OWNER'S MANUAL

WASHTOWER

Before beginning installation, read these instructions carefully. This will simplify installation and ensure that the product is installed correctly and safely. Leave these instructions near the product after installation for future reference.

ENGLISH

WK25BS6 / WK25VS6

MFL71983230
Rev.00_031524

www.lg.com

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This manual may contain images or content that may be different from the model you purchased.

This manual is subject to revision by the manufacturer.

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SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance.

The guidelines are separated into ‘WARNING’ and ‘CAUTION’ as described below.

Safety Messages

This symbol is displayed to indicate matters and operations that can cause risk. Read the part with this symbol carefully and follow the instructions in order to avoid risk.

WARNING

This indicates that the failure to follow the instructions can cause serious injury or death.

CAUTION

This indicates that the failure to follow the instructions can cause the minor injury or damage to the product.

Safety for a Dryer

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 dryer in accordance with the installation instructions of the manufacturer of 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.**

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.**

WARNING

⚠ WARNING

- To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

Technical Safety

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- The inlet water pressure must be between 50 kPa and 800 kPa.
- Use a new hose or hose-set supplied with the appliance. Reusing old hoses can cause a water leak and subsequent property damage.
- Ventilation openings must not be obstructed by a carpet.
- Do not dry unwashed items in the appliance.
- Fabric softeners, or similar products, should be used as specified by the fabric softener instructions.
- Remove all objects from pockets such as lighters and matches.
- Never stop the appliance before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.
- The appliance is not to be used if industrial chemicals have been used for cleaning.
- Items that have been soiled with substances such as cooking oil, vegetable oil, acetone, alcohol, petroleum, kerosene, spot removers, turpentine, waxes and wax removers should be washed in hot water with an extra amount of detergent before being dried in the appliance.

- Do not drink the condensed water. Failure to do so may result in food-borne illnesses.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agents or similarly qualified person in order to avoid a hazard.
- The lint filter must be cleaned frequently.
- Lint must not to be allowed to accumulate around the appliance.
- Do not spray dry cleaning detergent directly onto the appliance or use the appliance to dry clothes left with dry cleaning detergent.
- Do not dry clothes stained with oil substances. Oil substances (including edible oils) stained on clothes cannot be completely removed even after washing with water.
- 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.
- Remove clothes from the product immediately when drying is complete or the power is turned off during the drying process. Leaving clothes that has been dried in the appliance unattended could result in fire. Clothes not removed from the appliance after drying could result in fire. Remove clothes immediately after drying, and then hang or lay the clothes flat to cool.
- This appliance is intended to be used in household only.

Maximum Capacity

The maximum capacity in some cycles for dry clothes to be used is **Wash : 25 kg, Dry : 11 kg (Dry Clothes) / 22 kg (Wet Clothes)**.

Installation

- Never attempt to operate the appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
- This appliance should only be transported by two or more people holding the appliance securely.

- Do not install the appliance in a damp and dusty place. Do not install or store the appliance in any outdoor area, or any area that is subject to weathering conditions such as direct sunlight, wind, rain, or temperatures below freezing.
- Make sure the power plug is completely pushed into the power outlet.
- Do not plug the appliance into multiple outlet sockets, power boards, or an extension power cable.
- Do not modify the power plug provided with the appliance. If it does not fit the power outlet, have a proper outlet installed by a qualified electrician.
- This appliance is equipped with a power cord having an equipment-earthing / grounding conductor (earthing pin) and a grounding power plug. The power plug must be plugged into an appropriate outlet socket that is installed and earthed / grounded in accordance with all local codes and ordinances.
- Improper connection of the equipment-grounding conductor can result in risk of electric shock. Check with a qualified electrician or service personnel if you are in doubt as to whether the appliance is properly grounded.
- This appliance must not be installed behind a lockable door, a sliding door or a door with a hinge on the opposite side to that of the appliance, in such a way that a full opening of the appliance door is restricted.
- Tighten the drain hose to avoid separation.
- If the power cord is damaged or the hole of the socket outlet is loose, do not use the power cord and contact an authorized service centre.

Operation

- To avoid breaking the door glass, do not push too hard on the door when closing.
- Do not apply any sharp objects to the control panel in order to operate the appliance.
- Do not attempt to separate any panels or disassemble the appliance.

- 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 push down the door excessively, when the appliance door is open.
- Do not put animals, such as pets into the appliance.
- Do not wash rugs, mats, shoes or pet blankets, stuffed toys, or any other items other than clothes or sheets, in this machine.
- Keep the area underneath and around the appliance free of combustible materials such as lint, paper, rags, chemicals, etc.
- Do not leave the appliance door open. Children may hang on the door or crawl inside the appliance, causing damage or injury.
- Do not put in, wash or dry articles that have been cleaned in, washed in, soaked in, or spotted with combustible or explosive substances (such as waxes, wax removers, oil, paint, gasoline, degreasers, drycleaning solvents, kerosene, petrol, spot removers, turpentine, vegetable oil, cooking oil, acetone, alcohol, etc.). Improper use can cause fire or explosion.
- Items such as foam rubber (latex foam), shower caps, waterproof textiles, rubber backed articles and clothes or pillows fitted with foam rubber pads should not be dried in the appliance.
- Do not use or store flammable or combustible substances (ether, benzene, alcohol, chemical, LPG, combustible spray, gasoline, thinner, petroleum, insecticide, air freshener, cosmetics, etc.) near the appliance.
- Never reach into the appliance while it is operating. Wait until the drum has completely stopped.
- Do not touch the door during a high temperature programme.
- In case of a water leak from the appliance or flood, disconnect the power plug and contact the LG Electronics customer information centre.

- Turn off water taps to relieve pressure on hoses and valves and to minimize leakage if a break or rupture should occur. Check the condition of the fill hoses; they should be replaced after 5 years.
- If there is a gas leakage (isobutane, propane, natural gas, etc.) within the home, do not touch the appliance or power plug and ventilate the area immediately.
- If the drain hose or inlet hose is frozen during winter, use it only after thawing.
- Keep all washing detergents, softener and bleach away from children.
- Do not touch the power plug or the appliance controls with wet hands.
- Do not bend the power cable excessively or place a heavy object on it.
- Avoid touching any water that is drained from the appliance during the wash.
- Make sure that drainage is working properly. If water is not drained properly, your floor may get flooded.
- When the air temperature is high and the water temperature is low, condensation may occur and thus wet the floor.
- Wipe off dirt or dust on the contacts of the power plug.

Maintenance

- Disconnect the appliance from the power supply before cleaning the appliance. Setting the controls to the OFF or stand by position does not disconnect this appliance from the power supply.
- Securely plug the power plug in the outlet socket after completely removing any moisture and dust.
- Do not spray water inside or outside the appliance to clean it.
- Never unplug the appliance by pulling on the power cable. Always grip the power plug firmly and pull straight out from the outlet socket.
- Only qualified service personnel from LG Electronics service centre should disassemble, repair, or modify the appliance. Contact an LG

Electronics customer information centre if you move and install the appliance in a different location.

Disposal

- Before discarding an old appliance, unplug it. Cut off the cable directly behind the appliance to prevent misuse.
- Dispose of all packaging materials (such as plastic bags and styrofoam) away from children. The packaging materials can cause suffocation.
- Remove the door before disposing of or discarding this appliance to avoid the danger of children or small animals getting trapped inside.

CARING FOR THE ENVIRONMENT

Disposal of Your Old Appliance

- This crossed-out wheeled bin symbol indicates that waste electrical and electronic products (WEEE) should be disposed of separately from the municipal waste stream.
- Old electrical products can contain hazardous substances so correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health. Your old appliance may contain reusable parts that could be used to repair other products, and other valuable materials that can be recycled to conserve limited resources.
- You can take your appliance to any of the authorised centres for collection. If you want to know an updated list of countries that have this service, visit the page https://www.lg.com/global/take-back-recycling-global-network-south-america.

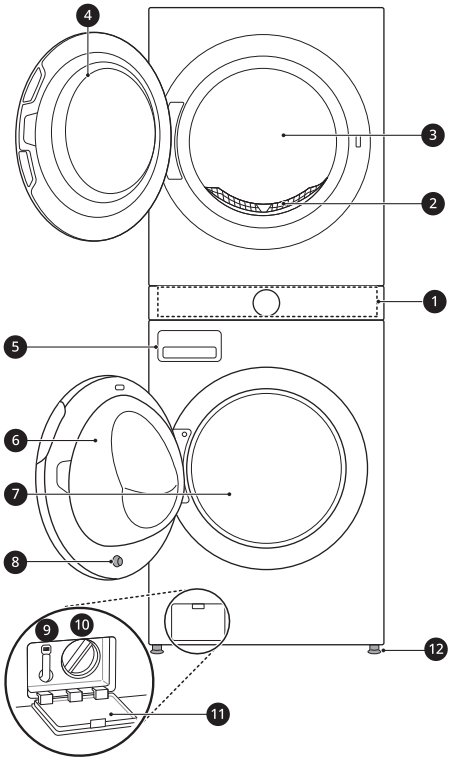
INSTALLATION

Parts and Specifications

NOTE

- Appearance and specifications may change without notice to improve the quality of the appliance.

Front View



❶ Control Panel

❷ Lint Filter

❸ Dryer Drum

❹ Dryer Door

❺ Detergent Dispenser Drawer

❻ Washer Door

❼ Washer Drum

❽ Washer Door Magnet

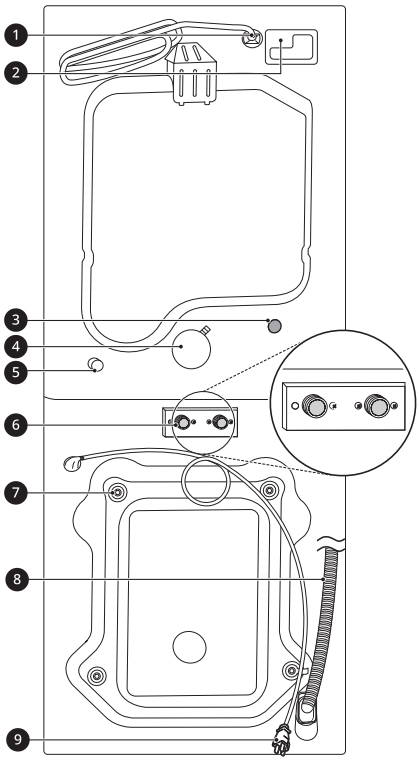
❾ Drain Hose

❿ Drain Pump Filter

⓫ Drain Pump Filter Cover

⓬ Leveling Feet

Rear View



❶ Power Cord (for Gas Models)

❷ Terminal Block Access Panel (for Electric Models)

❸ Cold Water Inlet

❹ Exhaust Duct Outlet

❺ Gas connection (for Gas Models)

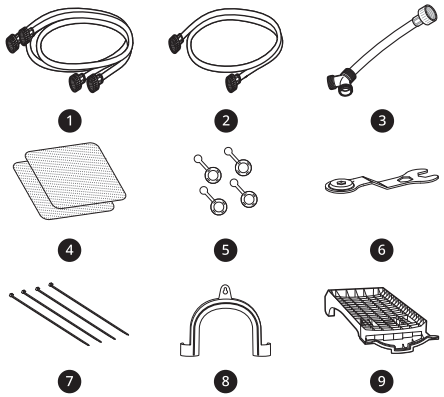
❻ Hot and Cold Water Inlets

❼ Shipping Bolts

❽ Drain Hose

❾ Power Cord (for Washer)

Accessories



❶ Hot and Cold Water Hoses (for Washer)

❷ Cold Water Hose (for Dryer)

❸ Connecting Supply Hose

❹ Non-skid Pads

❺ Hole Caps

❻ Wrench

❼ Tie Straps

❽ Elbow Bracket (for securing drain hose)

❾ Drying Rack

⚠ 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.

