if the appliance is not level.

- For garage installation, you will need to place the appliance at least 18 inches (45.7 cm) above the floor. The standard pedestal height is 15 inches (38 cm). You will need 18 inches (45.7 cm) from the garage floor to the bottom of the appliance.

#### Ambient Temperature

Install the appliance in an area where the temperature is over 45 °F (7 °C).

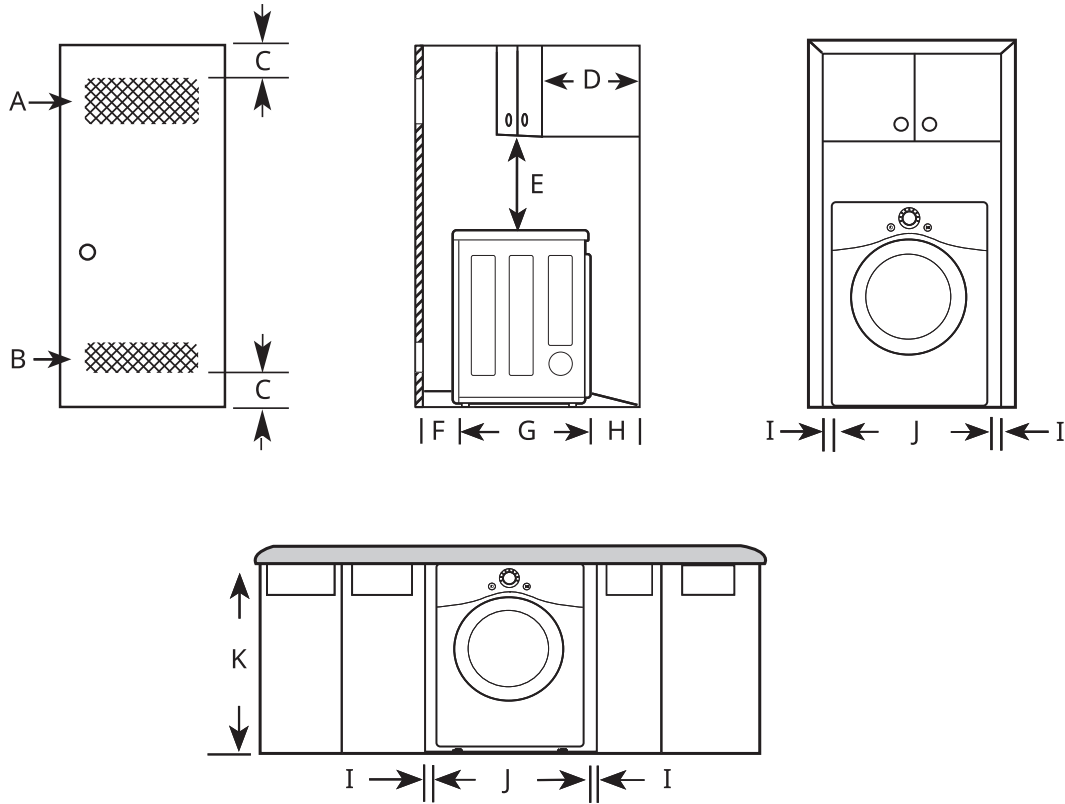
If the temperature around the appliance is too low, the appliance might not shut off at the end of an automatic cycle. This can result in longer drying times.

## Dimensions and Clearances

The following clearances are recommended for the appliance.

- Additional clearances should be considered for ease of installation and servicing.
- Additional clearances should be considered on all sides of the dryer to reduce noise transfer.

### Installation Spacing for Recessed Area or Closet Installation



-	Description	Dimension/Clearance
A	Upper Ventilation Opening	≥ 48 sq. in. (310 cm <sup>2</sup> )
B	Lower Ventilation Opening	≥ 24 sq. in. (155 cm <sup>2</sup> )
C	Distance to Ventilation Opening	≥ 3" (76 mm)
D	Overhead Cabinet Depth	≤ 14" (356 mm)
E	Distance to the Overhead Cabinet/Shelf	≥ 18" (457 mm)
F	Front Clearance	1" (25 mm)
G	Depth	29 3/4" (756 mm)
H	Back Clearance	≥ 5" (127 mm)
I	Side Clearance	≥ 1" (25 mm)
J	Width	27" (686 mm)
K	Height of Cabinet Opening	39" (989 mm)

## 14 INSTALLATION

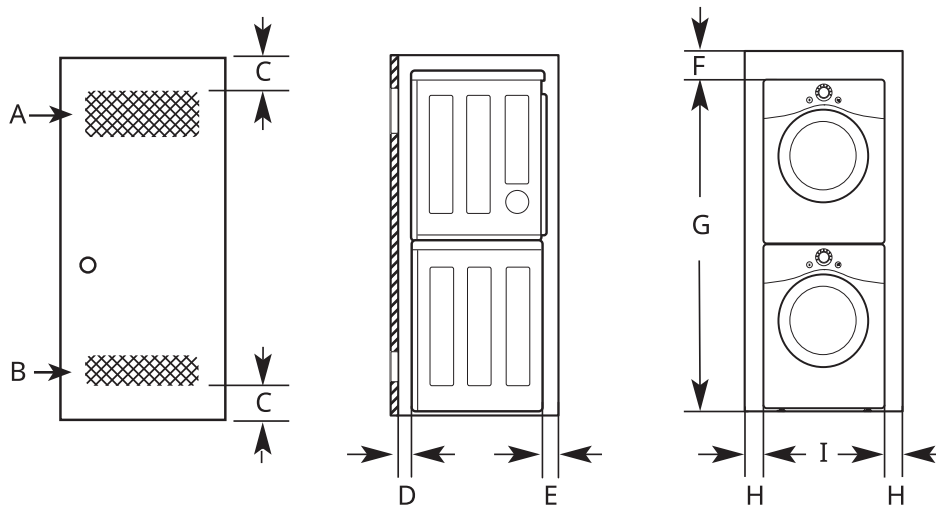
### Closet Ventilation Requirements

Closets with doors must have both an upper and lower vent to prevent heat and moisture buildup in the closet. One upper vent opening with a minimum opening of 48 sq. in. (310 cm<sup>2</sup>) must be installed no lower than 6 feet above the floor. One lower vent opening with a minimum opening of 24 sq. in. (155 cm<sup>2</sup>) must be installed no more than one foot above the floor. Install vent grilles in the door or cut down the door at the top and bottom to form openings. Louvered doors with equivalent ventilation openings are also acceptable.

#### NOTE

- There should be at least a little space around the dryer (or any other appliance) to eliminate the transfer of vibration from one appliance to another. If there is enough vibration, it could cause appliances to make noise or come into contact, causing paint damage and further increasing noise.
- No other fuel-burning appliance can be installed in the same closet as a dryer.

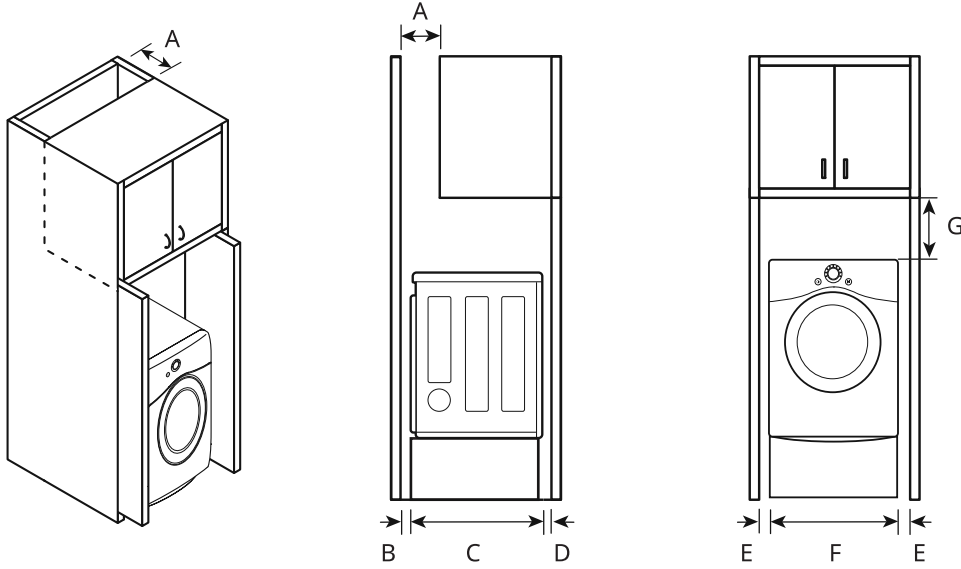
### Installation Spacing for Recessed Area or Closet, with Stacked Washer and Dryer



-	Description	Dimension/Clearance
A	Upper Ventilation Opening	≥ 48 sq. in. (310 cm <sup>2</sup> )
B	Lower Ventilation Opening	≥ 24 sq. in. (155 cm <sup>2</sup> )
C	Distance to Ventilation Opening	≥ 3" (76 mm)
D	Front Clearance	≥ 1" (25 mm)
E	Back Clearance	≥ 5 1/2" (140 mm)
F	Top Clearance to the Ceiling	≥ 6" (152 mm)
G	Height to the Top of Stacked Appliances <sup>†</sup>	78" (1980 mm)
H	Side Clearance	≥ 1" (25 mm)
I	Width <sup>†</sup>	27" (686 mm)

<sup>†</sup> Differs depending on the washer dimensions.

### Installation Spacing for Cabinet



ENGLISH

For cabinet installation with a door, minimum ventilation openings in the top of the cabinet are required.

-	Description	Dimension/Clearance
A	Depth of Ventilation Opening	≥ 7" (178 mm)
B	Back Clearance	≥ 5" (127 mm)
C	Depth	29 3/4" (756 mm)
D	Front Clearance	≥ 1" (25mm)
E	Side Clearance	≥ 1" (25 mm)
F	Width	27" (686 mm)
G	Clearance to Top of Cabinet	≥ 9" (229 mm)

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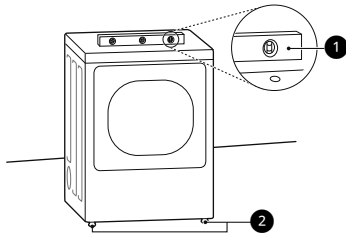
### Leveling the Appliance

#### **⚠ WARNING**

- Use long-sleeved gloves and safety glasses.
- The appliance is heavy. Two or more people are required when installing the appliance.

#### Checking the Level

Position the appliance in the final location and place a level across the top of the appliance.



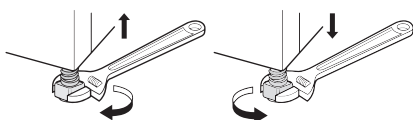
- 1 Level
- 2 Leveling Feet

#### **NOTE**

- All four leveling feet must rest solidly on the floor. Gently push on the top corners of the appliance to make sure that the appliance does not rock from corner to corner.
- Adjust the leveling feet only as far as necessary to level the appliance. Extending the leveling feet more than necessary may cause the appliance to vibrate.
- To ensure that the appliance provides optimal drying performance, it must be level. To minimize vibration, noise, and unwanted movement, the floor must be a perfectly level, solid surface.

#### Adjusting the Leveling Feet

Use an adjustable wrench to turn the leveling feet. Unscrew the legs to raise the appliance or screw in the legs to lower it. Raise or lower with the leveling feet until the appliance is level from side to side and front to back. Make sure that all four leveling feet are in firm contact with the floor.



#### **NOTE**

- If you are installing the appliance on the optional pedestal, you must use the leveling feet on the pedestal to level the appliance. The appliance leveling feet should be fully retracted.

### Reversing the Door

#### **⚠ WARNING**

- Support the door with a stool or box that fits under the door, or have an assistant support the weight of the door.
- Avoid dropping the door.
- Unplug the appliance or turn off power at the main circuit breaker before beginning door reversal.
- Always reverse the door BEFORE stacking the appliance on top of the washer.

#### Tools Required

- Phillips screwdriver
- Large flat blade screwdriver (recommended for hinge screws if they are tight or your Phillips screwdriver is worn)
- Small flat blade screwdriver (for lifting out parts)

#### Door Reversal Instructions

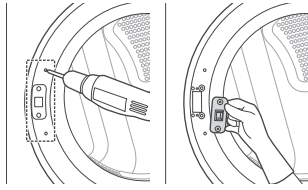
The instructions here are for changing the door swing from a right to a left side hinge. If the door has been reversed, and it is necessary to change it back, use care when following these instructions. Some of the illustrations and the left/right references will be reversed, and you will need to read the instructions carefully.

- 1 Open the door and remove the 2 decorative screws, 2 latch screws, and the latch on the catch side with a screwdriver. Save these for step 4.

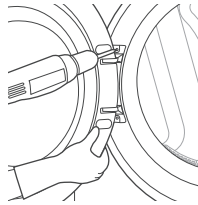
#### **⚠ WARNING**

- Be sure to support the weight of the door before removing the hinge screws.





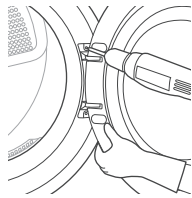
- 2** While supporting the door, remove the 2 screws on the door hinge. Remove the door.



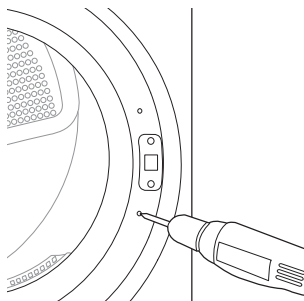
- 3** Turn the door upside down and line up the holes in the hinge with the holes on the opposite side of the cabinet. Reinstall the door with the screws removed in step 2.