Specifications

Model	WK25BS6 / WK25VS6
Power supply	120 V~ 60 Hz
Dimensions (Width X Depth X Height)	700 mm X 830 mm X 1890 mm
Product weight	145 kg
Max. capacity	Washing : 25 kg Drying : 11 kg (Dry Clothes) / 22 kg (Wet Clothes)
Maximum Power	1320 W (washing) / 400 W (drying)
Permissible Inlet Water pressure	50 KPa ~ 800 KPa (0.5~8.0 kgf/cm^2)
Gas Requirements	NG: 10.2 - 26.7 cm WC LP: 20.4 - 33.1 cm WC

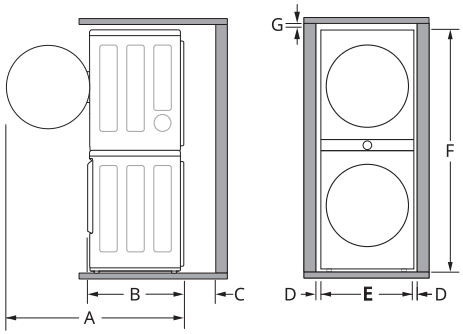
Installation Place Requirements

Before installing the appliance, check the following information to make sure that the appliance should be installed in a correct place.

Flooring

- To minimize noise and vibration, install the washer on a level, solidly constructed floor capable of supporting the appliance without flexing or bouncing.
- The appliance 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 appliance must not slope more than **2.5 cm** from front to back or side to side.
- Installing on carpeting and soft tile surfaces is not recommended.
- Never install the appliance 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 **2.5 cm** at the sides and **10 cm** behind the appliance. Be sure to allow for wall, door, or floor moldings that may increase the required clearances.



Dimensions and Clearances	
A	146 cm
B	83 cm

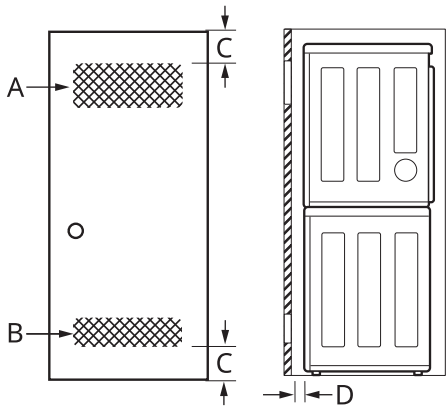
Dimensions and Clearances	
C	10 cm
D	2.5 cm
E	70 cm
F	189 cm
G	2.5 cm

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 appliance to reduce noise transfer.

Installation spacing for Recessed Area or Closet Installation



Description	Dimension/ Clearance
A: Upper Ventilation Opening	310 cm^2
B: Lower Ventilation Opening	155 cm^2

Description	Dimension/ Clearance
C: Distance to Ventilation Opening	7.6 cm
D: Front Clearance	10 cm

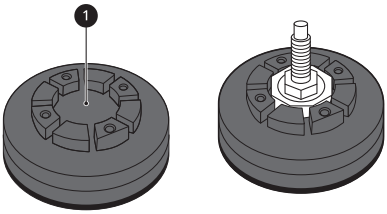
Closet Ventilation Requirements
Closets with doors must have both an upper and lower vent to prevent heat and moisture buildup in the closet. One upper vent opening with a minimum opening of 310 cm^2 must be installed no lower than 6 feet above the floor. One lower vent opening with a minimum opening of 155 cm^2 must be installed no more than one foot above the floor. Install vent grills 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 appliance (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 an appliance.

Wooden Floors (Suspended Floors)

When installing the appliance on wooden floors, use rubber cups to reduce excessive vibration and unbalance. Timber or suspended type flooring may contribute to excessive vibration and unbalance, errors and malfunction.



- To reduce vibration, we recommend placing at least 20 mm thickness of rubber caps ❶ under each adjusting foot of the appliance, secured to at least two floor beams with screws.
- If possible, install the appliance in one of the corners of the room, where the floor is more stable.
- Fit the rubber cups to reduce vibration.

⚠ CAUTION

- If the appliance is installed on the unstable floor (e.g. wooden floor), the warranty does not cover any damages and cost occurred due to the installation on the unstable floor.

NOTE

- You can purchase rubber cups (part No. **MJB65174401, MJB65174501**) from the LG service centre.

Electrical Connection

- Do not use an extension cord or double adapter.
- Always unplug the appliance and turn off the water supply after use.
- Connect the appliance to an earthed socket in accordance with current wiring regulations.
- The appliance must be positioned so that the plug is easily accessible.
- Power outlet must be within 1 meter of either side of the appliance.

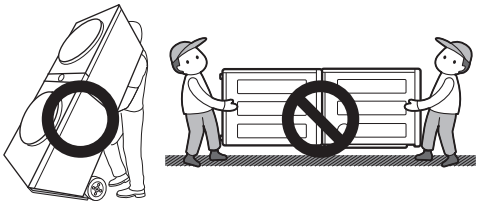
⚠ WARNING

- Repairs to the appliance must only be carried out by qualified personnel. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact your local authorised LG repairer.
- The power plug must be plugged into an appropriate outlet socket that is installed and grounded/earthed in accordance with all local codes and ordinances.

Unpacking the Appliance

⚠ WARNING

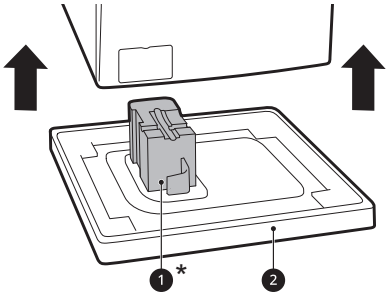
- When installing this appliance, take adequate measures to protect yourself, e.g. by wearing protective gloves.
- Moving or installation of the appliance requires two or more people. Failure to follow these instructions may result in injury.
- When moving the product, tilt it toward the back of the product. Do not transport the product in a horizontal position.



Lifting the Appliance Off the Foam Base

* This feature may vary depending on the model purchased.

After removing the carton and shipping material, lift the appliance off the foam base.

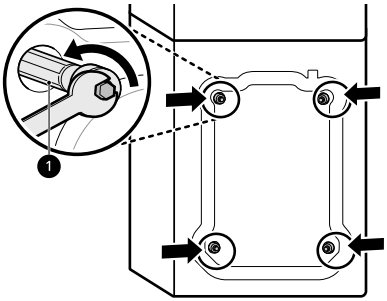


- Make sure the tub support ❶* comes off with the base and is not stuck to the bottom of the appliance.
- If you must lay the appliance down to remove the carton base ❷, always protect the side of the appliance and lay it carefully on its side. Do not lay the appliance on its front or back.

Removing the Transit Bolt Assemblies

To prevent the appliance from severe vibration and breakage, remove transit bolts and retainers.

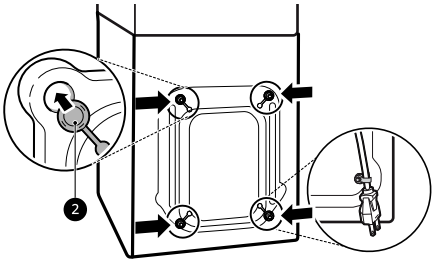
1 Starting with the bottom two transit bolts ❶, use the spanner (included) to fully loosen all transit bolts by turning them counterclockwise.



2 Remove the bolt assemblies by wiggling them slightly while pulling them out.

3 Install the hole caps.

- Locate the hole caps ❷ included in the accessory pack or attached on the back.



NOTE

- Save the transit bolts and retainers for future use.
- To prevent damage to the appliance during transport:
  - Reinstall the transit bolts.

NOTE

- Secure the power cord to the back of the appliance.

Connecting Electric Dryer

⚠ 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.

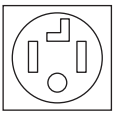
Electrical Requirements for Electric Models Only

⚠ 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 dryer.
- This dryer 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 dryer.
- The dryer has its own terminal block that must be connected to a separate 240 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 DRYER SHOULD BE OF THE MAXIMUM RATE VOLTAGE LISTED ON THE NAMEPLATE. DO NOT CONNECT THE DRYER TO 110-, 115-, OR 120-VOLT CIRCUIT.
- If the branch circuit to dryer is 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 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 dryer can be moved from its normal location when necessary.
- The power cord (pigtail) connection between the wall receptacle and the dryer terminal block IS NOT supplied with the dryer. 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 dryer.
- The dryer 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 the 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 dryer 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.

Four-Wire Power Cord

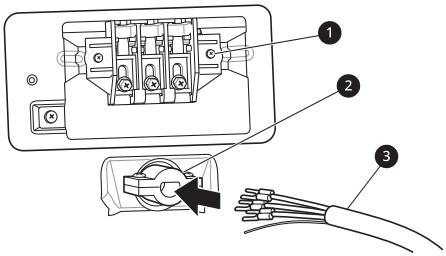
- A UL-listed strain relief is required.



- Use a 30-amp, 240-volt, 4-wire, UL-listed power cord with #10 AWG-minimum copper conductor and closed loop or forked terminals with upturned ends.

1. Remove the terminal block access cover on the upper back of the appliance.
2. Install UL-listed strain relief into the power cord through-hole.

3 Thread a 30-amp, 240-volt, 4-wire, UL-listed power cord with #10 AWG-minimum copper conductor through the strain relief.



❶ Terminal Block

❷ UL-Listed Strain Relief

❸ UL-Listed 4-Wire Power Cord

4 Transfer the appliance's ground wire from behind the green ground screw to the center screw of the terminal block.

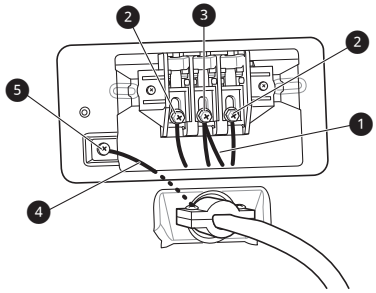
5 Attach the two hot leads (black and red) of the power cord to the outer terminal block screws.

6 Attach the neutral (white) wire to the center screw of the terminal block

7 Attach the power cord ground wire to the green ground screw.

8 Tighten all screws securely.

9 Reinstall the terminal block access cover.



❶ White Wire moved from Ground Screw

❷ Hot Leads of Power Cord (Black and Red)

❸ Neutral Wire (White)

❹ Power Cord Ground Wire

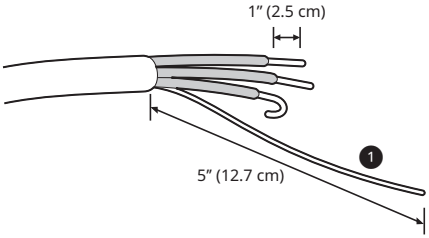
❺ Ground Screw (green)

Four-Wire Direct Wire

- A UL-listed strain relief is required.

- Use UL-listed 4-wire #10 AWG minimum copper conductor cable. Allow at least 1.5 m of wire to allow for removal and reinstallation of the dryer.

1 Remove 12.7 cm of the outer covering from the wire and remove 12.7 cm of insulation from the ground wire. Cut off approximately 3.8 cm from the other three wires and strip 2.5 cm insulation from each wire. Bend the ends of the three shorter wires into a hook shape.

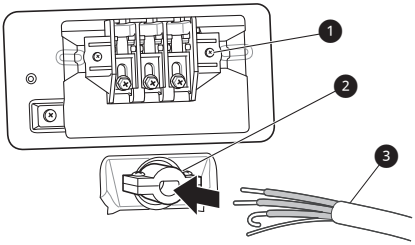


❶ Ground Wire

2 Remove the terminal block access cover on the upper back of the appliance.

3 Install UL-listed strain relief into the power cord through-hole.

4 Thread the 4-wire #10 AWG minimum copper power cable prepared in step 1 through the strain relief.



❶ Terminal Block

❷ UL-Listed Strain Relief

❸ UL-Listed 4-Wire Power Cord

5 Transfer the appliance's ground wire from behind the green ground screw to the center of the terminal block.

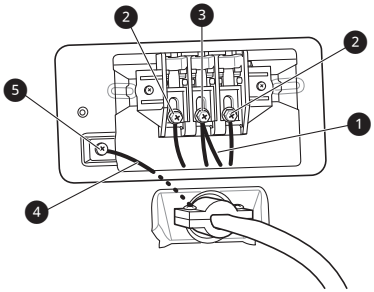
6 Attach the two hot leads (black and red) of the power cord to the outer terminal block screws.

7 Attach the neutral (white) wire to the center screw of the terminal block.

8 Attach the power cord ground wire to the green ground screw.

9 Tighten all screws securely.

10 Reinstall the terminal block access cover.



❶ White Wire moved from Ground Screw

❷ Hot Leads of Power Cord (Black and Red)

❸ Neutral Wire (White)

❹ Power Cord Ground Wire

❺ Ground Screw (green)

Three-Wire Power Cord

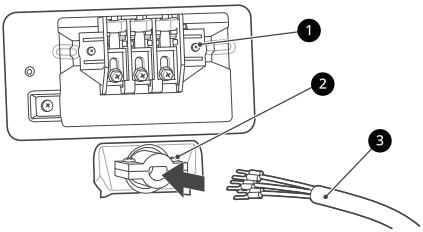
- A 3-wire connection is NOT permitted on new construction after January 1, 1996.

- A UL-listed strain relief is required.
- Use a 30-amp, 240-volt, 3-wire, UL-listed power cord with #10 AWG-minimum copper conductor and closed loop or forked terminals with upturned ends.

1 Remove the terminal block access cover on the upper back of the appliance.

2 Install the UL-listed strain relief into the power cord through-hole.

3 Thread a 30-amp, 240 volt, 3-wire, UL-listed power cord with #10 AWG-minimum copper conductor through the strain relief.



❶ Terminal Block

❷ UL-Listed Strain Relief

❸ UL-Listed 3-Wire Power Cord

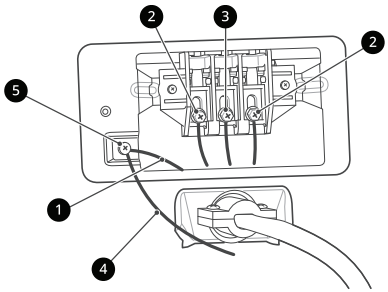
4 Attach the two hot leads (black and red) of the power cord to the outer terminal block screws.

5 Attach the neutral (white) wire to the center terminal block screw.

6 Connect the external ground (if required by local codes) to the green ground screw.

7 Tighten all screws securely.

8 Reinstall the terminal block access cover.



❶ White Wire from Dryer harness

❷ Hot Leads of Power Cord (Black and Red)

❸ Neutral Wire (White)

❹ External Ground Wire (If required by local codes)

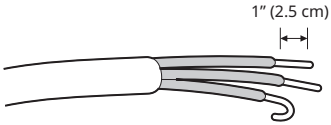
❺ Ground Screw (green)

Three-Wire Direct Wire

- A 3-wire connection is NOT permitted on new construction after January 1, 1996.

- A UL-listed strain relief is required.
- Use UL-listed 3-wire, #10 AWG minimum copper conductor cable. Allow at least 1.5 m length to allow for removal and installation of dryer.

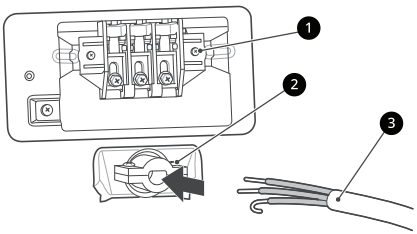
1 Remove 8.9 cm of the outer covering from the wire. Strip 2.5 cm insulation from each wire. Bend the ends of the three wires into a hook shape.



2 Remove the terminal block access cover on the upper back of the appliance.

3 Install UL-listed strain relief into the power cord through-hole.

4 Thread the 3-wire, #10 AWG minimum copper conductor power cable prepared in step 1 through the strain relief.



❶ Terminal block

❷ UL-listed strain relief

❸ UL-listed 3-wire power cord

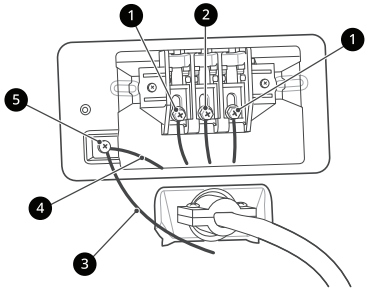
5 Attach the two hot leads (black and red) of the power cord to the outer terminal block screws.

6 Attach the neutral (white) wire to the center terminal block screw.

7 Connect the external ground (if required by local codes) to the green ground screw.

8 Tighten all screws securely.

9 Reinstall the terminal block access cover.



❶ Hot lead (black and red)

❷ Neutral wire (white)

❸ External ground wire (if required by local codes)

❹ Wire from the appliance harness

❺ Ground screw (green)

Installing the Vent Kit of Dryer

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

⚠ WARNING

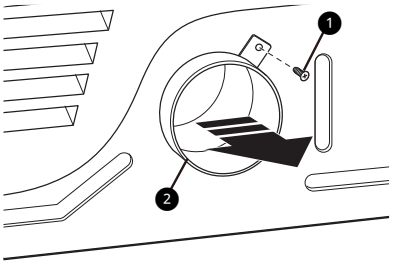
- Use long-sleeved gloves and safety glasses.
- Use a heavy metal vent.
- Do not use plastic or thin foil ducts.
- Clean old ducts before installing the appliance.

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.
- Bottom venting is not available on stacked or integrated stacked models.

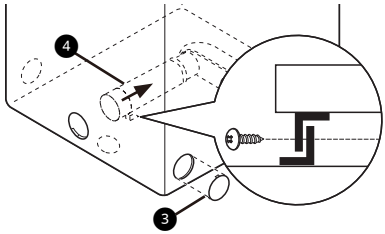
Side Venting

1 Remove the rear exhust duct retaining screw ❶ and pull out the exhaust duct ❷.

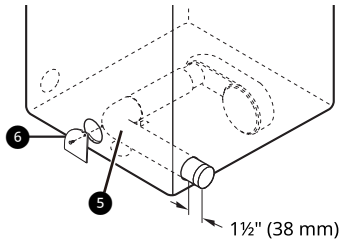


2 Press the tabs on the knockout ❸ and carefully remove the knockout for the desired vent opening. (Right-side venting is not available on gas models.) Press the adapter duct ❹ onto the

blower housing and secure to the base of the dryer as shown.



3 Preassemble a **10 cm** elbow ❺ to the next **10 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 **3.8 cm** to connect the remaining ductwork. Attach the cover plate ❻ to the back of the dryer with the included screw.

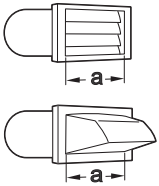
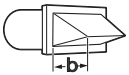


Venting the Dryer

⚠ WARNING

- Gas dryers MUST exhaust to the outdoors.
- 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.
- 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 10 cm rigid, semi-rigid or flexible metal ductwork inside the dryer cabinet and for venting outside.
- The exhaust duct must be 10 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.
- 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 2.4 m.

Ductwork

Wall Cap Type	Number of 90° Elbows	Maximum length of 10 cm diameter rigid metal duct
Recommended  a: 4 ” (10 cm)	0	19.8 m
	1	16.8 m
	2	14.3 m
	3	11.0 m
	4	8.5 m
Use for only short run installations  b: 2 1/2 ” (6.4 cm)	0	16.8 m
	1	14.3 m
	2	12.5 m
	3	9.1 m
	4	6.7 m

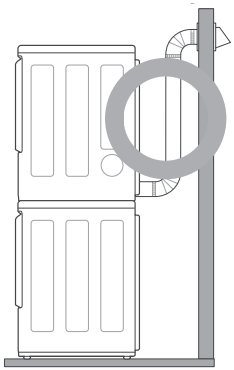
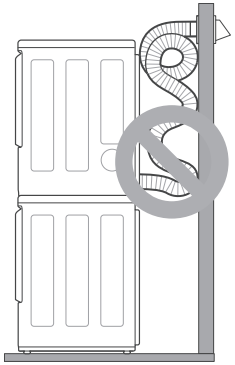
NOTE

- Deduct 1.8 m for each additional elbow. Do not use more than four 90° elbows.