**⚠ WARNING**

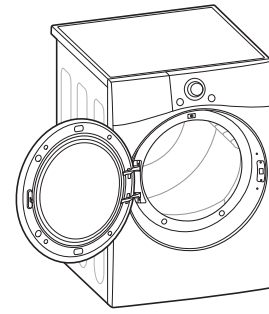
- Be sure to support the weight of the door before inserting the hinge screws.



- 4** Install the 2 decorative screws, the latch, and 2 latch screws removed in step 1 on the opposite side from which they were removed.



- 5** Check that the door closes properly.



## Installing the Vent Kit

**⚠ WARNING**

- Use long-sleeved gloves and safety glasses.
- Use a heavy metal vent.
- Do not use plastic or thin foil ducts.
- Clean old ducts before installing the appliance.

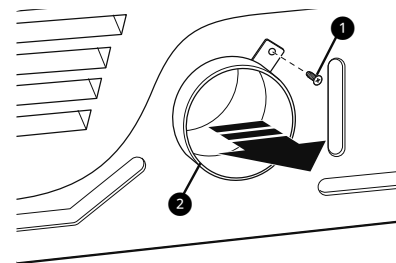
The appliance is configured to vent to the rear. It can also vent to the bottom or side.

**NOTE**

- An adapter kit, part number 383EEL9001B, may be purchased from your LG retailer. This kit contains duct components necessary to change the appliance vent location.
- Right-side venting is not available on gas models.

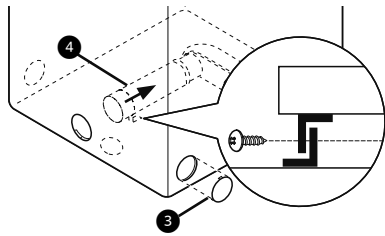
## Side Venting

- 1** Remove the rear exhaust duct retaining screw **1** and pull out the exhaust duct **2**.

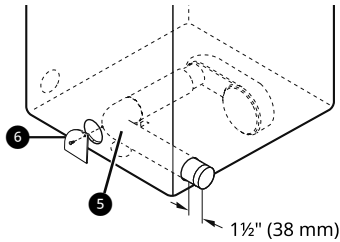


- 2** Press the tabs on the knockout **3** and carefully remove the knockout for the desired vent opening. (Right-side venting is not available on gas models.) Press the adapter duct **4** onto the blower housing and secure to the base of the dryer as shown.

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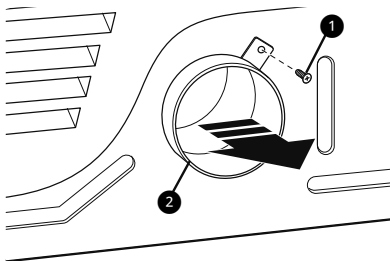


- 3** Preassemble a 4" (10.2 cm) elbow **5** to the next 4" (10.2 cm) duct section, and secure all joints with duct tape. Be sure that the male end of the elbow faces AWAY from the dryer. Insert the elbow/duct assembly through the side opening and press it onto the adapter duct. Secure it in place with duct tape. Be sure that the male end of the duct protrudes 1.5" (3.8 cm) to connect the remaining ductwork. Attach the cover plate **6** to the back of the dryer with the included screw.

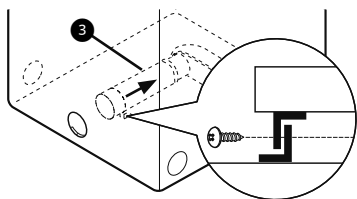


### Bottom Venting

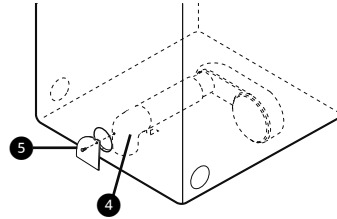
- 1** Remove the rear exhaust duct retaining screw **1**. Pull out the exhaust duct **2**.



- 2** Press the adapter duct **3** onto the blower housing and secure it to the base of the dryer as shown.



- 3** Insert the 4" (10.2 cm) elbow **4** through the rear opening and press it onto the adapter duct. Be sure that the male end of the elbow faces down through the hole in the bottom of the dryer. Secure it in place with duct tape. Attach the cover plate **5** to the back of the dryer with the included screw.



## Stacking the Appliance

### Tools Required

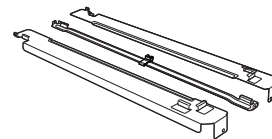
- Phillips screwdriver

### Stacking Kit Installation

#### **⚠ WARNING**

- The weight of the appliance and the height of installation make this stacking procedure too risky for one person. Two or more people are required when installing the stacking kit.
- Place the washer on a solid, stable, level floor capable of supporting the weight of both appliances.
- Do not stack the washer on top of the dryer.
- If appliances are already installed, disconnect them from all power, water and drain connections.

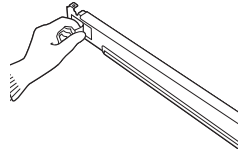
#### This stacking kit includes:



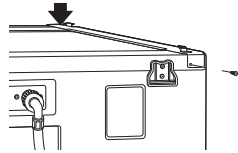
- Two (2) side rails
- One (1) front rail
- Four (4) screws

To ensure safe and secure installation, please observe the following instructions.

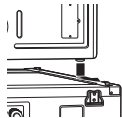
- 1** Make sure the surface of the washer is clean and dry. Remove paper backing from the tape on one of the stacking kit side brackets.



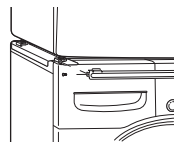
- 2** Fit the side bracket to the side of the washer top as shown. Firmly press the adhesive area of the bracket to the washer surface. Secure the side bracket to the washer with a screw on the back side of the bracket. Repeat steps 1 and 2 to attach the other side bracket.



- 3** Place the appliance on top of the washer, fitting the dryer feet into the side brackets as illustrated. Avoid finger injuries; do not allow fingers to be pinched between the washer and the appliance. Slowly slide the appliance toward the back of the washer until the side bracket stoppers catch the dryer feet.



- 4** Insert the front rail between the bottom of the appliance and the top of the washer. Push the front rail toward the back of the washer until it comes in contact with the side rail stoppers. Install the two remaining screws to secure the front rail to the side rails.



- To reduce the risk of fire, combustion, or accumulation of combustible gases, DO NOT exhaust dryer air into an enclosed and unventilated area, such as an attic, wall, ceiling, crawl space, chimney, gas vent, or concealed space of a building.
- To reduce the risk of fire, DO NOT exhaust the dryer with plastic or thin foil ducting.
- Do not exceed the recommended duct length limitations noted in the chart. Failure to follow these instructions may result in extended drying times, fire or death.

- Do not crush or collapse ductwork.
- Do not allow ductwork to rest on or contact sharp objects.
- If connecting to existing ductwork, make sure it is suitable and clean before installing the dryer.
- Venting must conform to local building codes.
- Use only 4-inch (10.2 cm) rigid, semi-rigid or flexible metal ductwork inside the dryer cabinet and for venting outside.
- The exhaust duct must be 4 inches (10.2 cm) in diameter with no obstructions. The exhaust duct should be kept as short as possible. Make sure to clean any old ducts before installing the new dryer.
- Rigid, semi-rigid or flexible metal ducting is recommended for use between the dryer and the wall. All non-rigid metal transition duct must be UL-listed. Use of other materials for transition duct could affect drying time.
- DO NOT use sheet metal screws or other fasteners which extend into the duct that could catch lint and reduce the efficiency of the exhaust system. Secure all joints with duct tape.
- Ductwork is not provided with the dryer. You should obtain the necessary ductwork locally. The vent hood should have hinged dampers to prevent backdraft when the dryer is not in use.
- The total length of flexible metal duct must not exceed 8 ft. (2.4 m).
- When pushing the dryer into the installed position, do not crush or collapse ductwork.

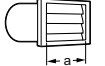
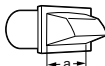
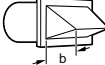
## Venting the Dryer

### **⚠ WARNING**

- Gas dryers **MUST** exhaust to the outdoors.

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### Ductwork

Wall Cap Type	No. of 90° Elbows	Maximum length of 4-inch diameter rigid metal duct
  a: 4" (10.2 cm)	0	65 ft. (19.8 m)
	1	55 ft. (16.8 m)
	2	47 ft. (14.3 m)
	3	36 ft. (11.0 m)
	4	28 ft. (8.5 m)
 b: 2.5" (6.35 cm)	0	55 ft. (16.8 m)
	1	47 ft. (14.3 m)
	2	41 ft. (12.5 m)
	3	30 ft. (9.1 m)
	4	22 ft. (6.7 m)

#### NOTE

- Deduct 6 ft. (1.8 m) for each additional elbow. Do not use more than four 90° elbows.
- In Canada, only those foil-type flexible ducts, if any, specifically identified for use with the appliance by the manufacturer should be used. In the United States, only those foil-type flexible ducts, if any, specifically identified for use with the appliance by the manufacturer and that comply with the Outline for Clothes Dryer Transition Duct, Subject 2158A, should be used.

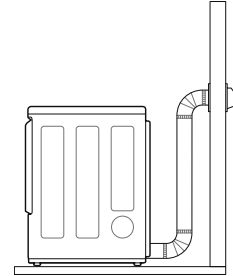
### Routing and Connecting Ductwork

Follow the guidelines below to maximize drying performance and reduce lint buildup and condensation in the ductwork. Ductwork and fittings are NOT included and must be purchased separately.

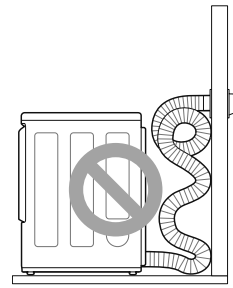
- Use 4-inch (10.2 cm) diameter rigid, semi-rigid or flexible metal ductwork.
- The exhaust duct run should be as short as possible.
- Use as few elbow joints as possible.
- The male end of each section of exhaust duct must point away from the dryer.
- Use duct tape on all duct joints.
- Insulate ductwork that runs through unheated areas in order to reduce condensation and lint buildup on duct surfaces.

- Incorrect or inadequate exhaust systems are not covered by the dryer warranty. Dryer failures or service required because of such exhaust systems will not be covered by the dryer warranty.

#### Correct Venting



#### Incorrect Venting



### Connecting Gas Dryers

#### ⚠ WARNING

- To reduce the risk of fire or explosion, electric shock, property damage, injury to persons, or death when using this appliance, follow requirements including the following.

### Electrical Requirements for Gas Models

#### ⚠ WARNING

- This dryer is equipped with a three-prong grounding plug for protection against shock hazard which should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.
- Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.
- For personal safety, this dryer must be properly grounded.

- This dryer must be plugged into a 120-VAC, 60-Hz. grounded outlet protected by a 15-ampere fuse or circuit breaker.
- Where a standard 2-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.

## Gas Supply Requirements

### **⚠ WARNING**

- DO NOT attempt any disassembly of the dryer; disassembly requires the attention and tools of an authorized and qualified service technician or company.
  - DO NOT use an open flame to inspect for gas leaks. Use a noncorrosive leak detection fluid.
- 
- Gas pressure must not exceed 8-inch (20.4 cm) water column for NG, or 13-inch (33.1 cm) water column for LP.
  - Isolate the dryer from the gas supply system by closing its individual manual shutoff valve during any pressure testing of the gas supply at pressures greater than 3.5 kPa.
  - Supply line requirements: Your laundry room must have a rigid gas supply line to your dryer. In the United States, an individual manual shutoff valve MUST be installed within at least 6 ft. (1.8 m) of the dryer, in accordance with the National Fuel Gas Code ANSI Z223.1 or Canadian gas installation code CSA B149.1. A 1/8-inch NPT pipe plug must be installed.
  - If using a rigid pipe, the rigid pipe should be 0.5-inch IPS. If acceptable under local codes and ordinances and when acceptable to your gas supplier, 3/8-inch approved tubing may be used where lengths are less than 20 ft. (6.1 m). Larger tubing should be used for lengths in excess of 20 ft. (6.1 m).
  - To prevent contamination of the gas valve, purge the gas supply of air and sediment before connecting the gas supply to the dryer. Before tightening the connection between the gas supply and the dryer, purge remaining air until the odor of gas is detected.
  - Use only a new AGA- or CSA-certified gas supply line (in compliance with the Standard for Connectors for Gas Appliances, ANSI Z21.24 • CSA 6.10) with flexible stainless steel connectors.
  - Use Teflon tape or a pipe-joint compound that is insoluble in propane (LP) gas on all pipe threads.

## Connecting the Gas Supply

### **NOTE**

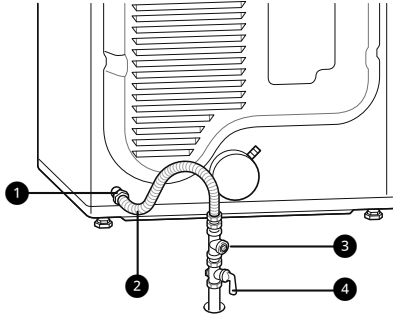
- In the Commonwealth of Massachusetts: This product must be installed by a licensed plumber or gas fitter. When using ball-type gas shut off valves, they must be T-handle-type. A flexible gas connector, when used, must not exceed 3 feet.
- Installation and service must be performed by a qualified installer, service agency, or the gas supplier.
- The dryer is configured for natural gas when shipped from the factory. Make sure that the dryer is equipped with the correct burner nozzle for the type of gas being used (natural gas or propane gas).
- Use only a new stainless steel flexible connector and a new AGA-certified connector.
- A gas shutoff valve must be installed within 6 ft. (1.8 m) of the dryer.
- If necessary, the correct nozzle should be installed by a qualified technician and the change should be noted on the dryer. (For the LP nozzle kit, order part number **383EEL3002D**.)
- All connections must be in accordance with local codes and regulations. Gas dryers MUST exhaust to the outdoors.