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 10 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 Dryer

⚠ 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 20.4 cm water column for NG, or 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.
- 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 6.1 m. Larger tubing should be used for lengths in excess of 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

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

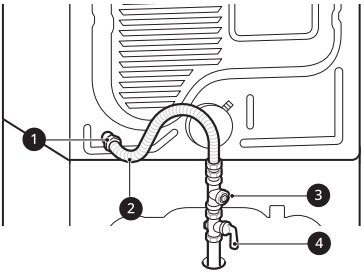
- DO NOT use old connectors.

4 Securely tighten all connections between the dryer and your laundry room's gas supply.

5 Turn on your laundry room's gas supply.

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

NOTE

- 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 1.8 m of the dryer.
- If necessary, the correct nozzle (for the LP nozzle kit, order part number **383EEL3002D**) should be installed by a qualified technician and the change should be noted on the dryer.
- All connections must be in accordance with local codes and regulations. Gas dryers MUST exhaust to the outdoors.

High-Altitude Installations

The BTU rating of this dryer is AGA-certified for elevations below 3048 m.

If your gas dryer is being installed at an elevation above 3048 m, it must be derated by a qualified technician or gas supplier.

Connecting the Water Supply Hose

Note for Connection

- Water pressure must be between **50 kPa** and **800 kPa** (0.5 – 8.0 kgf/cm^2). If the water pressure is more than **800 kPa**, a decompression device should be installed.
- Periodically check the condition of the water supply hose and replace the water supply hose if necessary.

NOTE

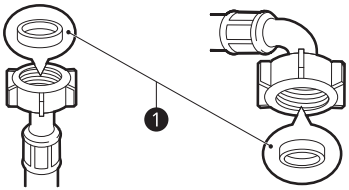
- Do not overtighten the water supply hose or use mechanical devices to tighten onto the inlet valves.

- No further backflow protection required for connection to the water inlet.

Checking the Rubber Seal

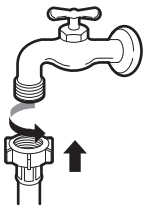
Two rubber seals ❶ are supplied with the water supply hose. They are used for preventing water leaks. Connection to taps is sufficiently tight.

- Do not use mechanical devices such as multi grips to tighten the water supply hose. Ensure that the curved end of the water supply hose is connected to the appliance.



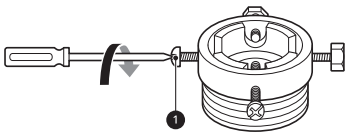
Connecting the Hose to the Water Tap

Connecting Screw-Type Hose to Tap with Thread
Screw the supply hose connector onto the water supply tap.

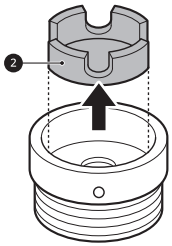


Connecting Screw-Type Hose to Tap Without Thread

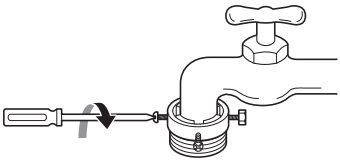
1 Loose the 4 fixing screws ❶.



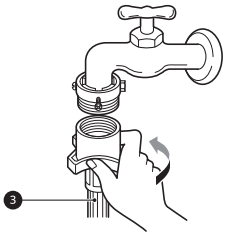
2 Remove the guide plate ❷ if the tap is too large to fit the adapter.



3 Push the adapter onto the end of the tap so that the rubber seal is connected to be watertight. Tighten the 4 fixing screws.

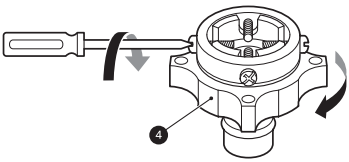


4 Push the inlet hose ❸ vertically upwards so that the rubber seal within the hose can adhere completely to the tap and then tighten the hose by screwing it to the right.

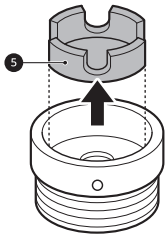


Connecting One Touch Type Hose to Tap Without Thread

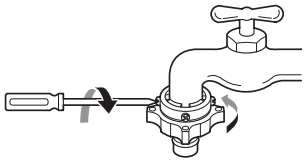
1 Unscrew the adapter ring plate ❹ and loose the 4 fixing screws.



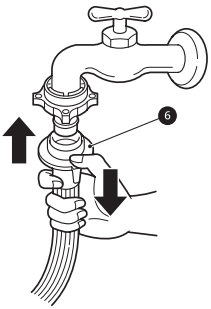
2 Remove the guide plate ❺ if the tap is too large to fit the adapter.



3 Push the adapter onto the end of the tap so that the rubber seal is connected to be watertight. Tighten the 4 fixing screws and the adapter ring plate.



4 Pull the connector latch plate ❻ down, push the inlet hose onto the adapter, and release the connector latch plate. Make sure the adapter locks into place.

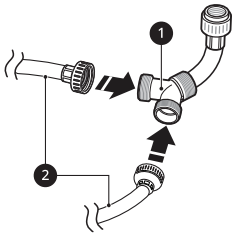


NOTE

- After connecting the water inlet hose to the water tap, turn on the water tap to flush out foreign substances (dirt, sand, sawdust, and etc.) in the water lines. Let the water drain into a bucket, and check the water temperature.

Connecting the Hose to the Appliance

1 Connect the 2 blue hoses ❷ to the Y connector ❶.



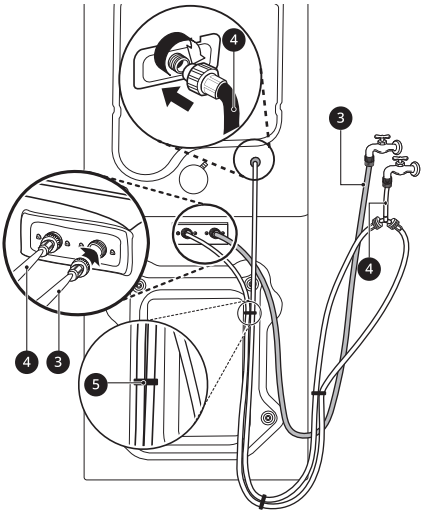
2 Attach the inlet hoses to the back of the appliance and secure the cold water inlet hoses with tie straps ❺.

For the Washer

- Attach the hot water inlet hose ❸ to the hot water inlet on the back of the washer. Attach the cold water inlet hose ❹ to the cold water inlet on the back of the washer.

For the Dryer

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

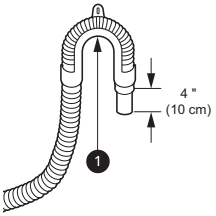


Installing the Drain Hose

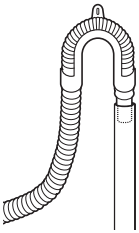
Using a Standpipe to Drain

1 Clip the end of the hose into the elbow bracket.

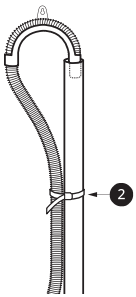
- Connect the elbow bracket ❶ within **10 cm** of the end of the drain hose. If the drain hose is extended more than **10 cm** beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the washer.



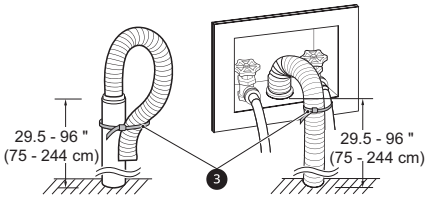
2 Insert the end of the drain hose into the standpipe.



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



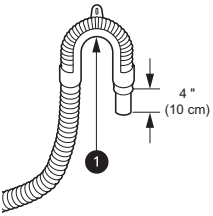
4 If the water valves and drain are built into the wall, fasten the drain hose to one of the water hoses with the provided tie strap ❸ (ribbed side on inside).



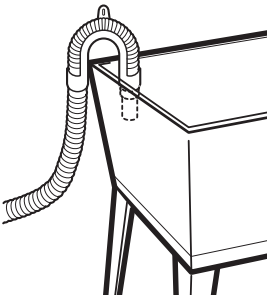
Using the Laundry Tub to Drain

1 Clip the end of the hose into the elbow bracket.

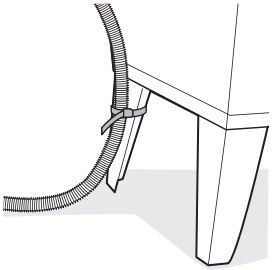
- Connect the elbow bracket ❶ within **10 cm** of the end of the drain hose. If the drain hose is extended more than **10 cm** beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the washer.



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.



Levelling the Appliance

Checking the Level

When pushing down the edges of the top plate diagonally, the appliance should not move up and down at all (check both directions).

- If the appliance rocks when pushing the top plate of the appliance diagonally, adjust the feet again.
- Check whether the appliance is perfectly level after installation.

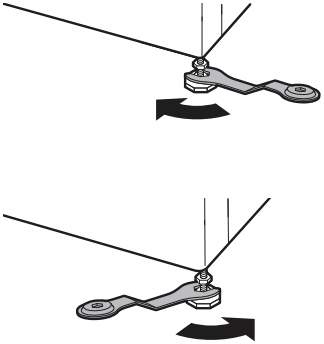
NOTE

- Timber or suspended type flooring may contribute to excessive vibration and unbalance. Reinforcement or bracing of the timber floor may need to be considered to stop or reduce excessive noise and vibration.

Adjusting and Levelling the Feet

When installing the appliance, the appliance should be aligned and perfectly level. If the appliance is not aligned and level properly, the appliance may be damaged or may not operate properly.

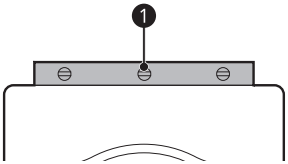
1 Turn the levelling feet as required if the floor is uneven.
   - Do not insert pieces of wood etc. under the feet.
   - Make sure that all four feet are stable and resting on the floor.



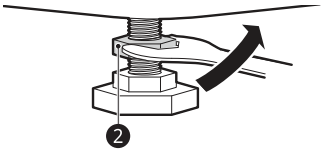
NOTE

- Do not install the washing machine on a plinth, stand or elevated surface unless it is manufactured by LG Electronics for use with this model.

2 Check if the appliance is perfectly level using a spirit level ❶.



3 Secure the levelling feet with the lock nuts ❷ by turning anti-clockwise against the bottom of the appliance.



4 Check if all lock nuts at the bottom of the appliance are secured properly.

NOTE

- Proper placement and levelling of the appliance will ensure long, regular, and reliable operation.
- The appliance must be 100% horizontal and stand firmly in position on a hard flat floor.
- It must not 'Seesaw' across corners under the load.
- Do not let the feet of the appliance get wet. Failure to do so may cause vibration or noise.

Using Anti-Slip Sheets

This feature may vary depending on the model purchased.

If you install the appliance on a slippery surface, it may move because of excessive vibration. Incorrect levelling may cause malfunction through noise and vibration. If this occurs, install the anti-slip sheets under the levelling feet and adjust the level.

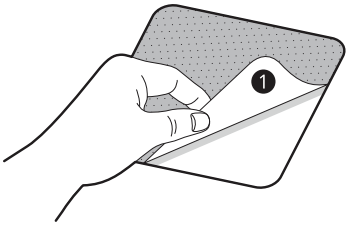
1 Clean the floor to attach the anti-slip sheets.

- Use a dry rag to remove and clean foreign objects and moisture. If moisture remains, the anti-slip sheets may slip.

2 Adjust the level after placing the appliance in the installation area.

3 Place the adhesive side ❶ of the anti-slip sheets on the floor.

- The most effective way is to install the anti-slip sheets under the front feet. If it is difficult to place the sheets under the front feet of the appliance, attach them under the rear feet.



4 Put the appliance on the anti-slip sheets.

- Do not attach the adhesive side ❶ of anti-slip sheets to the feet of the appliance.

NOTE

- Additional anti-slip sheets are available at LG Electronics service centre.

Disassembly

Disassembling the Washer and Dryer

The washer and dryer cannot be disassembled and installed for use side by side. If it is necessary to disassemble the appliance in order to move or reinstall it, follow these instructions.

⚠ WARNING

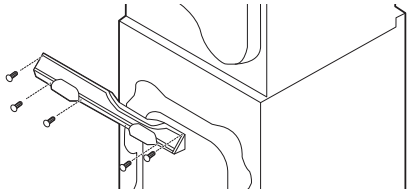
- Protect your hands and arms from sharp edges. To reduce the risk of injury to persons, adhere to all industry recommended safety procedures including the use of long-sleeved gloves and safety glasses.

NOTE

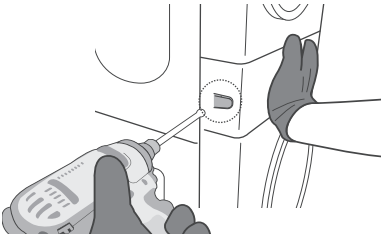
- Any damage resulting from improper disassembly/assembly or installation of the product is not covered by the product warranty.

1 Be sure to unplug the appliance.

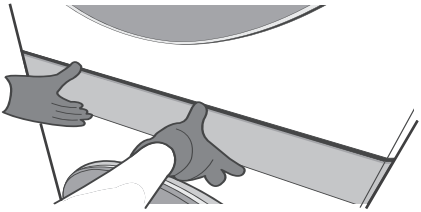
2 Loosen screws assembled on the stack bracket on the back of the appliance.



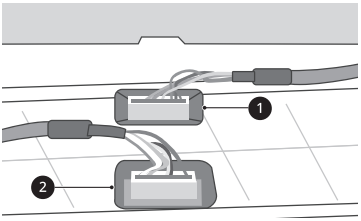
3 Push open the caps at the left and right sides of the control panel on the front of the appliance. Loosen the screws under the caps.



4 Pull the control panel forward to remove it.



5 Disconnect the wire harnesses from the washer ❶ and dryer ❷ to the control panel.



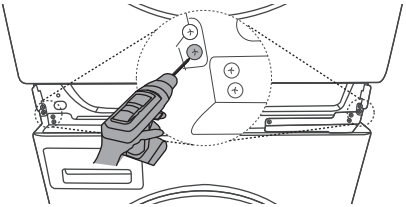
⚠ CAUTION

- Always ground yourself before touching the PCB or wiring. Discharge of static electricity may cause product malfunction.

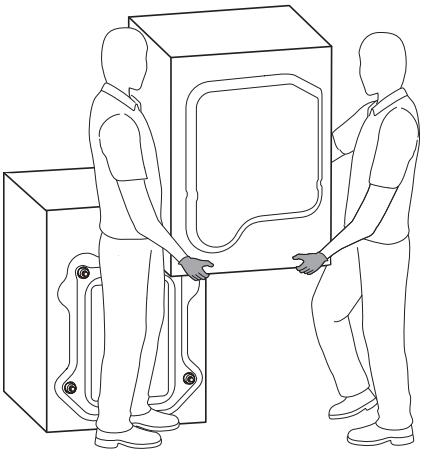
NOTE

- Tuck the wire harnesses to the side to avoid pinching them.

6 Unscrew the second screw from the top of the four screws on the left and right.



7 Lift the dryer and separate it from the washer.



⚠ WARNING

- Protect your hands and arms from sharp edges of the panel frame exposed on the top of the washer.
- To avoid strain injuries, use 2 or more people to lift the dryer.

NOTE

- When assembling the appliance, proceed in reverse order.

OPERATION-WASHER

Operation Overview

Using the Washer

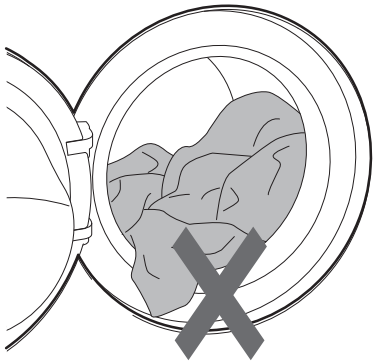
Before the first wash, select the **Cotton** wash programme and add a half amount of the detergent. Start the appliance without clothes. This will remove possible residues and water from the drum that may have been left during manufacturing.

1 Sort clothes by fabric type, soil level, colour and load size as needed.

2 Open the door and load items into the appliance.

⚠ CAUTION

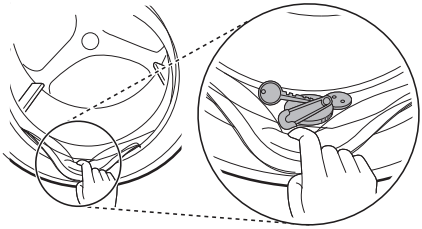
- Before closing the door, ensure that all clothes and items are inside the tub and not overhanging on the rubber door seal where they will become caught when the door is closed. Failing to do so will cause damage to the door seal and the clothes.



3 Close the door.

⚠ CAUTION

- Remove items from the flexible door seal gasket to prevent clothing and door seal damage.



4 Add cleaning products or detergent and softener.
   - Add the proper amount of detergent to the detergent dispenser. If desired, add bleach or fabric softener to the appropriate areas of the dispenser.

5 Press the **Power** button to turn on the appliance.

6 Choose the desired cycle.
   - Press the cycle button repeatedly until the desired cycle is selected.
   - Now select a wash temperature and spin speed. Pay attention to the fabric care label of your clothes.

7 Begin cycle.
   - Press the **Start/Pause** button to begin the cycle. The appliance will agitate briefly without water to measure the weight of the load. If the **Start/Pause** button is not pressed within a certain time, the appliance will shut off and all settings will be lost.

8 End of cycle.

- When the cycle is finished, a melody will sound. Immediately remove your clothing from the appliance to reduce wrinkling.

Preparing the Wash Load

Sorting the Clothes

- For best washing results, sort your clothes according to the care label stating fabric type and washing temperature. Adjust the spin speed or spin intensity in accordance to the fabric type.
- Soil level (Heavy, Normal, Light): Separate clothes according to soil level. If possible, do not wash heavily soiled items with lightly soiled ones.
- Colour (White, Lights, Darks): Wash dark or dyed clothes separately from whites or light colours. Mixing dyed clothes with light clothes can result in dye transfer or discolouration of lighter clothes.
- Lint (Lint producers, Collectors): Wash separately lint producing fabrics from lint collecting fabrics. Lint producers can result in pilling and linting on the lint collectors.

Checking the Clothes Care Label

The symbols tell you about the fabric content of your garment and how it should be washed.

Symbols on the Care Labels

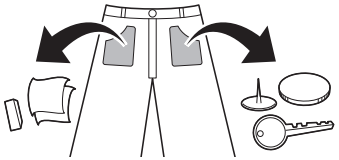
Symbol	Wash / Fabric type
	• Normal Wash • Cotton, Mixed Fabrics
	• Easy Care • Synthetic, Mixed Fabrics
	• Special Delicate Wash • Delicates
	• Hand Wash Only • Wool, Silk
	• Do not wash

NOTE

- The dashes under the symbol give you information about the type of fabric and the maximum allowance of mechanical stress.

Checking the Clothes before Loading

- Combine large and small items in a load. Load large items first.
- Large items should not be more than half of the total wash load. Do not wash single items. This may cause an unbalanced load. Add one or two similar items.
- Check all pockets to make sure that they are empty. Items such as nails, hair clips, matches, pens, coins and keys can damage both your appliance and clothes.



- Wash delicates (stockings, underwired bras) in a wash net.
- Close zippers, hooks and strings to make sure that these items do not snag on other clothes.
- Pre-treat dirt and stains by brushing a small amount of detergent dissolved water onto stains to help lift dirt.

Adding Detergents and Softeners

Detergent Dosage

- Detergent should be used according to the instruction of the detergent manufacturer and selected according to type, colour, soiling of the fabric and the washing temperature. Use only detergents that are suitable for Drum (front load) type washers.
- If too many suds occur, reduce the detergent amount.
- If too much detergent is used, too many suds can occur and this will result in poor washing results or cause heavy load to the motor.
- If you wish to use liquid detergent, follow the guidelines provided by the detergent manufacturer.
- You can pour liquid detergent directly into the main detergent drawer if you are starting the wash cycle immediately.
- Do not use liquid detergent if you have selected **Pre Wash** option, as the liquid will dispense immediately and may harden in the drawer or the tub.
- Detergent usage may need to be adjusted for water temperature, water hardness, size and soil level of the load. For best results, avoid overdosing the detergent. Failing to do so will cause oversudsing.
- Refer to the label of the clothes, before adding the detergent and choosing the water temperature.
- Use only suitable detergents for the respective type of clothing:
  - Liquid detergent is often designed for special applications, e.g. for coloured fabric, wool, delicate or dark clothes.
  - Powdered detergent is suitable for all types of fabric.
  - For better washing results of white and pale garments, use powdered detergent with bleach.
  - Detergent is flushed from the dispenser at the beginning of the wash cycle.

NOTE

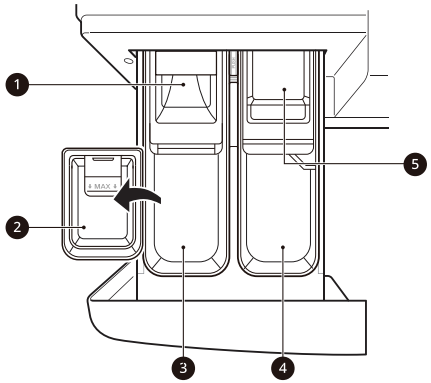
- Do not let the detergent harden. Doing so may lead to blockages, poor rinse performance or odour.
- Full load: According to manufacturer's recommendation.
- Part load: 1/2 of the normal amount.
- Minimum load: 1/3 of full load.