- 1 Make sure that the gas supply to the laundry room is turned OFF and the dryer is unplugged. Confirm that the type of gas available in your laundry room is appropriate for the dryer.
  - 2 Remove the shipping cap from the gas fitting at the back of the dryer. Be careful not to damage the threads of the gas connector when removing the shipping cap.
  - 3 Connect the dryer to your laundry room's gas supply using a new flexible stainless steel connector with a 3/8-inch NPT fitting.
- 
- ### **⚠ WARNING**
- DO NOT use old connectors.
- 4 Securely tighten all connections between the dryer and your laundry room's gas supply.
  - 5 Turn on your laundry room's gas supply.

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- 6** Check all pipe connections (both internal and external) for gas leaks with a noncorrosive leak-detection fluid.

- 7** Proceed to Venting the Dryer.



- ❶ 3/8" NPT gas Connection
- ❷ AGA/CSA-Certified Stainless Steel Flexible Connector
- ❸ 1/8" NPT Pipe Plug
- ❹ Gas Supply Shutoff Valve

### High-Altitude Installations

The BTU rating of this dryer is AGA-certified for elevations below 10,000 feet.

If your gas dryer is being installed at an elevation above 10,000 feet, it must be derated by a qualified technician or gas supplier.

## Connecting Electric Dryers

### ⚠ WARNING

- To reduce the risk of fire or explosion, electric shock, property damage, injury to persons, or death when using this appliance, fulfill the following requirements.

### Electrical Requirements for Electric Models

### ⚠ WARNING

- The wiring and grounding must conform to the latest edition of the National Electrical Code, ANSI/NFPA 70 and all applicable local regulations. Please contact a qualified electrician to check your home's wiring and fuses to ensure that your home has adequate electrical power to operate the appliance.
- This appliance must be connected to a grounded metal, permanent wiring system, or an

equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the appliance.

- The appliance has its own terminal block that must be connected to a separate 230 VAC, 60-Hertz, single-phase circuit, fused at 30 amperes. (The circuit must be fused on both sides of the line.) ELECTRICAL SERVICE FOR THE APPLIANCE SHOULD BE OF THE MAXIMUM RATE VOLTAGE LISTED ON THE NAMEPLATE. DO NOT CONNECT THE APPLIANCE TO 110-, 115-, OR 120-VOLT CIRCUIT.
- If the branch circuit to appliance is 15 ft. (4.5 m) or less in length, use UL (Underwriters Laboratories) listed No.-10 AWG wire (copper wire only), or as required by local codes. If over 15 ft. (4.5 m), use UL-listed No.-8 AWG wire (copper wire only), or as required by local codes. Allow sufficient slack in wiring so the appliance can be moved from its normal location when necessary.
- The power cord (pigtail) connection between the wall receptacle and the appliance terminal block IS NOT supplied with the appliance. Type of pigtail and gauge of wire must conform to local codes and with instructions on the following pages.
- Do not modify the plug and internal wire provided with the appliance.
- The appliance should be connected to a 4-hole outlet.
- If the plug does not fit the outlet, a proper outlet will need to be installed by a qualified electrician.
- Connect the power cord to the terminal block. Each colored wire should be connected to the same color screw. Wire color indicated in manual is connected to the same color screw in the block.
- Grounding through the neutral conductor is prohibited for: (1) new branch-circuit installations and (2) areas where local codes prohibit grounding through the neutral conductor.
- This appliance is supplied with the neutral wire grounded. This white ground wire MUST BE MOVED to the neutral terminal when a 4-wire cord is to be used, or where grounding through the neutral conductor is prohibited.

## Connecting the Water Inlet Hose

To generate steam, the dryer must be connected to the cold water tap using a new water supply hose. Do not use old hoses.

### ⚠ WARNING

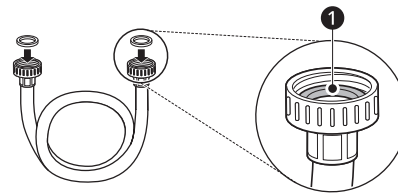
- Do not overtighten the hoses or cross-thread the hose fittings. Overtightening or cross-threading can damage the valves or couplings, resulting in leaking and property damage.
- Do not reuse old hoses. Use only new hoses when installing the appliance. Old hoses could leak or burst causing flooding and property damage. Contact an LG Customer Information Center for assistance in buying hoses.

### ⚠ CAUTION

- Periodically check the hoses for cracks, leaks, and wear, and replace the hoses every five years.
- Do not stretch the water hoses intentionally, and make sure that they are not pinched, crushed or kinked by other objects.
- Water supply pressure must be between 20 psi and 120 psi (138 - 827 kPa). If the water supply pressure is more than 120 psi, a pressure reducing valve must be installed.
- Do not store or install the appliance in a location subject to freezing temperatures. Damage to the water inlet hoses and internal mechanisms of the appliance can result. If the appliance was exposed to freezing temperatures prior to installation, allow it to stand at room temperature for several hours before use and check for leaks prior to operation.
- Do not use flood-preventing hoses with auto shut off devices. The devices can be tripped during fill and prevent the appliance from filling properly.

## How to Connect the Water Inlet Hoses

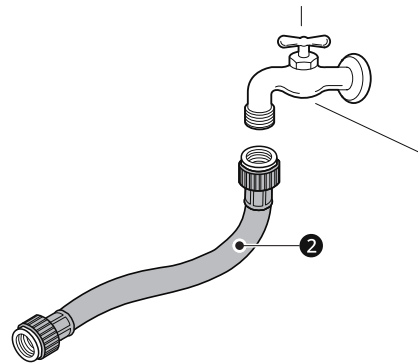
- 1 Check the fittings and seals. Inspect the threaded fitting on each hose and make sure there is a rubber seal ❶ in place in both ends of each hose to prevent leaking.



- 2 Check the type of installation and connect the hose to the faucet. Connect all water supply hoses tightly by hand and then tighten another 2/3 turn with pliers.

- Type 1 : WITHOUT WASHER (The dryer does not share the faucet with the washing machine.)

- 1) Connect the straight end of the long hose ❷ to the cold water faucet.

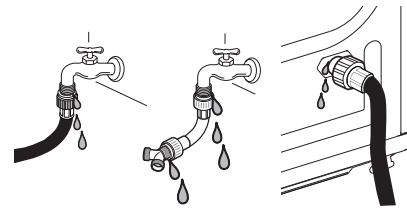
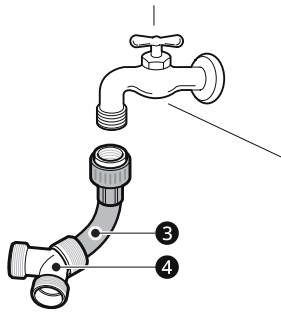


- Type 2 : WITH WASHER (The dryer shares the faucet with the washing machine.)

- 1) Shut off the cold water tap and remove the washer inlet hose.
- 2) Connect the short hose ❸ to the Y-connector ❹ using one of the rubber seals.
- 3) Connect the other end of the short hose ❸ to the cold water faucet.
- 4) Connect the long dryer hose ❷ to one side of the Y-connector ❹. Connect the

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washer hose to the washer and the other side of the Y-connector **4**.



### NOTE

- If any leaks are found, shut off the water faucet, remove the hose and check the condition of the rubber seal.

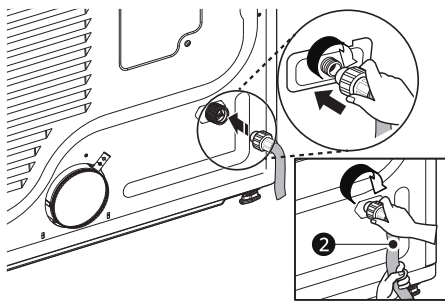
### NOTE

- Before connecting the water line to the dryer, flush several gallons of water into a drain or bucket. This will help prevent foreign particles such as sand and scale from clogging the dryer inlet valve.

## Final Installation Check

Once you have completed the installation of the dryer and it is in its final location, confirm proper operation with the following tests.

- 3 Connect the long dryer hose **2** to the dryer inlet valve tightly by hand and then tighten another 2/3 turn with pliers.



## Test Dryer Heating

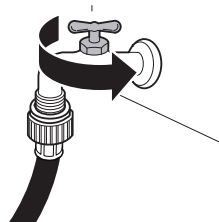
### Gas Models

Close the dryer door and press the **Power** button to turn the dryer on. Turn the knob to select **Timed Dry** and press the **✓(OK)** button to start the test. When the dryer starts, the igniter should ignite the main burner.

### NOTE

- If all air is not purged from the gas line, the gas igniter may turn off before the main burner ignites. If this happens, the igniter will reattempt gas ignition after approximately two minutes.

- 4 Turn on the cold water faucet.



### Electric Models

Close the dryer door and press the **Power** button to turn the dryer on. Turn the knob to select **Timed Dry** and press the **✓(OK)** button to start the test. The exhaust air should be warm after the dryer has been operating for 3 minutes.

- 5 Check all hoses and Y-connectors (if used) for leaks.

## Checking Airflow

Effective dryer operation requires proper airflow. The adequacy of the airflow can be measured by evaluating the static pressure. Static pressure in the exhaust duct can be measured with a manometer, placed on the exhaust duct approximately 2 ft. (60.9 cm) from the dryer. Static pressure in the exhaust duct should not exceed 0.6



inch (1.5 cm). The dryer should be checked while the dryer is running with no load.

### Checking Levelness

Once the dryer is in its final location, recheck the dryer to be sure it is level. Make sure it is level front to back and side to side, and that all four leveling feet are in firm contact with the floor.

### Test Exhaust System

Once you have completed the installation of the appliance, use this test to make sure the condition of the exhaust system is adequate for proper operation of the appliance. This test should be performed to alert you to any serious problems in the exhaust system of your home.

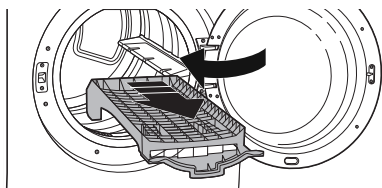
- Your appliance features Flow Sense™, an innovative sensing system that automatically detects blockages and restrictions in dryer ductwork. Keeping ductwork clean of lint buildup and free of restrictions allows clothes to dry faster and reduces energy use.

#### NOTE

- The appliance should be cool before starting this test. If the appliance was warmed up during installation, run the **Air Dry** cycle for a few minutes to reduce the interior temperature.

### Activating the Installation Test

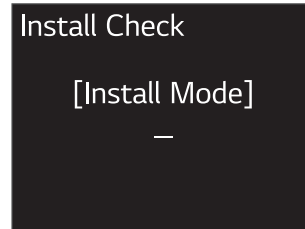
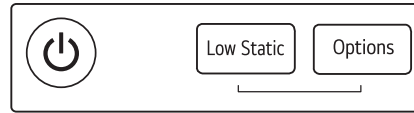
- Remove the drying rack (on some models) and literature, and then close the door.



- Do not load anything in the drum for this test, as it may affect the accuracy of the results.

- Press the **Power** button then IMMEDIATELY press and hold the **Low Static** and **Options** buttons.

- This button sequence activates the installation test. A message will display if the activation is successful.



- Press the **Start/Pause** button.

- The appliance will start the test, which will last a few minutes. The heat will be turned on and the temperatures in the drum will be measured.

- Check the display for results.

- During the test cycle, monitor the Flow Sense™ display on the control panel. If the Flow Sense™ LED has not turned on when the cycle ends, the exhaust system is adequate. If the exhaust system is severely restricted, the Flow Sense™ LED will turn on. Other problems may also be shown with error codes. See the chart on the next page for error code details and solutions.
- If the Flow Sense™ LED indicates that the exhaust system is severely restricted, have the system checked immediately, as performance will be poor.

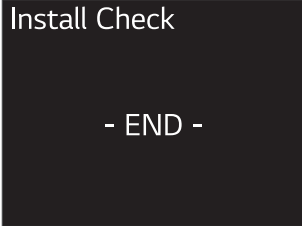


- End of cycle.

- At the end of the test cycle, a message will display. The test cycle will end and the

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appliance will shut off automatically after a short delay.



### Check the Duct Condition

If the Flow Sense™ LED is turned on, check the exhaust system for restrictions and damage. Repair or replace the exhaust system as needed.

#### NOTE

- When the appliance is first installed, this test should be performed to alert you to any existing problems with the exhaust duct in your home. However, since the test performed during normal operation provides more accurate information on the condition of the exhaust duct than the installation test, the results during the two tests may not be the same.
- Do not interrupt the test cycle, as this could result in inaccurate results.
- Even if the LED doesn't light up during the test cycle, some restrictions may still be present in the exhaust system. Refer to the **Venting the Dryer** section of this manual for complete exhaust system and venting requirements.

### Error Codes

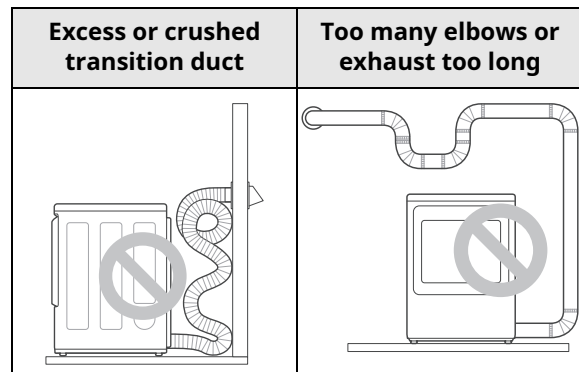
Check the error code before you call for service.

Error Code	Possible Cause & Solution
<b>Temp sensor error</b>	<b>Temperature sensor failure.</b> <ul style="list-style-type: none"> <li>• Turn off the appliance and call for service.</li> </ul>
<b>Humidity sensor error</b>	<b>Humidity sensor failure.</b> <ul style="list-style-type: none"> <li>• Turn off the appliance and call for service.</li> </ul>

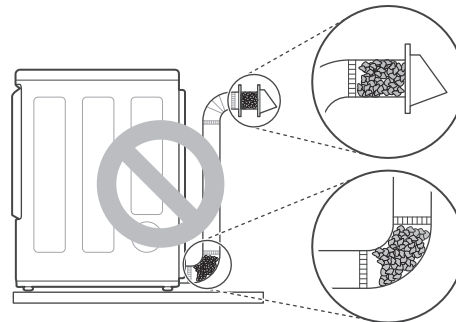
Error Code	Possible Cause & Solution
<b>High voltage Low voltage Power supply / Power issue</b>	<b>Electric dryer power cord is not connected correctly, or house power supply is incorrect.</b> <ul style="list-style-type: none"> <li>• Reset circuit breaker or replace fuse. Do not increase the fuse capacity.</li> </ul>
	<b>House fuse is blown, circuit breaker has tripped, or power outage has occurred.</b> <ul style="list-style-type: none"> <li>• If the problem is a circuit overload, have it corrected by a qualified electrician.</li> </ul>
<b>Gas supply</b>	<b>Gas supply or service turned off. (Gas model only.)</b> <ul style="list-style-type: none"> <li>• Confirm that house gas shutoff and the dryer gas shutoff are both fully open.</li> </ul>

### Restricted or Blocked Airflow

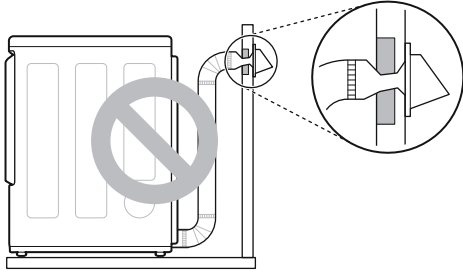
Avoid long runs or runs with multiple elbows or bends.



### Check for blockages and lint buildup.



**Make sure the ductwork is not crushed or restricted.**



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## Before Use

### ⚠ WARNING

- To reduce the risk of fire, electric shock, or injury to persons, read the **IMPORTANT SAFETY INSTRUCTIONS** before operating this appliance.

### Operation Overview

#### 1 Clean the Lint Filter

- If the lint filter has not already been cleaned, lift out the filter and remove the lint from the last load. This will help ensure the fastest and most efficient drying performance. Make sure to reinstall the filter, pressing down until it clicks firmly into place.

#### 2 Load the Dryer

- Make sure that clothing is pushed entirely into the drum and away from the door seal area. Clothing that gets stuck between the door and seal may be damaged or damage the seal.
- If the load is extra large, you may need to divide it into smaller loads for proper performance and fabric care.
- All strings and attached belts of clothes should be well tied and secured before being put into the drum.

#### 3 Turn on the Dryer

- Press the **Power** button to turn on the dryer. The display will turn on and a chime will sound.

#### 4 Select a Cycle

- Turn the cycle selector knob until the desired cycle is selected. The preset temperature, dry level, and option settings for that cycle will be shown.

#### 5 Adjust Settings

Default settings for the selected cycle can now be changed, if desired, using the cycle modifier and option buttons.

- Not all modifiers and options are available on all cycles.

#### 6 Begin Cycle

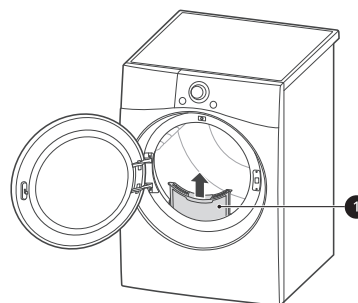
- Press the **Start/Pause** button to begin the cycle. The cycle can be paused at any time either by opening the door or by pressing the **Start/Pause** button.
- If the **Start/Pause** button is not pressed within a certain time, the dryer shuts off and all settings are lost.

#### 7 End of Cycle

- When the cycle is finished, the chime will sound. Immediately remove your clothing from the dryer to reduce wrinkling. If **Wrinkle Care** is selected, the dryer will tumble briefly every few minutes to help prevent wrinkles from setting in the clothes.

### Check the Lint Filter Before Every Load

Always make sure the lint filter **1** is clean before starting a new load; a clogged lint filter will increase drying time. To clean, pull the lint filter straight up and roll any lint off the filter with your fingers. Push the lint filter firmly back into place. See **Regular Cleaning** for more information.



Always ensure that the lint filter is properly installed before running the dryer. Running the dryer with a loose or missing lint filter will damage the dryer and articles in the dryer.

## Loading the Dryer

### NOTE

- For the best drying performance and most efficient energy usage, do not overload the appliance.

### General Tips

- Combine large and small items in the same load.
- Use mesh laundry bags to separate clothes with zippers, hooks, straps, and drawstrings to prevent them from catching on or tangling with other clothes or damaging the lint filter.

### NOTE

- Damp clothes will expand as they dry. Do not overload the dryer; clothes require room to tumble and dry properly.

### Grouping Similar Items

For the best drying results, and to reduce the possibility of damage to clothing, sort clothes into loads that can be dried with the same drying cycle.

Different fabrics have different care requirements, and some fabrics will dry more quickly than others.

#### Woolen Items

- Always follow fabric care labels before drying woolen items in a dryer. After the cycle, the items may still be damp. Do not repeat the cycle. Pull the items to their original shape if needed and lay them flat to finish drying.

#### Woven and Loopknit Materials

- Some woven and loopknit materials may shrink, depending on quality.

#### Permanent Press and Synthetics

- Do not overload your dryer. Take out permanent press items as soon as the dryer stops to reduce wrinkles.

#### Baby Clothes and Nightgowns

- Always check the manufacturer's instructions.

### Rubber and Plastics

- Do not dry any items made from or containing rubber or plastics such as:
  - Aprons, bibs and chair covers
  - Curtains and tablecloths
  - Bath mats

### Fiberglass







- Do not dry fiberglass articles in your dryer. Glass particles left in the dryer could be picked up by your clothes the next time you use the dryer and irritate your skin.



### Fabric Care Labels

- Sort and dry laundry according to care labels, size, and fabric type. Do not overload the dryer. This will save energy and time and give the best drying performance.

### Fabric Care Labels



Many articles of clothing include a fabric care label. Using the chart below, adjust the cycle and option selections to care for your clothing according to the manufacturer's recommendations.

Tumble Dry	
Label	Directions
	Dry
	Normal
	Permanent Press / Wrinkle Resistant
	Gentle / Delicate
	Do not tumble dry
	Do not dry (used with do not wash)

Heat Setting	
Label	Directions
	High
	Medium

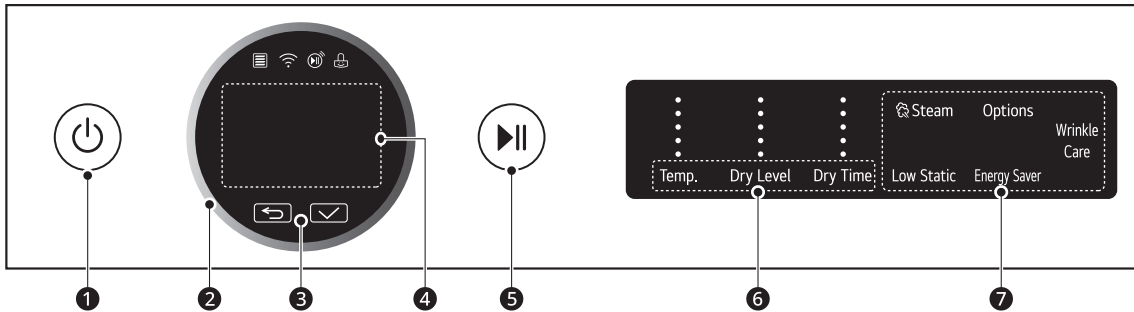
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Heat Setting	
Label	Directions
	Low
	No Heat / Air

# Control Panel

## Control Panel Features



### 1 Power On/Off Button

- Press this button to turn the appliance on and press and hold it briefly to turn it off.
- Pressing this button during a cycle will cancel that cycle and any load settings will be lost.

### 2 Cycle Selector Knob

- Turn this knob to select the desired cycle or option.
- Once the desired cycle has been selected, the standard presets will appear in the display. These settings can be adjusted using the **Cycle Modifier buttons** at any time before starting the cycle.

### 3 ↶(Previous) & ✓(OK)

- Press the ↶(Previous) button to go to the previous screen.
- Press the ✓(OK) button to select a menu item or save the information.

### 4 Status Display

- This LCD shows the settings, estimated time remaining, options, and status messages.

### 5 Start/Pause Button

- Press this button to start the selected cycle.
- If the appliance is running, use this button to pause the cycle without losing the current settings.

## NOTE

- If you do not press the **Start/Pause** button to resume a cycle within a certain time, the appliance turns off automatically and all cycle settings are lost.

### 6 Cycle Modifier Buttons

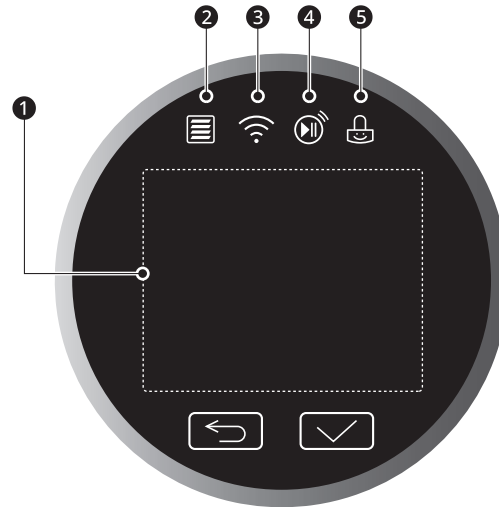
- Use these buttons to adjust the dry temperature, dry level and dry time settings for the selected cycle. Not all options are available for each cycle.
- The current settings are shown in the display.
- Press the button for that option to select other settings.

### 7 Option and Extra Function Buttons

- These buttons allow you to select additional cycle options.

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### Time and Status Display



#### ❶ Status Display

- The display shows the settings, estimated time remaining, options, and status messages.

#### ❷ Flow Sense Indicator

- The Flow Sense™ duct blockage sensing system detects and alerts you to blockages in the ductwork that reduce exhaust flow from the dryer.
- Maintaining a clean exhaust system improves operating efficiency and helps minimize service calls, saving you money.

#### ❸ Wi-Fi Indicator

- This indicator lights up when the product is connected to a home Wi-Fi network.

#### ❹ Remote Start Indicator

- This indicator lights up when the **Remote Start** feature is activated.

#### ❺ Control Lock Indicator

- This indicator lights up when the **Control Lock** feature is activated.



## Dry Cycles

Turn the knob to select the desired cycle. When you select a dry cycle the default settings will light up in the display.

### Cycle Guide

The appliance automatically sets the dryness level and temperature at the recommended setting for each cycle. The estimated time remaining will be shown in the display.

	<ul style="list-style-type: none"> <li>• Temperature indicator lights up and the selected setting is shown in the knob display: ① Low, ② Med Low, ④ Medium, ④ Med High, ⑤ High</li> <li>• Dry Level indicator lights up and the selected setting is shown in the knob display: ① Damp, ② Less, ③ Normal, ④ More, ⑤ Very</li> <li>• Dry Time indicator lights up and the selected setting is shown in the knob display: ① 10-20 min, ② 30-40 min, ③ 50-60 min, ④ 70-80 min, ⑤ 90-100 min</li> </ul>
--	--

### Default Cycles

These cycles are in the initial cycle list.