Using the Dispenser

To add detergent dosage to the dispenser:

1 Open the dispenser drawer.

2 Add the detergent and softener into the appropriate compartments.



❶ Pre-wash detergent compartment

❷ Liquid detergent cup

❸ Main wash detergent compartment

❹ Liquid fabric softener compartment

❺ Liquid bleach compartment

3 Gently close the detergent dispenser drawer before starting the cycle.

- Slamming the drawer closed may result in the detergent overflowing into another

compartment or dispensing into the drum earlier than programmed.

- Be careful not to get a hand caught in the drawer while closing.
- It is normal for a small amount of water to remain in the dispenser compartments at the end of the cycle.

Pre-wash Detergent Compartment

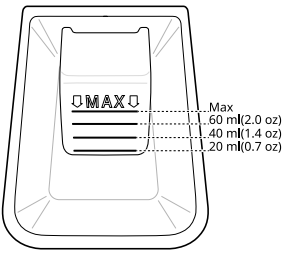
Add liquid or powdered detergent to this compartment when using the pre-wash option.

- When using the pre-wash option, liquid detergent for the main wash needs to be loaded in the liquid detergent cup accessory in the main wash dispenser (where applicable), to prevent it from being dispensed with the pre-wash detergent.
- The amount of detergent added for the pre-wash option is 1/2 the amount recommended for the main wash cycle. For example, if the main wash cycle requires one measure of detergent, add 1/2 measure for the pre-wash option.

Main Wash Detergent Compartment

This compartment holds clothes detergent for the main wash cycle. Either powdered or liquid detergent may be used in this compartment.

- Make sure a liquid detergent cup is in place when using liquid detergent.
- Make sure to remove a liquid detergent cup when using powdered detergent. Powdered detergent will not dispense with the liquid detergent cup and insert in place.
- Guidelines on the dispenser indicate the amount of detergent added.



NOTE

- The detergent is added to the load at the beginning of the cycle.
- Liquid or powdered colour-safe bleach may be added to the main wash compartment with detergent of the same type. Do not mix liquids and powders.
- If you use a detergent that does not dissolve easily or a detergent with high viscosity, it will leave a residue and clog the dispenser.

Fabric Softener Compartment

This compartment holds liquid fabric softener, which is automatically dispensed during the final rinse cycle. Either powdered or liquid fabric softener may be used.

- Pour fabric softer to the maximum fill line. Pouring excessive fabric softener over the maximum fill line can cause it to dispense too early, which may stain the clothes.

NOTE

- Do not pour fabric softener directly onto the clothes in the wash drum, doing so will cause dark staining on the clothes that will be difficult to remove.
- Do not leave the fabric softener in the detergent drawer for more than 1 day. Fabric softener may harden. Softener may remain in the dispenser if it is too thick. The softener should be diluted if the consistency is too thick so that it can flow easily.
- Do not open the drawer when water is being supplied during the wash.
- Solvents (benzene, etc.) must never be used.

Liquid Bleach Compartment

This compartment holds liquid bleach, which is dispensed automatically at the proper time during the wash cycle. The dispenser is activated twice to ensure complete dispensing of the bleach. Any liquid remaining in the dispenser at the end of the cycle is water, not bleach.

⚠ WARNING

- Do not mix chlorine bleach with ammonia or acids such as vinegar or rust/scale remover. Mixing chemicals like these can produce a lethal gas, resulting in severe injury or death.

NOTE

- Do not add powdered bleach to this compartment. The bleach compartment is designed to dispense liquid chlorine bleach only. Powdered or liquid colour-safe bleach will not dispense properly.
- Follow the manufacturer's recommendations when adding bleach. Never add more than one cup, and do not exceed the maximum fill line or the bleach may be dispensed immediately and damage fabrics. Using too much bleach can also damage fabrics.
- Never pour undiluted liquid chlorine bleach directly onto the load or into the drum. Fabric damage can occur.
- Do not use colour-safe bleach or oxygen bleach in the same cycle with liquid chlorine bleach.

Adding Water Softener

A water softener, such as anti-limescale can be used to cut down on the use of detergent in areas with high water hardness level.

- First add detergent, and then the water softener. Dispense according to the amount specified on the packaging.

Adding Detergent Tablets

Detergent tablets can also be used when washing.

1. Open the door and put detergent tablets into the drum before loading the clothes.

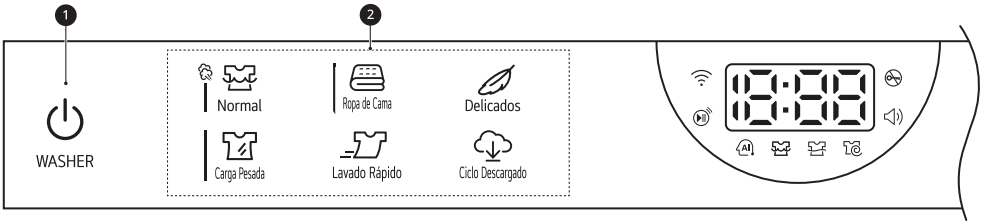
2. Load the clothes into the drum and close the door.

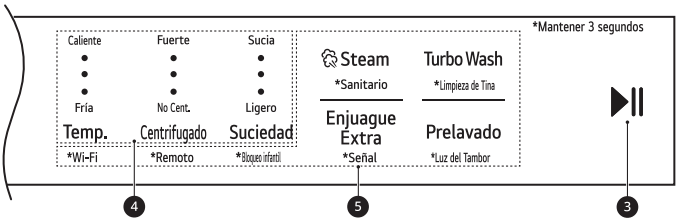
NOTE

- Do not put tablets into the dispenser.

Control Panel and Programme Table

Control Panel Features

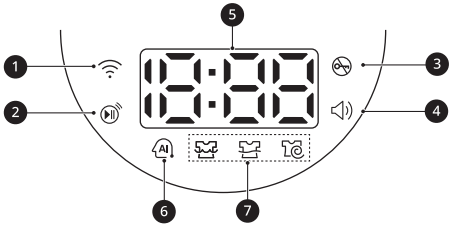




	Description
❶	**Power On/Off Button** • Press this button to turn the washing machine on.
❷	**Programme Buttons** • Programmes are available according to the clothes type. • The lamp will light up to indicate the selected programme.
❸	**Start/Pause Button** • This button is used to start the wash programme or pause the wash programme. • If a temporary stop of the wash programme is needed, press this button.
❹	**Customizing Washing Programme Buttons / Extra Options and Functions** • Use these buttons to select the desired options for the selected programme. Not all options are available in each programme. • To use the extra functions, press and hold the corresponding button for 3 seconds. The corresponding symbol lights up in the display. **Remote Start** With the **LG ThinQ** app, you can use a smartphone to control your appliance remotely. • In order to use this function, refer to **SMART FUNCTIONS**. **Wi-Fi** Press and hold the **Temp.** button for 3 seconds to initiate the connection of the appliance to the **LG ThinQ** application.

	Description
❺	**Time and Status Display** • The display shows the settings, estimated remaining time, options, and status messages. When the appliance is turned on, the default settings in the display will illuminate. • While the load weight is sensed automatically, the display on the control panel blinks.

Time and Status Display



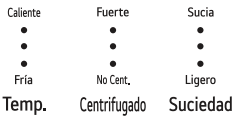
	Description
❶	lights up when the appliance is connected to Wi-Fi network at home.
❷	lights up when the remote control feature is activated.
❸	lights up when the programme starts and the door is locked.
❹	lights up when the beep is on. Beep sound can be turned on or off only through the **LG ThinQ** application.
❺	**Estimated Time Remaining** • When a washing programme is selected, the default time for that programme is displayed. This time will change as options are selected. • If the display shows - - - , then the time will be displayed after the load sensing has detected the load size. This is normal. • The time shown is only an estimate. This time is based on normal operating conditions. Several external factors (load weight, room temperature, incoming water temperature, etc.) can affect the actual time.
❻	**AI DD** • **AI DD** provides the appropriate drum rotation actions after load sensing is completed. • is activated when the **Normal** programmes are selected and operated.
❼	**Programme Status Indicators** • When a washing programme is running, LED for the active stage will blink, and the LEDs for the remaining stages will remain steady. Once a stage is complete, the LED will turn off. If a cycle is paused, the active stage LED will stop blinking.

Washing Programme Guide

Turn the knob or press the button to select the desired cycle. When you select a wash cycle, the light for the corresponding wash cycle will turn on.

NOTE

- Whenever load weights are mentioned, assume **1 lb (0.45 kg)** = 1 thick bath towel (dry).



- **Temperature**: **Cold** > **Cool** > **Warm** > **Very Warm** > **Hot**
- **Spin**: **No Spin** > **Low** > **Medium** > **Medium High** > **High Spin**
- **Soil**: **Light** > **Medium Light** > **Normal** > **Medium Heavy** > **Heavy**

Cycle	Normal	
Description	Use to wash all normal items such as cotton, linen, shirts, jeans or mixed loads, except delicate fabrics such as wool or silk. • Pressing the **Start/Pause** button without selecting a cycle will cause the **Normal** cycle to begin immediately, using the default settings.	
Wash Temp.	Default: **Warm**	Available: All
Spin Speed	Default: **Medium High**	Available: **High Spin**, **Medium High**, **Medium**, **Low**
Soil Level	Default: **Normal**	Available: All

Cycle	Bedding	
Description	Suitable for washing blankets or bulky items which have difficulty absorbing water, such as pillows, blankets, comforters, sheets or pet bedding. • Do not use this cycle to wash a mixed load of bedding and non-bedding items. • Do not mix large/bulky items with smaller articles of clothing. • Do not wash excessively large items. If large/bulky items do not fit easily into the tub, there may not be enough room for them to move during washing.	
Wash Temp.	Default: **Warm**	Available: **Very Warm**, **Warm**, **Cool**, **Cold**
Spin Speed	Default: **Medium**	Available: **Medium**, **Low**, **No Spin**
Soil Level	Default: **Normal**	Available: All

Cycle	Delicates
Description	Suitable for washing dress shirts/blouses, nylons, lingerie, or sheer and lacy clothes which can easily be damaged. **(less than 8 lb (3.63 kg))**

Cycle	Delicates	
Wash Temp.	Default: **Cool**	Available: **Warm**, **Cool**, **Cold**
Spin Speed	Default: **Medium**	Available: **Medium**, **Low**, **No Spin**
Soil Level	Default: **Normal**	Available: All

Cycle	Heavy Duty	
Description	Suitable for washing heavily soiled laundry, such as cotton fabrics, using more powerful wash motions. • When washing large loads, there will be brief periods of **2 minutes** or more without agitation. These soak periods are part of the cycle's design, and are normal.	
Wash Temp.	Default: **Warm**	Available: All
Spin Speed	Default: **High Spin**	Available: **High Spin**, **Medium High**, **Medium**, **Low**
Soil Level	Default: **Heavy**	Available: All

Cycle	Speed Wash	
Description	Quickly washes lightly soiled clothing and small loads. For high wash and rinse efficiency, wash small loads of 2-3 lightly soiled garments. **(less than 3 lb (1.36 kg))** • Use very little detergent in this cycle. To add an extra rinse, use the **Extra Rinse** option.	
Wash Temp.	Default: **Very Warm**	Available: **Very Warm**, **Warm**, **Cool**, **Cold**
Spin Speed	Default: **High Spin**	Available: All
Soil Level	Default: **Light**	Available: All

Cycle	Downloaded (Rinse+Spin)	
Description	Use a smartphone to download a specialized cycle to this cycle position. • The default cycle is **Rinse+Spin**. This cycle is also available for download. • Refer to the **LG ThinQ** application to see the cycles available for download.	
Wash Temp.	Default: **Cool**	Available: **Cool**
Spin Speed	Default: **Medium High**	Available: All
Soil Level	Default: -	Available: -

Selectable Washing Options

*1 This option is automatically included in the cycle and cannot be deselected.