Cycle	Normal	
<b>Description</b>	Use this cycle for drying all normal items such as cotton, linen, shirts, jeans or mixed loads, except delicate fabrics such as wool or silk.	
<b>Dry Level</b>	Default: <b>Normal</b>	Available: <b>All</b>
<b>Temperature</b>	Default: <b>Med. High</b>	Available: <b>Med. High</b>

Cycle	AI Dry	
<b>Description</b>	This cycle optimizes drying times and temperatures by detecting the laundry's characteristics.	
<b>Dry Level</b>	Default: <b>Normal</b>	Available: <b>Normal</b>
<b>Temperature</b>	Default: <b>Med. High</b>	Available: <b>Med. High</b>

Cycle	Bedding	
<b>Description</b>	Use this cycle for drying blankets or bulky items such as pillows, blankets, comforters, sheets or pet bedding.	
<b>Dry Level</b>	Default: <b>Normal</b>	Available: <b>Very, More, Normal</b>
<b>Temperature</b>	Default: <b>Medium</b>	Available: <b>Medium</b>

Cycle	Delicates	
<b>Description</b>	Use this cycle for drying dress shirts/blouses, nylons, lingerie, or sheer and lacy clothes which can easily be damaged.	
<b>Dry Level</b>	Default: <b>Normal</b>	Available: <b>All</b>
<b>Temperature</b>	Default: <b>Med. Low</b>	Available: <b>Med. Low</b>

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Cycle	Towels	
<b>Description</b>	Use this cycle for drying towels.	
<b>Dry Level</b>	Default: <b>Normal</b>	Available: <b>All</b>
<b>Temperature</b>	Default: <b>Med. High</b>	Available: <b>Med. High</b>

Cycle	Quick Dry	
<b>Description</b>	Use this cycle to quickly dry a small load of laundry.	
<b>Time</b>	Default: 30 minutes	Available: 10 -100 minutes
<b>Temperature</b>	Default: <b>High</b>	Available: <b>All</b>

Cycle	Timed Dry	
<b>Description</b>	Use this cycle to manually select the drying time, from 10 to 100 minutes, in 10-minute increments.	
<b>Time</b>	Default: 10 minutes	Available: 10 -100 minutes
<b>Temperature</b>	Default: <b>High</b>	Available: <b>All</b>

Cycle	Power Dry	
<b>Description</b>	This cycle is a high-temperature dry cycle.	
<b>Dry Level</b>	Default: <b>Very</b>	Available: <b>Very</b>
<b>Temperature</b>	Default: <b>High</b>	Available: <b>High</b>

Cycle	Perm. Press	
<b>Description</b>	Use this cycle to minimize wrinkles when drying tablecloths or wrinkle-free clothes.	
<b>Dry Level</b>	Default: <b>Normal</b>	Available: <b>All</b>
<b>Temperature</b>	Default: <b>Medium</b>	Available: <b>Medium</b>

Cycle	Steam Fresh™	
<b>Description</b>	Use this cycle to quickly reduce wrinkles and odors in fabrics using the power of steam.	
<b>Dry Level</b>	Not adjustable	
<b>Temperature</b>	Default: <b>Med. High</b>	Available: <b>All</b>
<b>Time</b>	10 minutes (not adjustable)	
<b>Fabric Type (Max Amount)</b>	<ul style="list-style-type: none"> <li>• Comforter (Single, 1 each)</li> <li>• Shirts†(5 each)</li> </ul>	

† Shirts : 70% cotton, 30% poly blend. Except especially delicate fabrics

### Non-Default Cycles

Edit the list of dry cycles using the **Cycle List Edit** option to use these cycles.

Cycle	Heavy Duty	
<b>Description</b>	Use this cycle for drying heavy-duty clothes like jeans or garments that need extra drying.	
<b>Dry Level</b>	Default: <b>Normal</b>	Available: <b>All</b>
<b>Temperature</b>	Default: <b>High</b>	Available: <b>High</b>

Cycle	Air Dry	
<b>Description</b>	Use this cycle to dry all items (such as plastics or rubber) that can be tumble dried without using heat.	
<b>Time</b>	Default: 30 minutes	Available: 10 -100 minutes
<b>Temperature</b>	Not adjustable	

Cycle	Steam Sanitary™	
<b>Description</b>	Use this cycle to reduce odors using steam and high temperature.	
<b>Dry Level</b>	Not adjustable	
<b>Temperature</b>	Default: <b>High</b>	Available: <b>High</b>
<b>Time</b>	31 minutes (not adjustable)	
<b>Fabric Type (Max Amount)</b>	<ul style="list-style-type: none"> <li>• Comforter, Bedding (Single, 1 each)</li> <li>• Children's Clothing (3 lbs.)</li> </ul>	

Cycle	Super Dry	
<b>Description</b>	Thoroughly dries cotton fabrics.	
<b>Dry Level</b>	Default: <b>Very</b>	Available: <b>Very</b>
<b>Temperature</b>	Default: <b>High</b>	Available: <b>High</b>

Cycle	Active Wear	
<b>Description</b>	Special or treated fabrics for sports or outerwear.	
<b>Dry Level</b>	Default: <b>Normal</b>	Available: <b>Normal</b>
<b>Temperature</b>	Default: <b>Medium</b>	Available: <b>Medium</b>

Cycle	Jeans	
<b>Description</b>	This cycle is designed specifically for jeans.	
<b>Dry Level</b>	Default: <b>Normal</b>	Available: <b>Normal</b>
<b>Temperature</b>	Default: <b>Medium</b>	Available: <b>Medium</b>

Cycle	Blanket Refresh	
<b>Description</b>	Warms and fluffs up blankets.	
<b>Dry Level</b>	Not adjustable	

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Cycle	Blanket Refresh	
Temperature	Default: <b>Low</b>	Available: <b>Low</b>

Cycle	Low Temp Dry	
Description	Reduces energy consumption.	
Dry Level	Default: <b>Normal</b>	Available: <b>Very, More, Normal</b>
Temperature	Default: <b>Med. Low</b>	Available: <b>Med. Low</b>

Cycle	Overnight Dry	
Description	This energy efficient cycle dries a small load overnight.	
Dry Level	Default: <b>Normal</b>	Available: <b>Normal</b>
Temperature	Default: <b>Med. Low</b>	Available: <b>Med. Low</b>

Cycle	Easy Ironing	
Description	Leaves clothes slightly damp for easy ironing.	
Dry Level	Default: <b>Damp</b>	Available: <b>Damp</b>
Temperature	Default: <b>Medium</b>	Available: <b>Medium</b>

Cycle	Small Load	
Description	Use this cycle for drying light or small items. (up to 3 items)	
Dry Level	Default: <b>Normal</b>	Available: <b>Very, More, Normal</b>
Temperature	Default: <b>High</b>	Available: <b>High</b>

Cycle	Large Load Dry	
Description	This cycle is optimized to dry a half load of laundry properly.	
Dry Level	Default: <b>More</b>	Available: <b>More</b>
Temperature	Default: <b>Med. High</b>	Available: <b>Med. High</b>

Cycle	X Large Load Dry	
Description	This cycle is optimized to dry a full load of laundry properly.	
Dry Level	Default: <b>Very</b>	Available: <b>Very</b>
Temperature	Default: <b>High</b>	Available: <b>High</b>

#### WARNING

- To reduce the risk of serious injury, death, explosion, or fire, follow basic safety precautions, including the following:
  - Do not open the dryer door during steam cycles.
  - Do not touch the steam nozzle in the drum during or after the steam cycle.
- Do not use steam cycles with the following clothes, as they may be damaged.
  - **Steam Sanitary™**: Urethane foam, down feathers or delicate items

- **Steam Fresh™**: Wool, wool blankets, leather jackets, silk, lingerie, foam products, or electric blankets.

**NOTE**

• The **Steam Sanitary™** and **Steam Fresh™** cycles are designed for use with dry clothing.

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**Special Drying Cycles**

These new or specialized drying cycles can be downloaded to your appliance with a smartphone. Refer to the **LG ThinQ** smartphone application for a complete list of the cycles available for download.

Cycle	Wrinkle Prevention	
<b>Description</b>	This cycle prevents wrinkles caused by clothes sitting in the dryer by tumbling clothes without heat after the cycle is complete until the door is opened or the power is turned off.	
<b>Dry level</b>	Default : <b>Normal</b>	Available : <b>Normal</b>
<b>Temperature</b>	Default : <b>Medium</b>	Available : <b>Medium</b>

Cycle	Rack Dry	
<b>Description</b>	This cycle is used with items, such as wool sweaters, silk items, and lingerie, that should be dried flat. This cycle can also be used with items that should not be tumbled dry, such as gym shoes or stuffed animals. Install the rack in the dryer drum before using this cycle.	
<b>Default Time</b>	50 minutes	
<b>Temperature</b>	Default : -	Available : <b>Med. Low, Low, -</b>

**Selectable Drying Options**

Cycle	Option					
	Steam	Damp Dry Signal	Energy Saver	Low Static	Wrinkle Care	Control Lock
<b>Normal</b>	●	●	●	●	●	●
<b>AI Dry</b>	●	●		●	●	●
<b>Bedding</b>				●		●
<b>Delicates</b>		●		●	●	●
<b>Towels</b>		●		●	●	●
<b>Quick Dry</b>				●	●	●
<b>Timed Dry</b>				●	●	●
<b>Power Dry</b>					●	●
<b>Perm. Press</b>	●	●		●	●	●

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Cycle	Option					
	Steam	Damp Dry Signal	Energy Saver	Low Static	Wrinkle Care	Control Lock
Steam Fresh™	●†				●	●
Heavy Duty	●	●		●	●	●
Air Dry					●	●
Steam Sanitary™	●†				●	●
Super Dry					●	●
Active Wear				●	●	●
Jeans				●	●	●
Blanket Refresh					●	●
Low Temp Dry					●	●
Overnight Dry					●†	●
Easy Ironing					●	●
Small Load					●	●
Large Load Dry	●	●		●	●	●
X Large Load Dry	●	●		●	●	●
Wrinkle Prevention	●	●		●	●†	●
Rack Dry						●

† This option is automatically selected for the cycle and cannot be deselected.

#### NOTE

- The **Energy Saver** option helps to reduce the energy use by drying clothes at lower temperatures than the normal mode. When this option is set, the drying time will increase.
- The **Steam** and **Energy Saver** options cannot be used together.

## Cycle Modifiers

### About Modifier Buttons

Each cycle has default settings that are selected automatically. Customize these settings using the cycle modifier buttons. Repeatedly press the button for the desired modifier until the indicator light for the desired setting is lit. Not every option is available with every cycle. If a modifier is not available, the button chimes twice and the setting does not change.



- Temperature indicator lights up and the selected setting is shown in the knob display: ① Low, ② Med Low, ③ Medium, ④ Med High, ⑤ High
- Dry Level indicator lights up and the selected setting is shown in the knob display: ① Damp, ② Less, ③ Normal, ④ More, ⑤ Very
- Dry Time indicator lights up and the selected setting is shown in the knob display: ① 10-20 min, ② 30-40 min, ③ 50-60 min, ④ 70-80 min, ⑤ 90-100 min

### Temp.

Use this button to adjust the temperature setting. This allows precise care of fabrics and garments. Press the **Temp.** button repeatedly to scroll through available settings.

### Dry Level

Use this button to select the dryness level for the cycle. Press the **Dry Level** button repeatedly to scroll through available settings.

- The appliance will automatically adjust the cycle time according to the selected dryness level. Selecting **More** or **Very** will increase the cycle time, while **Less** or **Damp** will decrease the cycle time.
- Use a **Less** or **Damp** setting for items that you wish to iron.

### NOTE

- The appliance will automatically adjust the cycle time according to the selected dryness level. Selecting dry levels above **Normal** will increase the cycle time. Selecting dry levels below **Normal** will decrease the cycle time.

- Use dry level between **Normal** and **Damp** or the **Damp** dry level for items that you wish to iron.

### Dry Time

Use this button to manually select the drying time, from 10 to 100 minutes, in 10-minute increments.

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### Options and Extra Functions

Your dryer includes several additional cycle options to customize cycles to meet your individual needs.

Select the desired option after selecting the desired cycle and settings.

#### NOTE

- The LED for the option will light up when the option is selected.
- To protect your garments, not every option is available with every cycle.

### Steam

Use this function to add steam to a cycle. This function helps reduce wrinkles and odor in fabrics.

- 1 Turn on the dryer and turn the cycle selector knob to select the desired cycle.
- 2 Use the cycle modifier buttons to customize the settings for that cycle.
- 3 Press the **Steam** button.

#### NOTE

- When this function is selected, the **Damp** and **Less** dry levels cannot be selected.

- 4 Press the **Start/Pause** button to start the cycle.

#### ⚠ WARNING

- Do not touch the door during steam cycles. The door surface can become very hot.
- Do not attempt to reach into the dryer during a steam cycle. Steam can cause severe burns.

#### NOTE

- Steam may not be clearly visible during steam cycles. This is normal.
- Do not use steam with delicate fabrics such as wool, silk, or easily discolored fabrics.
- When the filter/duct is clogged, this option may not have optimal results.
- When this function is operating, the drum will stop to allow steam to stay in the drum.

### Low Static

Use this function to add steam. This function injects steam late in the drying cycle to reduce the static electricity caused by dry fabrics rubbing together.

- 1 Turn on the dryer and turn the cycle selector knob to select the desired cycle.
- 2 Use the cycle modifier buttons to customize the settings for that cycle.
- 3 Press the **Low Static** button.

#### NOTE

- When this function is selected, the **Damp** and **Less** dry levels cannot be selected.

- 4 Select **ON**.

- 5 Press the **Start/Pause** button to start the cycle.

#### ⚠ WARNING

- Do not touch the door during steam cycles. The door surface can become very hot.
- Do not attempt to reach into the dryer during a steam cycle. Steam can cause severe burns.

#### NOTE

- Steam may not be clearly visible during steam cycles. This is normal.
- Do not use steam with delicate fabrics such as wool, silk, or easily discolored fabrics.
- When the filter/duct is clogged, this option may not have optimal results.
- When this function is operating, the drum will stop to allow steam to stay in the drum.

### Energy Saver

This option helps to reduce the energy consumption of the **Normal** cycle, depending on the load size. When the **Energy Saver** option is selected, the cycle begins with an air dry section and the drying time is increased.



**NOTE**

- The **Energy Saver** option is turned on by default in the **Normal** cycle.
- Turning the **Energy Saver** option off changes the default cycle to the last cycle used. To return to the default settings, turn the **Energy Saver** option on.

**Wrinkle Care**

Selecting this option will tumble the load periodically for up to 3 hours after the selected cycle, or until the door is opened. This is helpful in preventing wrinkles when you are unable to remove items from the dryer immediately.

Press the **Wrinkle Care** button before you start a dry cycle.

**NOTE**

- When the option is turned on, only the **Power** button works after the dry cycle ends.
- To select the option after starting a cycle, pause the cycle, set the option, and press **Start/Pause**.
- Always turn off the appliance before unloading the clothes.

**Drum Light**

The drum is equipped with a white LED light that illuminates when the dryer is turned on. This light automatically turns off when the door is closed and the cycle starts.

- Press the **Options** button, turn the knob to select **Drum Light** and press the ✓(OK) button. Select **On** and press the ✓(OK) button.
- The drum light will turn off automatically after 4 minutes.

**Damp Dry Signal**

When this option is selected, the appliance signals when the load is approximately 80% dry. This allows you to remove faster-drying lightweight items or items that you would like to iron or hang while they are still slightly damp.

Press the **Options** button, turn the knob to select **Damp Dry Signal** and press the ✓(OK) button. Select **On** and press the ✓(OK) button.

**Control Lock**

Use this function to disable the controls. This function can prevent children from changing cycles or operating the dryer.

**NOTE**

- The function does not lock the door.
- Once this function is set, all buttons are locked except the **Power** button.
- When the controls are locked, the **Control Lock** indicator lights up and the dry cycle is shown on the display.
- Turning off the power will not reset this function. You must deactivate this function before you can access any other options and functions.
- To activate/deactivate the function, turn the dryer on, press the **Options** button, turn the knob to select **Control Lock**, and press the ✓(OK) button. Select **Off** and press the ✓(OK) button.

**Cycle List Edit**

Edit the list of dry cycles as desired.

- 1 Press the **Options** button.
- 2 Turn the knob to select **Cycle List Edit**, and press the ✓(OK) button.
- 3 Select a dry cycle and press the ✓(OK) button.

**NOTE**

- The **Normal** cycle cannot be deleted.
- The order of cycles in the list can be changed. On the product, use the **Auto Cycle Optimization** function in the **Additional Settings** menu. In the **LG ThinQ** application, use the **Product Cycle Management** feature.

**Additional Settings**

- 1 Press the **Options** button.
- 2 Turn the knob to select **Additional Settings** and press the ✓(OK) button.
- 3 Turn the knob to select the desired setting and press the ✓(OK) button.

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- 4 Turn the knob to select or change the setting and press the ✓ (**OK**) button to save the setting.
  
- 5 To return to the previous screen, press the **Options** button again or press the ↶(**Previous**) button.

### NOTE

- If no action is taken for several minutes after pressing the **Options** button, the display reverts to the previous screen.

### Signal

The volume of the notification sounds and button sounds can be set from quiet to very loud.

- Default volume is **Very High** and can be adjusted.
  - Volume : Off, Low, Medium, High, Very High

### Wi-Fi Connection

Use to set up the Wi-Fi connection. When Wi-Fi is turned on, the Wi-Fi icon appears in the display.

### Cycle Optimization

When activated, this feature organizes the cycle list and options automatically based on your usage patterns.

- **On** is the default setting.
- Selecting **Off** retains the current list order.

### Smart Diagnosis

Use this to help troubleshoot errors or malfunctions.

- See the Smart Diagnosis section for more details.

### Reset Settings

Select this to delete all the stored data and initialize settings.

# SMART FUNCTIONS

## LG ThinQ Application

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

### LG ThinQ Application Features

- **Dryer Cycle**
  - Download new and specialized cycles that are not included in the standard cycles on the appliance. Appliances that have been successfully connected to the **LG ThinQ** application can download a variety of specialty cycles specific to the appliance.
- **Energy Monitoring<sup>†</sup>**
  - This feature keeps track of how the dryer's power consumption is affected by selected drying cycles and options.
- **Remote Control**
  - Control the appliance remotely or check to see how much time is left in the cycle from the **LG ThinQ** application.

#### NOTE

- Once the remote control feature is enabled, you can start a cycle from the **LG ThinQ** application. If the cycle is not started, the appliance will wait to start the cycle until the appliance is turned off remotely or the remote control feature is disabled.
- If the door is opened, the remote control feature is disabled.

#### • Push Messages

- When the cycle is complete or the appliance has problems, you will receive a push message.

#### • Smart Diagnosis<sup>TM</sup>

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

#### • Settings

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

<sup>†</sup> This feature is only available on some models.

#### 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.

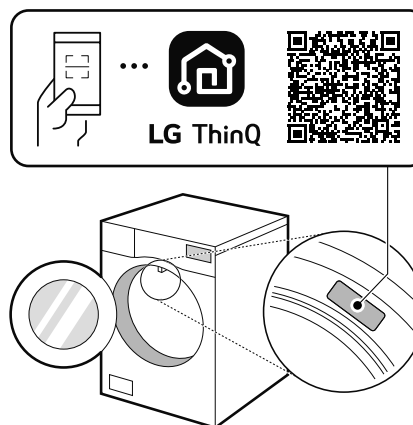
- This information is current at the time of publication. The application is subject to change for product improvement purposes without notice to users.

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## Installing LG ThinQ App and Connecting an LG Appliance

### Models with QR Code

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




### Models without QR Code

- 1** Search for and install the **LG ThinQ** app from the Google Play Store or Apple App Store on a smartphone.
- 2** Run the **LG ThinQ** app and sign in with your existing account or create an LG account to sign in.
- 3** Touch the add (+) button on the **LG ThinQ** app to connect your LG appliance. Follow the instructions in the app to complete the process.

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### NOTE



- You may be asked to provide a password to connect to the LG network (not your home network) during the Wi-Fi setup. The password is the last 4 characters of the network name, repeated twice, with no spaces. For example, if the network name appears as LG\_XXXX\_8b92, then you would enter 8b928b92 as your password. The password is case sensitive and the last 4 characters are unique to your appliance.
- 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.
- 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 Wi-Fi connection may not connect or may be interrupted because of the home network environment.
- The network connection may not work properly depending on the Internet service provider.
- The surrounding wireless environment can make the wireless network service run slowly.
- If the appliance cannot be registered due to problems with the wireless signal transmission, unplug the appliance and wait about a minute before trying again.
- If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.
- The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
- Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.
- If the security protocol of the router is set to **WEP**, network setup may fail. Change the security protocol (**WPA2** is recommended) and connect the product again.

## Using the Appliance Remotely

### Remote Start

Use a smartphone to control the appliance remotely. You can also monitor the cycle operation so you know how much time is left in the cycle.



### Using Remote Start

- 1 Put the laundry into the drum and close the dryer door.
- 2 Press the **Power** button.
- 3 Press the **Options** button, turn the knob to select **Remote Start** and press the  (**OK**) button.
- 4 Turn the knob to select **On** and press the  (**OK**) button to enable the remote control function.
- 5 Start a cycle from the **LG ThinQ** application on your smartphone.

### NOTE

- Once the function is enabled, you can only start a cycle from the **LG ThinQ** smartphone application. If the cycle is not started, the application will wait to start the cycle until it is turned off remotely from the application or this function is disabled.
- If the door has been opened, you cannot start a cycle remotely.

### Disabling Remote Start Manually

When the function is activated, press the **Options** button, turn the knob to select **Remote Start**, and press the  (**OK**) button. Select **Off** and press the  (**OK**) button.

### Download Cycle

You can download new and specialized cycles that are not included in the standard cycles on the appliance.

Appliances that have been successfully connected to a Wi-Fi network can download a variety of specialty cycles specific to the appliance.

## Wireless LAN Module Specifications

Type	Frequency Range	Output Power (Max)
Wi-Fi	2412 - 2462 MHz	< 30 dBm
Bluetooth	2402- 2480 MHz	< 30 dBm

## Industry Canada Statement

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

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

## IC Radiation Exposure Statement

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

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

### NOTE

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

## Open Source Software Notice Information

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

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

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

## Smart Diagnosis™ 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.

## Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

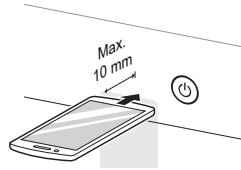
- Launch the **LG ThinQ** application and select the **Smart Diagnosis™** feature in the menu. Follow the instructions for audible diagnosis provided in the **LG ThinQ** application.

- 1** Press the **Power** button to turn on the appliance.
- 2** Press the **Options** button.
- 3** Turn the knob to select **Additional Settings** and press the **✓(OK)** button.
- 4** Turn the knob to select **Smart Diagnosis** and press the **✓(OK)** button.

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- 5** Place the mouthpiece of your smartphone close to the **Power** button and press the ✓(**OK**) button.
- Hold the smartphone mouthpiece to the **Power** button until the data transfer is complete.



- 6** After the data transfer is complete, the appliance will turn off.

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### NOTE

- For best results, do not move the smartphone while the tones are being transmitted.
-

# MAINTENANCE

## ⚠ WARNING

- Unplug the appliance before cleaning.
- Never use harsh chemicals, abrasive cleaners, or solvents to clean the appliance. They will damage the finish.

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## Regular Cleaning

### Cleaning the Exterior

Proper care of your appliance can extend its life. The outside of the appliance can be cleaned with warm water and a mild, nonabrasive household detergent. Immediately wipe off any spills with a soft, damp cloth.

### NOTE

- Do not use methylated spirits, solvents, or similar products.
- Never use steel wool or abrasive cleansers; they can damage the surface.

### Cleaning the Interior

Wipe around the door opening and seal with a soft, damp cloth to prevent lint and dust buildup that could damage the door seal.

Clean the window with a soft cloth dampened with warm water and a mild, nonabrasive household detergent. Then wipe dry.

The stainless steel drum can be cleaned with a conventional stainless steel cleaner, used according to the manufacturer's specifications. Never use steel wool or abrasive cleansers; they may scratch or damage the surface.

### Cleaning Around and Under the Appliance

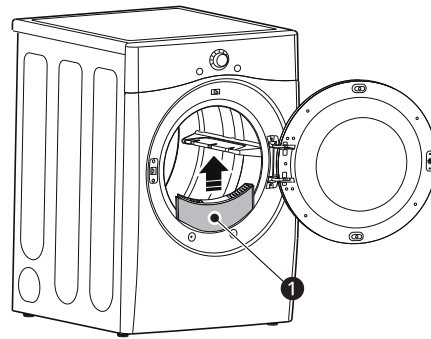
Vacuum lint and dust from around the dryer and underneath it regularly.

### Maintaining Ductwork

Vent ductwork should be checked for lint buildup once per month and cleaned at least once per year. If any noticeable reduction in airflow or drying performance occurs, immediately check ductwork for obstructions and blockages and contact a qualified technician or service provider.

### Cleaning the Lint Filter

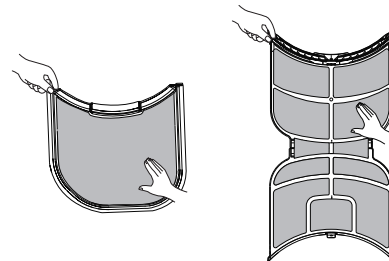
Always clean the lint from the filter after every cycle.



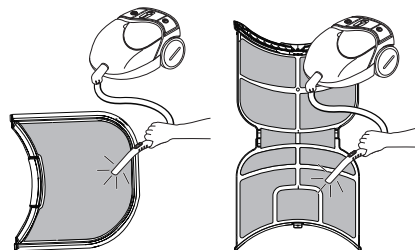
#### 1 Lint Filter

To clean the lint filter, open the dryer door and pull the lint filter straight up. Then:

- 1 For everyday cleaning, roll any lint off the filter with your fingers, or



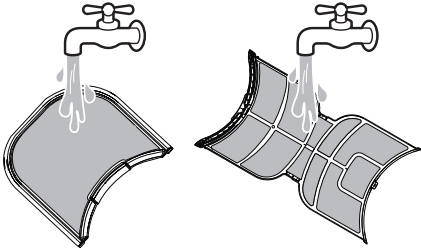
- 2 Vacuum the lint filter.



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- 3 If the lint filter has become very dirty or clogged with fabric softener, wash the lint filter in warm, soapy water and allow it to dry thoroughly before reinstalling.



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### NOTE

- NEVER operate the appliance without the lint filter in place.
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# TROUBLESHOOTING

## FAQs

### Frequently Asked Questions

**Q: When I press a button, why does my dryer beep and then nothing happens?**

A: The Control Lock feature is turned on. To turn it off, press the **Options** button, turn the knob to select **Control Lock**, and press the ✓(OK) button. Select **Off** and press the ✓(OK) button.

**Q: Why does my dryer take so long to dry clothes?**

A: Proper airflow is critical to the efficient operation of clothes dryers. A lint filter which is full of lint or clogged with fabric softener sheet residue can reduce the airflow to the point that the time required to dry clothing will be greatly increased. For more tips, see the troubleshooting charts.

**Q: Why does my dryer start by itself every few minutes?**

A: This is how the Wrinkle Care feature works. The dryer runs briefly every few minutes for up to 3 hours after the cycle finishes. This feature is designed to help prevent wrinkles from setting in when the dryer is not unloaded immediately after the cycle is finished.

### User Support Videos

For further assistance, there are videos and tutorials available through the lg.com website.

Scan this QR code to quickly access the video search page on the official LG website.



- 1 On the lg.com/us home page, click on the **Support** menu tab to bring up the menu selections. Select **Video Tutorials**.
- 2 Type **Dryer** in the search box on the new page and click the **Search** button.

## 50 TROUBLESHOOTING

### Before Calling for Service

The dryer is equipped with an automatic error-monitoring system to detect and diagnose problems at an early stage. If the dryer does not function properly or does not function at all, check the following before you call for service.