NOTE

- If the **Turbo Wash** option is on, you cannot set the spin level to **No Spin**.

Cycle	Steam	Turbo Wash	Extra Rinse	Pre-wash
Normal	●	●*1	●	●
Bedding	●	●	●	●
Delicates			●	●
Heavy Duty	●	●*1	●	●
Speed Wash		●	●	
Downloaded default: **Rinse+Spin**			●	

Extra Options and Functions

Customizing a Washing Programme

Each programme has default settings that are selected automatically. You may also customize these settings using these buttons.

Temp.
This button selects the wash temperature for the selected programme.

Press the **Temp.** button until the desired setting is lit.

- Select the water temperature suitable for the type of load you are washing. Follow the garment fabric care labels for best results.

Spin
The spin intensity level can be selected by pressing this button repeatedly.

Press the **Spin** button to select spin speed.

Soil
Press the **Soil** button repeatedly until the desired soil level is selected.

- The **Heavy** soil setting may increase cycle times. The **Light** soil setting may decrease cycle times.

Follow the next steps to customize a washing programme:

1 Prepare the clothes and load the drum.

2 Press the **Power** button.

3 Add detergent.

4 Select a washing programme.

5 Customize the washing programme (**Temp.**, **Spin**, and **Soil**) as necessary.

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

Using Special Options

You can customize the programmes by using the following special options:

Steam
Adding this option to a wash cycle helps provide superior cleaning performance. Using steam gives fabrics the cleaning benefits of a very hot wash.

- Steam may not be clearly visible during steam cycles. This is normal. Too much steam could damage clothing.
- Do not use steam with delicate fabrics such as wool and silk, or easily discolored fabrics.

⚠ WARNING

- Do not touch the door during steam cycles. The door surface can become very hot and can cause severe burns. Allow the door lock to release before opening the door.
- Do not attempt to override the door lock mechanism or reach into the washer during a steam cycle. Steam can cause severe burns.

Turbo Wash
Adding this option reduces the programme time but the similar washing results will be provided.

- This option cannot be used with all cycles.
- This option defaults to on for **Normal** and **Heavy Duty** wash cycles.

Follow the next steps to use a special option.

1 Press the **Power** button.

2 Select a washing programme.

3 Change the washing programme (**Temp.**, **Spin** or **Soil**) as necessary.

4 Press the **Steam** or **Turbo Wash** button.

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

Special Cycles

Sanitary
This cycle washes clothes at a high temperature.

Tub Clean
This is a special cycle designed to clean the inside of the washer.

Using Basic Options

You can customize the programmes by using the following basic options:

Extra Rinse
This option adds an extra rinse to the selected cycle. Use this option to help ensure the removal of detergent or bleach residue from fabrics.

- Press the **Extra Rinse** button to add additional rinses to the cycle.

Pre-wash
This option adds a pre-wash (for about **15 - 17 minutes**) for improved cleaning of heavily soiled or stained clothing.

- Press the **Pre-wash** button before you start a washing programme.

NOTE

- If you select **Pre-wash** after putting the detergent directly in the drum, the detergent may be washed away, reducing the washing performance.

Settings

Child Lock
Use this option to disable the controls. This function can prevent children from changing cycles or operating the appliance.

NOTE

- Once this function is set, all buttons are locked except the **Power** button.
- When the controls are locked, CL and the remaining time are alternatively shown on the display during the wash while this function is engaged.
- Turning off the power will not reset this function. You must deactivate this function before you can access any other functions.

Locking the Control Panel

1 Turn on the power.

2 Press and hold the **Soil** button for 3 seconds to activate this function.
- A beeper will sound, and CL will appear on the display.

Unlocking the Control Panel

1 Turn on the power.

2 Press and hold the **Soil** button for 3 seconds to deactivate this function.

Signal
The washer plays a melody when the wash programme is finished. The buttons make a sound each time a button is pressed. Use this button to turn the melody and button tones on or off.

- To turn the function on/off, press and hold the **Extra Rinse** button for 3 seconds.

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

- Press and hold the **Pre-wash** button for 3 seconds during the programme to turn on the drum light.
- The drum light will turn off automatically after 4 minutes.

OPERATION-DRYER

Operation Overview

Using the Dryer

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.

- Load the dryer with the wet laundry from the washer. If the load is extra large, you may need to divide it into smaller loads for proper performance and fabric care.

3 Turn on the Dryer.

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

4 Select a programme.

- Press a programme button to select a programme. The preset temperature, dry level, and option settings for that programme will be shown.

5 Adjust Settings.

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

- Not all modifiers and options are available on all programmes. A different chime will sound and the LED will not come on if the selection is not allowed.

6 Begin programme.

- Press the **Start/Pause** button to begin the programme. The programme can be paused at any time either by opening the door or by pressing the **Start/Pause** button. If the programme is not restarted within a certain time of being paused, the dryer will shut off and the settings will be lost.

7 End of programme

- When the programme 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.

Preparing the Laundry

NOTE

- Do not overload the appliance for the best drying performance and most efficient energy usage.

Checking the clothes before loading

⚠ CAUTION

- Check that the clothes are not stuck between appliance and door, otherwise the clothes may get damaged while drying.

- Observe the maximum load capacity on the programme table for the relevant drying programme to get optimum drying results. Overloading gives a poor drying result and causes unnecessary creasing.
- Do not load soaking wet clothes into the appliance. It will cause an increasing of drying time and energy consumption. Make sure that the clothes are spun thoroughly before loading.
- A mixed fabric load can cause the drying time to be extended and the time remaining in the display to pause during active drying. The

remaining time will then continue when it is the actual time that remains.

- Make sure to empty all pockets. Items such as nails, hair clips, matches, pens, coins and keys can damage both your appliance and clothes.
- Remove loose belts and close zippers, hooks and strings to make sure that these items do not snag other clothes.

Sorting the Clothes

Clothes have their own fabric care labels, so drying according to the fabric care label is recommended.

Sort the clothes into size and type of fabric and then prepare the clothes according to the symbols on the fabric care labels.

Woollens

- Be sure to follow fabric care label symbols first. Wool may not be completely dried from the cycle, so do not repeat drying. Pull woollens to their original shape and dry them flat.

Woven and Loopknit Materials

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

Non-Iron and Synthetics

- Do not overload the appliance. Take out non-Iron items as soon as the appliance stops to reduce creases.

Baby Clothes and Night Gowns

- Always check fabric care labels.

Rubber and Plastics

- Do not dry any items made from or containing rubber or plastics such as:
  - Aprons, Bibs and Chair Covers
  - Curtains and Table Clothes
  - Bathmats

Fiberglass

- Do not dry fiberglass items in the appliance. Glass particles left in the appliance may be subsequently picked up by your clothes in later cycles.

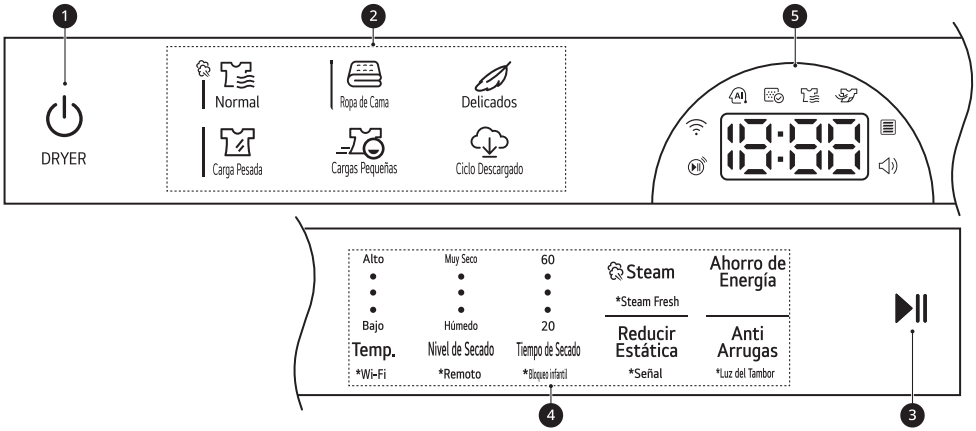
Checking the Fabric Care Label

The symbols on the fabric care label tell you about the fabric content of your clothes and how it should be dried.

Symbol	Description
	Dry
	Tumble Dry
	Permanent Press / Crease Resistant
	Gentle / Delicate
	Do not Tumble Dry
	Do not Dry
	High Heating
	Medium Heating
	Low Heating
	No Heating / Air
	Line Dry / Hang to dry
	Drip Dry
	Dry Flat
	In the Shade

Control Panel and Programme Table

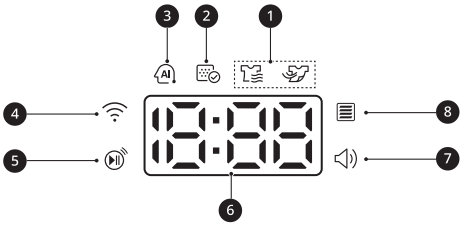
Control Panel Features



	Description
❶	**Power On/Off button** • Press the button to turn the appliance on. Hold again to turn the appliance off. • Pressing the **Power** button during a programme will cancel that programme and any load settings will be lost.
❷	**Programme Buttons** • Programmes are available according to the clothing type. • The lamp will light up to indicate the selected programme.
❸	**Start/Pause Button** • This **Start/Pause** button is used to start or pause a dry programme. • When in pause, the power is turned off automatically after a certain time for safety reasons.
❹	**Extra Options and Functions** • Use these buttons to select the desired options for the selected programme. Not all options are available in each programme. **Remote** • With the **LG ThinQ** app, you can use a smartphone to control your appliance remotely. • In order to use the Remote Start function, refer to **SMART FUNCTIONS**. **Wi-Fi** • Press and hold **Temp.** button for 3 seconds to initiate the connection of the appliance to the **LG ThinQ** application.