#### Error Messages

Problem	Possible Cause & Solution
<b>Temp sensor error 1</b>	<p><b>Temperature sensor failure.</b></p> <ul style="list-style-type: none"> <li>Turn off the appliance and call for service.</li> </ul>
<b>Power supply / Power issue / High voltage / Low voltage</b>	<p><b>Power cord is connected incorrectly.</b></p> <ul style="list-style-type: none"> <li>Check the connection of the power cord to the terminal block.</li> </ul>
<b>Duct blockage (80%), (90%), (95%)</b>	<p><b>Exhaust system is too long or has too many turns/restrictions.</b></p> <ul style="list-style-type: none"> <li>Do not use the appliance until the exhaust system has been cleaned and/or repaired. Using the appliance with severely restricted exhaust is dangerous and could result in a fire or other property damage.</li> <li>Check the outside dryer vent while the appliance is operating to make sure there is strong airflow. If the exhaust system is extremely long, have it repaired or rerouted.</li> </ul>
	<p><b>House exhaust system blocked.</b></p> <ul style="list-style-type: none"> <li>Keep the area around the dryer clean and free of clutter. Check vent hood for damage or lint clogging. Make sure the area around the vent hood is clear.</li> </ul>

#### Operation

Problem	Possible Cause & Solution
<b>Flow Sense™ indicator shows four bars during the drying cycle.</b>	<p><b>Exhaust system is too long or has too many turns/restrictions.</b></p> <ul style="list-style-type: none"> <li>Install a shorter or straighter duct run. See the Installation instructions for details.</li> </ul>
	<p><b>Partial blockage of the ductwork due to lint buildup or other foreign object.</b></p> <ul style="list-style-type: none"> <li>Ductwork should be checked/cleaned immediately. The appliance can be used in this condition, but drying times will be longer and energy consumption will increase.</li> </ul>
	<p><b>The appliance has detected a restriction in the external dryer venting.</b></p> <ul style="list-style-type: none"> <li>If exhaust restrictions are sensed by the <b>Flow Sense™</b> system, the indicator will remain on for 2 hours after the end of the cycle. Opening the door or pressing the <b>Power</b> button will turn off the display.</li> </ul>
<b>The Flow Sense™ indicator remains active after clearing the restriction in the venting.</b>	<p><b>After clearing the restrictions, the Flow Sense™ system requires multiple, consecutive cycles to determine that the performance value has improved before the Flow Sense™ indicator is reset.</b></p> <ul style="list-style-type: none"> <li>If the <b>Flow Sense™</b> indicator remains active for more than five cycles after the restriction has been cleared, call for service.</li> </ul>
<b>The appliance will not turn on.</b>	<p><b>Power cord is not properly plugged in.</b></p> <ul style="list-style-type: none"> <li>Make sure that the power plug is securely plugged into a grounded outlet matching the appliance's rating plate.</li> </ul>
	<p><b>House fuse is blown, circuit breaker has tripped, or power outage has occurred.</b></p> <ul style="list-style-type: none"> <li>Reset circuit breaker or replace fuse. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician.</li> </ul>

Problem	Possible Cause & Solution
<p><b>The appliance does not heat.</b></p>	<p><b>House fuse is blown, circuit breaker has tripped, or power outage has occurred.</b></p> <ul style="list-style-type: none"> <li>Reset circuit breaker or replace fuse. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician.</li> </ul>
	<p><b>Gas supply or service is turned off.</b></p> <ul style="list-style-type: none"> <li>Confirm that the hose gas shutoff and the shutoff valves of the dryer are both fully open. Even if gas is not supplied to the appliance, it will run and no error codes will display. Verify that other gas appliances in the home are working normally.</li> </ul>
	<p><b>Energy Saver option is selected.</b></p> <ul style="list-style-type: none"> <li>If using <b>Normal</b> cycle, deselect the energy saver option that is selected by default. This option reduces energy use by adding an air dry section to the beginning of the cycle. It is normal to feel no heat at the beginning of the cycle while in <b>Energy Saver</b> mode.</li> </ul>
<p><b>Clothes take too long to dry.</b></p>	<p><b>Exhaust ducts are blocked, dirty, or duct run is too long.</b></p> <ul style="list-style-type: none"> <li>Confirm that the exhaust duct is properly configured and free of debris, lint, and obstructions. Make sure that the outside wall damper can open properly and is not blocked, jammed, or damaged.</li> </ul>
	<p><b>Load is not properly sorted.</b></p> <ul style="list-style-type: none"> <li>Separate heavy items from lightweight items. Larger and heavier items take longer to dry. Light items in a load with heavy items can fool the sensor because the light items dry faster.</li> </ul>
	<p><b>Large and heavy fabrics are loaded.</b></p> <ul style="list-style-type: none"> <li>Heavy fabrics take longer to dry because they tend to retain more moisture. To help reduce and maintain more consistent drying times for large and heavy fabrics, separate these items into smaller loads of a consistent size.</li> </ul>
	<p><b>Dryer controls are not set properly.</b></p> <ul style="list-style-type: none"> <li>Use the appropriate control settings for the type of load you are drying. Some loads may require an adjustment of the dry level setting for proper drying.</li> </ul>
	<p><b>Lint filter needs to be cleaned.</b></p> <ul style="list-style-type: none"> <li>Remove the lint from the filter before every load. With the lint removed, hold the filter up to a light to see if it is dirty or clogged. With some loads that produce high amounts of lint, such as new bath towels, it may be necessary to pause the cycle and clean the filter during the cycle.</li> </ul>
	<p><b>House fuse is blown, circuit breaker has tripped, or power outage has occurred.</b></p> <ul style="list-style-type: none"> <li>Reset circuit breaker or replace fuse. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician.</li> </ul>
	<p><b>The appliance is overloaded.</b></p> <ul style="list-style-type: none"> <li>Divide extra large loads into smaller loads for better drying performance and efficiency.</li> </ul>
	<p><b>The appliance is underloaded.</b></p> <ul style="list-style-type: none"> <li>If you are drying a very small load, add a few extra items to ensure proper tumble action. If the load is small and you are using <b>SENSOR DRY</b> cycles, the electronic control cannot properly sense the dryness of the load and may shut off too soon. Use <b>MANUAL DRY</b> cycles or add some extra wet clothes to the load.</li> </ul>
	<p><b>Energy Saver option is selected. (on some models)</b></p> <ul style="list-style-type: none"> <li>If using <b>Normal</b> cycle, deselect the energy saver option that is selected by default. This option reduces energy use by adding an air dry section to the beginning of the cycle. It is normal to feel no heat at the beginning of the cycle while in <b>Energy Saver</b> mode.</li> </ul>
<p><b>Drying time is not consistent.</b></p>	<p><b>Heat settings, load size, or dampness of clothing is not consistent.</b></p> <ul style="list-style-type: none"> <li>The drying time for a load will vary depending on the size of the load, the type of fabrics, the wetness of the clothes and the condition of the lint filter. Even an unbalanced load in the washer can cause poor spinning, resulting in wetter clothes which will take longer to dry.</li> </ul>

## 52 TROUBLESHOOTING

### Performance

Problem	Possible Cause & Solution
<b>Clothes are wrinkled.</b>	<b>Clothes dried too long (overdried).</b> <ul style="list-style-type: none"> <li>Overdrying a load of laundry can lead to wrinkled clothes. Try a shorter drying time or use a lower dry level setting and remove items while they still retain a slight amount of moisture.</li> </ul>
	<b>Clothes left in dryer too long after cycle ends.</b> <ul style="list-style-type: none"> <li>Use the <b>Wrinkle Care</b> option. This option will tumble the clothes briefly every few minutes for up to 3 hours to help prevent wrinkling.</li> </ul>
<b>Greasy or dirty spots on clothes.</b>	<b>Fabric softener used incorrectly.</b> <ul style="list-style-type: none"> <li>Check and follow the instructions provided with your fabric softener.</li> </ul>
	<b>Clean and dirty clothes are being dried together.</b> <ul style="list-style-type: none"> <li>Only use your dryer to dry clean items. Soil from dirty clothes can transfer to the clean clothes in the same or later loads.</li> </ul>
	<b>Clothes were not properly cleaned or rinsed before being placed in the dryer.</b> <ul style="list-style-type: none"> <li>Stains on dried clothes could be stains that were not removed during the washing process. Make sure that clothes are being completely cleaned or rinsed according to the instructions for your washer and detergent. Some difficult soils may require pre-treating prior to washing.</li> </ul>
<b>Clothes are shrinking.</b>	<b>Garment care instructions are not being followed.</b> <ul style="list-style-type: none"> <li>To avoid shrinking your clothes, always consult and follow fabric care instructions. Some fabrics will naturally shrink when washed. Other fabrics can be washed but will shrink when dried in a dryer. Use a low or no heat setting.</li> </ul>
<b>Lint on clothes.</b>	<b>Lint filter not cleaned properly.</b> <ul style="list-style-type: none"> <li>Remove the lint from the filter before every load. With the lint removed, hold the filter up to a light to see if it is dirty or clogged. If it looks dirty, follow the cleaning instructions in the <b>MAINTENANCE</b> section. With some loads that produce high amounts of lint, it may be necessary to clean the filter during the cycle.</li> </ul>
	<b>Laundry not sorted properly.</b> <ul style="list-style-type: none"> <li>Some fabrics are lint producers (i.e., a fuzzy white cotton towel) and should be dried separately from clothes that are lint trappers (i.e., a pair of black linen pants).</li> </ul>
	<b>Excess static in clothes.</b> <ul style="list-style-type: none"> <li>Use a fabric softener to reduce static electricity. Be sure to follow the manufacturer's instructions. Overdrying a load of laundry can cause a buildup of static electricity.</li> <li>Adjust settings and use a shorter drying time.</li> </ul>
	<b>The appliance is overloaded.</b> <ul style="list-style-type: none"> <li>Divide extra large loads into smaller loads for drying.</li> </ul>
	<b>Tissue, paper, etc., left in pockets.</b> <ul style="list-style-type: none"> <li>Check pockets thoroughly before washing and drying clothes.</li> </ul>
<b>Excess static in clothes after drying.</b>	<b>Fabric softener is not used or is used incorrectly.</b> <ul style="list-style-type: none"> <li>Use a fabric softener or the <b>Low Static</b> option, if available, to reduce static electricity. Be sure to follow the manufacturer's instructions.</li> </ul>
	<b>Clothes dried too long (overdried).</b> <ul style="list-style-type: none"> <li>Overdrying a load of laundry can cause a buildup of static electricity. Adjust settings and use a shorter drying time. Select a lower dry level setting on the selected cycle, if necessary.</li> </ul>
	<b>Drying synthetics, permanent press, or synthetic blends.</b> <ul style="list-style-type: none"> <li>These fabrics are naturally more prone to static buildup. Try using fabric softener, or use a lower dry level setting and/or shorter time settings.</li> </ul>

Problem	Possible Cause & Solution
<b>Clothes have damp spots after drying.</b>	<p><b>Very large load or very small load. Single large item such as a blanket or comforter.</b></p> <ul style="list-style-type: none"> <li>If items are too tightly packed or too sparse the sensor may have trouble reading the dryness level of the load. Use a <b>Timed Dry</b> cycle for very small loads.</li> <li>Large, bulky items such as blankets or comforters can sometimes wrap themselves into a tight ball of fabric. The outside layers will dry and register on the sensors, while the inner core remains damp. When drying a single bulky item, it may help to pause the cycle once or twice and rearrange the item to unwrap and expose any damp areas.</li> <li>To dry a few remaining damp items from a very large load or a few damp spots on a large item after a sensor cycle has completed, empty the lint trap, and then set a <b>Timed Dry</b> cycle to finish drying the item(s).</li> </ul>

## Steam Functions

Problem	Possible Cause & Solution
<b>Water drips from nozzle when steam cycle starts.</b>	<p><b>This is normal.</b></p> <ul style="list-style-type: none"> <li>This is steam condensation. The dripping water will stop after a short time.</li> </ul>
<b>Garments still wrinkled after Steam Fresh™.</b>	<p><b>Too many or overly different types of garments in dryer.</b></p> <ul style="list-style-type: none"> <li>Small loads of 1 to 5 items work best. Load fewer garments. Load similar types of garments.</li> </ul>
<b>Creases or pleats are gone from garments after Steam Fresh™.</b>	<p><b>The function of this cycle is to remove wrinkles from fabric.</b></p> <ul style="list-style-type: none"> <li>Use an iron to replace creases and pleats in garments.</li> </ul>
<b>Garments have static after using the Low Static option.</b>	<p><b>This is normal.</b></p> <ul style="list-style-type: none"> <li>The amount of static experienced will depend on the individual moisture level in the skin.</li> </ul>
<b>Steam does not generate, but no error code is shown.</b>	<p><b>Water level error.</b></p> <ul style="list-style-type: none"> <li>Unplug dryer and call for service.</li> </ul>
<b>Water drips from door during steam cycle.</b>	<p><b>This is normal.</b></p> <ul style="list-style-type: none"> <li>Condensation will normally form on the inside of the dryer door during steam operation. Some condensation may drip out the bottom of the door.</li> </ul>
<b>Steam is not visible during steam cycle.</b>	<p><b>This is normal.</b></p> <ul style="list-style-type: none"> <li>Steam vapor is difficult to see when the door is closed. However, condensation will normally form on the inside of the dryer door if the steam system is operating normally.</li> </ul>
<b>Drum does not turn during steam cycle.</b>	<p><b>This is normal.</b></p> <ul style="list-style-type: none"> <li>The drum is turned off so that the steam vapor remains in the drum. The drum will normally turn for about 2 seconds once a minute.</li> </ul>
<b>Cannot see steam vapor at the beginning of cycle.</b>	<p><b>This is normal.</b></p> <ul style="list-style-type: none"> <li>Steam is released at different stages of the cycle for each option.</li> </ul>
<b>Odors remain in clothing after Steam Fresh™.</b>	<p><b>Steam Fresh™ did not remove odor completely.</b></p> <ul style="list-style-type: none"> <li>Fabrics containing strong odors should be washed in a normal cycle.</li> </ul>

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### Odors

Problem	Possible Cause & Solution
<b>The appliance has an unpleasant odor.</b>	<b>Are you using the appliance for the first time?</b> <ul style="list-style-type: none"> <li>The odor is caused by the rubber material inside the appliance. The odor is normal when the appliance is new and disappears after you run several cycles.</li> </ul>
	<b>Do you smell an odor during use?</b> <ul style="list-style-type: none"> <li>Do not exceed the manufacturer's recommended amount of detergent when washing clothes. Excess detergent can build up on clothing and cause odors.</li> <li>Leaving clothes in the washer or dryer after the cycle ends can lead to odors. Unload clothing promptly when the cycle ends.</li> <li>Keep lint filters clean. Clogged or dirty lint filters can cause odors. After cleaning the lint filter, allow it to dry completely before using it.</li> </ul>

### Wi-Fi

Problem	Possible Cause & Solution
<b>Trouble connecting appliance and smartphone to Wi-Fi network.</b>	<b>The password for the Wi-Fi network was entered incorrectly.</b> <ul style="list-style-type: none"> <li>Delete your home Wi-Fi network and begin the connection process again.</li> </ul>
	<b>Mobile data for your smartphone is turned on.</b> <ul style="list-style-type: none"> <li>Turn off the <b>Mobile data</b> on your smartphone before connecting the appliance.</li> </ul>
	<b>The wireless network name (SSID) is set incorrectly.</b> <ul style="list-style-type: none"> <li>The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)</li> </ul>
	<b>The router frequency is not 2.4 GHz.</b> <ul style="list-style-type: none"> <li>Only a 2.4 GHz router frequency is supported. Set the wireless router to 2.4 GHz and connect the appliance to the wireless router. To check the router frequency, check with your Internet service provider or the router manufacturer.</li> </ul>
	<b>The appliance and the router are too far apart.</b> <ul style="list-style-type: none"> <li>If the appliance is too far from the router, the signal may be weak and the connection may not be configured correctly. Move the router closer to the appliance or purchase and install a Wi-Fi repeater.</li> </ul>
	<b>During Wi-Fi setup, the app is requesting a password to connect to the product (on certain phones).</b> <ul style="list-style-type: none"> <li>Locate the network name which starts with "LG" under Settings &gt; Networks. Note the last part of the network name. <ul style="list-style-type: none"> <li>If the network name looks like LGE_Appliance_XX-XX-XX, enter lge12345.</li> <li>If the network name looks like LGE_Appliance_XXXX, enter XXXX twice as your password. For example, if the network name appears as LGE_Appliance_8b92, then you would enter 8b928b92 as your password. In this instance, the password is case sensitive and the last 4 characters are unique to your appliance.</li> </ul> </li> </ul>

# WARRANTY

## CANADA

### 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 THE LAWS OF YOUR PROVINCE OR TERRITORY DO NOT PERMIT THAT, OR, IN OTHER JURISDICTIONS, IF 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.**

Should your LG Dryer ("Product") fail due to a defect in materials or workmanship under normal and proper use, during the warranty period set forth below, LG Electronics Canada, Inc. ("LGECI") will, at its option, repair, replace or pro rate the Product upon receipt of proof of the original retail purchase. This limited warranty is valid only to the original retail purchaser of the Product and applies only to a Product distributed, purchased from an authorized retailer and used within Canada, as determined at the sole discretion of LGECI.

<b>WARRANTY PERIOD (Note: If the original date of purchase cannot be verified, the warranty will begin sixty (60) days from the date of manufacture)</b>		
<b>Period</b>	<b>Scope of Warranty</b>	<b>HOW SERVICE IS HANDLED</b>
One (1) year from the date of original retail purchase	Parts and Labor (internal/functional parts only)	LG will provide parts and labor to repair or replace defective parts.
Three (3) years from the date of original retail purchase	Dryer Drum (Parts only)	Parts only. Customer will be responsible for any labor or in-home service to replace defective parts.

- Replacement products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
- Replacement products and parts may be new, reconditioned, refurbished, or otherwise factory remanufactured, all at the sole discretion of LGECI.
- Proof of original retail purchase specifying the Product model and date of purchase is required to obtain warranty service under this Limited Warranty.

**LGECI'S SOLE LIABILITY IS LIMITED TO THE LIMITED WARRANTY SET OUT ABOVE. EXCEPT AS EXPRESSLY PROVIDED ABOVE, LGECI MAKES NO, AND HEREBY DISCLAIMS, ALL OTHER WARRANTIES AND CONDITIONS RESPECTING THE PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND NO REPRESENTATIONS SHALL BE BINDING ON LGECI. LGECI DOES NOT AUTHORIZE ANY PERSON TO CREATE OR ASSUME FOR IT ANY OTHER WARRANTY OBLIGATION OR LIABILITY IN CONNECTION WITH THE PRODUCT. TO THE EXTENT THAT ANY WARRANTY OR CONDITION IS IMPLIED BY LAW, IT IS LIMITED TO THE WARRANTY PERIOD SET OUT ABOVE. UNDER NO CIRCUMSTANCES SHALL LGECI, THE MANUFACTURER OR DISTRIBUTOR OF THE PRODUCT, BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, DIRECT, INDIRECT, PUNITIVE OR EXEMPLARY DAMAGES, INCLUDING, WITHOUT LIMITATION, LOSS OF GOODWILL, LOST PROFITS, LOSS OF ANTICIPATED PROFITS, LOST REVENUE, LOSS OF USE, OR ANY OTHER DAMAGE, WHETHER ARISING DIRECTLY OR INDIRECTLY FROM ANY CONTRACTUAL BREACH, FUNDAMENTAL BREACH, TORT OR OTHERWISE, OR FROM ANY ACTS OR OMISSIONS. LGECI'S TOTAL LIABILITY, IF ANY, SHALL NOT EXCEED THE PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.**

This Limited Warranty gives you specific legal rights. You may also have other rights that vary from province to province depending on applicable provincial laws. Any term of this Limited Warranty that negates or varies any implied condition or warranty under provincial law is severable where it conflicts with such provincial law without affecting the remainder of this warranty's terms.

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### THIS LIMITED WARRANTY DOES NOT COVER:

- Service trips to i) deliver, pick up, or install or; educate on how to operate the Product; ii) correct wiring or plumbing; or iii) correct unauthorized repairs or installations of the Product;
- Damage or failure of the Product to perform during power failures and interrupted or inadequate electrical service;
- Damage or failure caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air;
- Damage or failure resulting from operating the Product in a corrosive atmosphere or contrary to the instructions outlined in the Product's owner's manual;
- Damage or failure to the Product caused by accidents, pests and vermin, lightning, wind, fire, floods, acts of God, or any other causes beyond the control of LGECI or the manufacturer;
- Damage or failure resulting from misuse, abuse, improper installation, repair, or maintenance of the Product. Improper repair includes use of parts not authorized or specified by LGECI. Improper installation or maintenance includes installation or maintenance contrary to the Product's owner's manual;
- Damage or failure caused by unauthorized modification or alteration of the Product, or if used for other than the intended household purpose/use of the Product, or damage or failure resulting from any water leakage due to improper installation of the Product;
- Damage or failure caused by incorrect electrical current, voltage or plumbing codes;
- Damage or failure caused by use that is other than normal household use, including, without limitation, commercial or industrial use, including use in commercial offices or recreational facilities, or as otherwise outlined in the Product's owner's manual;
- Damage or failure caused by the use of any accessories, components or cleaning products, including, without limitation, that are not approved/authorized by LGECI;
- Damage or failure caused by transportation and handling, including scratches, dents, chips and/or other damage to the finish of the Product, unless such damage results from defects in materials or workmanship and is reported to LGECI within one (1) week of delivery of the Products;
- Damage or missing items to any display, open box, refurbished or discounted Product;
- Refurbished Product or any Product sold "As Is", "Where Is", "With all Faults", or any similar disclaimer;
- Products with original serial numbers that have been removed, altered or cannot be readily determined at the discretion of LGECI;
- Increases in utility costs and additional utility expenses in any way associated with the Product;
- Replacement of light bulbs, filters, fuses or any other consumable parts;
- Costs associated with removal and/or reinstallation of the Product for repairs;
- Noises associated with normal operation and failure to follow instructions found in the use and care and installation guides or operating the unit in an unsuitable environment will not be covered under this warranty.
- Coverage for "in Home" repairs, for products in-warranty, will be provided if the Product is within a 150 km radius from the nearest authorized service center (ASC), as determined by LG Canada. If your Product is located outside a 150 km radius from a ASC, as determined by LG Canada, it will be your responsibility to bring the Product, at your sole expense, to the ASC for in-warranty repair.
- Conversion of product from natural gas or LP gas.

**All costs and expenses associated with the above excluded circumstances, listed under the heading, This Limited Warranty Does Not Cover, shall be borne by the consumer.**

TO OBTAIN WARRANTY SERVICE AND ADDITIONAL INFORMATION, PLEASE CALL OR VISIT OUR WEBSITE:

Call 1-888-542-2623 and select the appropriate option from the menu, or visit our website at <http://www.lg.com>



## PROCEDURE FOR RESOLVING DISPUTES:

EXCEPT WHERE PROHIBITED AT LAW, 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. EXCEPT WHERE PROHIBITED AT LAW, YOU AND LG BOTH IRREVOCABLY AGREE TO WAIVE 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 Canada, 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 LGECI Legal Team at 20 Norelco Drive, North York, Ontario, Canada M9L 2X6 (the “Notice of Dispute”). 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 of LG’s receipt of the Notice of Dispute, the dispute shall be resolved by binding arbitration in accordance with the procedure set out herein. You and LG both agree that, during the arbitration proceeding, the terms (including any amount) of any settlement offer made by either you or LG will not be disclosed to the arbitrator until the arbitrator determines the dispute.

**Agreement to Binding Arbitration and Class Action Waiver.** Upon failure to resolve the dispute during the 30 day period after LG’s receipt of the Notice of Dispute, you and LG agree to resolve any claims between you and LG only by binding arbitration on an individual basis, unless you opt out as provided below, or you reside in a jurisdiction that prevents full application of this clause in the circumstances of the claims at issue (in which case if you are a consumer, this clause will only apply if you expressly agree to the arbitration). To the extent permitted by applicable law, 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, except to the extent such a prohibition is not permitted at law, 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 except to the extent this prohibition is not permitted at law in your province or territory of jurisdiction as it relates to the claims at issue between you and LG.

**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 private and confidential, and conducted on a simplified and expedited basis before a single arbitrator chosen by the parties under the provincial or territorial commercial arbitration law and rules of the province or territory of your residence. You must also send a copy of your written demand to LG at LG Electronics, Canada, Inc., Attn: Legal Department- Arbitration, 20 Norelco Drive, North York, Ontario M9L 2X6. This arbitration provision is governed by your applicable provincial or territorial commercial arbitration legislation. 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 province or territory of your purchase shall govern this Limited Warranty and any disputes between you and LG except to the extent that such law is preempted by or inconsistent with applicable federal or provincial/territorial law. Should arbitration not be permitted for any claim, action, dispute or controversy between you and LG, you and LG attorn to the exclusive jurisdiction of the courts of the province or territory of your purchase for the resolution of the claim, action, dispute or controversy between you and LG.

**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 unless you seek more than \$25,000 in damages, in which case the payment of these fees will be governed by the applicable arbitration rules. Except as otherwise provided for herein, LG will pay all filing, administration and arbitrator fees for any arbitration initiated in accordance with the applicable arbitration 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

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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 applicable laws), then the payment of all arbitration fees will be governed by the applicable arbitration 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 applicable arbitration 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 (1) on the basis of documents submitted to the arbitrator, (2) through a telephonic hearing, or (3) by an in-person hearing as established by the applicable arbitration rules. If your claim exceeds \$25,000, the right to a hearing will be determined by the applicable arbitration rules. Any in-person arbitration hearings will be held at the nearest, most mutually-convenient arbitration location available within the province or territory in which you reside unless you and LG both agree to another location or agree to a telephonic arbitration.

**Severability and Waiver.** If any portion of this Limited Warranty (including these arbitration procedures) is unenforceable, the remaining provisions will continue in full force and effect to the maximum extent permitted by applicable law. Should LG fail to enforce strict performance of any provision of this Limited Warranty (including these arbitration procedures), it does not mean that LG intends to waive or has waived any provision or part of this Limited Warranty.

**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/ca\\_en/support/repair-service/schedule-repair](https://www.lg.com/ca_en/support/repair-service/schedule-repair) and clicking on "Find My Model & Serial Number").

In the event that you "Opt Out", the law of the province or territory of your residence shall govern this Limited Warranty and any disputes between you and LG except to the extent that such law is preempted by or inconsistent with applicable federal or provincial/territorial law. Should arbitration not be permitted for any claim, action, dispute or controversy between you and LG, you and LG agree to attorn to the exclusive jurisdiction of the courts of the province or territory of your residence for the resolution of the claim, action, dispute or controversy between you and LG.

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.

**Conflict of Terms.** In the event of a conflict or inconsistency between the terms of this Limited Warranty and the End User License Agreement ("EULA") in regards to dispute resolution, the terms of this Limited Warranty shall control and govern the rights and obligations of the parties and shall take precedence over the EULA.