	Description
❺	**Time and Status Display** • The display shows the settings, estimated remaining time, options, and status messages. When the appliance is turned on, the default settings in the display will illuminate.

Time and Status Display



	Description
❶	**Programme Status Indicators** • lights up when the appliance is in drying progress. • lights up when the appliance is in cooling progress.
❷	lights up when the lint filter should be cleaned or is inserted. • Cleaning notice: When you press the **Power** button, the icon will become displayed. • Missing notice: When the lint filter is not inserted, the icon will become displayed and the appliance will not operate.
❸	**AI Sensor Dry Indicator** This feature optimizes drying times and temperatures by detecting the laundry's characteristics. lights up when the **Normal** programme is selected with the Normal dry level, except when the **Energy Saver** option is turned on.
❹	lights up when the appliance is connected to Wi-Fi network at home.
❺	lights up when the remote control feature is activated.
❻	**Time Remaining Display** • When a drying programme is selected, drying time for the selected programme is displayed. This time will change when you set the extra options for the programme. • Error messages will appear when the appliance diagnose problems.
❼	lights up when the beep is on. This function can be turned on or off only through the **LG ThinQ** application.

	Description
❽	▤ lights up while 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.

Drying Programme Guide

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

- **Temperature**: **Low** > **Medium Low** > **Medium** > **Medium High** > **High**
- **Dry Level**: **Damp** > **Less** > **Normal** > **More** > **Very**

programme	[Normal]	
Description	Use this programme for drying all normal items such as cotton, linen, shirts, jeans or mixed loads, except delicate fabrics such as wool or silk.	
Temp.	Default: **Medium High**	Available: **Medium High**
Dry level	Default: **Normal**	Available: **All**

programme	[Bedding]	
Description	Use this programme for drying blankets or bulky items such as pillows, blankets, comforters, sheets or pet bedding.	
Temp.	Default: **Medium**	Available: **Medium**
Dry level	Default: **Normal**	Available: **Very**, **More**, **Normal**

programme	[Delicates]	
Description	Use this programme for drying dress shirts/blouses, nylons, lingerie, or sheer and lacy clothes which can easily be damaged.	
Temp.	Default: **Medium Low**	Available: **Medium Low**
Dry level	Default: **Normal**	Available: **All**

programme	[Heavy Duty]
Description	Use this programme for drying heavy-duty clothes like jeans or garments that need extra drying.

programme	[Heavy Duty]	
Temp.	Default: **High**	Available: **High**
Dry level	Default: **Normal**	Available: **All**

programme	[Small Load]	
Description	Use this programme for drying light or small items. (up to 3 items)	
Temp.	Default: **High**	Available: **High**
Dry level	Default: **Normal**	Available: **Very**, **More**, **Normal**

programme	[Downloaded] ([Perm. Press])	
Description	Use a smartphone to download a specialized programme to this programme position. • The default programme is **[Perm. Press]**. This programme is also available for download. • Refer to the **LG ThinQ** application to see the programmes available for download.	
Temp.	Default: **Medium**	Available: **Medium**
Dry level	Default: **Normal**	Available: **All**

Selectable Drying Options

*1 This option is automatically included in the programme and can be deselected.

NOTE

- The **Energy Saver** option is set to on by default. If you turn on the dryer and set the **Energy Saver** option to off, the **Energy Saver** option is turned off when you turn on the dryer.

programme	Steam	Wrinkle Care	Reduce Static	Energy Saver
[Normal]		●	●	●*1
[Bedding]	●		●	
[Delicates]		●	●	
[Heavy Duty]	●	●	●	
[Small Load]		●		
[Downloaded] default: **[Perm. Press]**	●	●	●	

Extra Options and Functions

Customizing a Drying Programme

Each programme has default settings that are selected automatically. Customize these settings using the programme modifier buttons. Press the button for the desired modifier to open the modifier's screen.

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 programme. Press the **Dry Level** button repeatedly to scroll through available settings.

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

Time Dry
Use this button to manually select the drying time, from 20 to 60 minutes, in 10-minute increments.

- Use this for small loads or to remove wrinkles.

Follow the next steps to customize a drying programme:

1 Prepare the clothes and load the drum.

2 Press the **Power** button.

3 Select a drying programme.

4 Customize the drying programme (**Temp.**, **Dry Level**, and **Time Dry**) as necessary.

5 Hold the **Start/Pause** button.

Using Special Options

You can customize the programmes by using the following special options:

Steam
Adding the option to a dry programme helps reduce wrinkles and odour in fabrics.

- Press the **Steam** button before you start a drying programme.

⚠ WARNING

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

NOTE

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

Steam Fresh
This option uses the power of steam to quickly reduce wrinkles and odours in fabrics. It brings new life to wrinkled clothes that have been stored for an extended time and makes heavily wrinkled clothes easier to iron. It can also be used to help reduce odours in fabrics.

- Press and hold the **Steam** button for 3 seconds before you start a drying programme.

NOTE

- Steam may not be clearly visible during the steam programmes. This is normal.
- Do not use **Steam Fresh** with items such as wool, wool blankets, leather jackets, silk, wet clothes, lingerie, foam products, or electric blankets.

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

- Press the **Energy Saver** button before you start a drying programme.

Reduce Static
This option injects steam late in the drying programme to reduce the static electricity caused by dry fabrics rubbing together.

- Press the **Reduce Static** button before you start a drying programme.

Wrinkle Care
Selecting this option will tumble the load periodically for up to 3 hours after the selected programme, 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 drying programme.

NOTE

- When the option is set, a rectangle with a dashed line and End appears on the display until the feature is off.
- When the option is set, only the **Power** button works after the drying programme ends.
- When a drying programme is running, pause the programme first to set the option.
- Always turn off the appliance before unloading the clothes.

Follow the next steps to use a special option.

1. Press the **Power** button.
2. Select a drying programme.
3. Select the **Steam**, **Steam Fresh**, **Energy Saver**, **Reduce Static**, or **Wrinkle Care** option.
4. Hold the **Start/Pause** button.

Settings

Child Lock
Use this option to disable the controls. This function can prevent children from changing programmes or operating the appliance.

NOTE

- Once this function is set, all buttons are locked except the **Power** button.
- When the controls are locked, CL and the remaining time are alternatively shown on the display during the wash while this function is engaged.
- Turning off the power will not reset this function. You must deactivate this function before you can access any other functions.

Locking the Control Panel

1. Turn on the power.
2. Press and hold the **Time Dry** button for 3 seconds to activate this function.
   - A beeper will sound, and CL will appear on the display.

Unlocking the Control Panel

1 Turn on the power.

2 Press and hold the **Time Dry** button for 3 seconds to deactivate this function.

Signal
The dryer plays a melody when the dry programme is finished. The buttons make a sound each time a button is pressed. Use this button to turn the melody and button tones on or off.

- To turn the function on/off, press and hold the **Reduce Static** button for 3 seconds.

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 programme starts.

- Press and hold the **Wrinkle Care** button for 3 seconds during the programme to turn on the drum light.
- The drum light will turn off automatically after 4 minutes.

SMART FUNCTIONS

Using LG ThinQ Application

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

LG ThinQ Application Features

- **Remote Start**
  - Control the appliance remotely from the **LG ThinQ** application.
- **Download Cycle**
  - Download new and specialized cycles that are not included in the standard cycles on the appliance. Once cycle download is completed in the appliance, the product keeps the downloaded cycle until a new cycle is downloaded.
- **Cloud Cycle**
  - The Cloud cycles include many cycles which are started from the Cloud and offer various options. However, the downloaded cycle is deleted from the appliance when the power is turned off.
- **Tub Clean Coach (Washer)**
  - Find out how many cycles remain before it is time to run the **Tub Clean** cycle.
- **Venting Tips (Dryer)**
  - Access tips for optimizing dryer ventilation.
- **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.

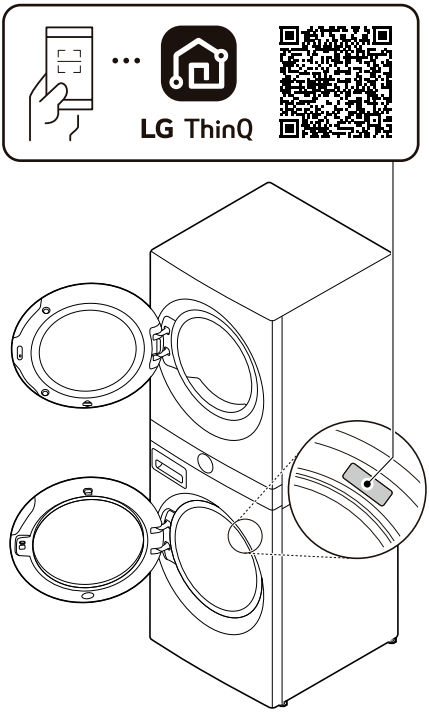
NOTE

- 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 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.

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

Using this function

1 Put the clothes into the drum.

2 Press the **Power** button.

3 Press and hold **Remote** button for 3 seconds to enable the remote control function.

4 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 this function is disabled.
- If the door has been opened, you can not start a cycle remotely.

Disable this function manually
When this function is activated, press and hold the **Remote** button for 3 seconds.

Delay End
Setting this function allows the appliance to start automatically and finish after a specified time.

Using this function

1 Put the clothes into the drum.

2 Press the **Power** button.

3 Run **LG ThinQ** application and select the product.
- For washing, select the washer.
- For drying, select the dryer.

4 Select a washing or drying programme.

5 Touch the **Delay End** and set the delay time.

6 Start a cycle from the **LG ThinQ** application on your smartphone.

NOTE

- The delay time is the time to the end of the programme, not the start. The actual running time may vary due to water temperature, clothes and other factors.
- Avoid using liquid detergent for this function.

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.

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

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.
   - Do not press any other buttons.

2 Hold the mouthpiece of your phone in front of the appliance.
   - Washer: Hold the phone to the right of the **Start/Pause** button.
   - Dryer: Hold the phone to the left of the **Power** button.

3 Press and hold the **Steam** + **Extra Rinse** (Washer) / **Steam** + **Reduce Static** (Dryer) buttons for **3 seconds** or until the audible tones start. Hold the smartphone mouthpiece to the appliance until the data transfer is complete.
   - Keep the smartphone in place until the data transfer has finished. Time remaining for data transfer is displayed.

4 After the data transfer is complete, the diagnosis will be displayed in the application.

NOTE

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

MAINTENANCE

⚠ WARNING

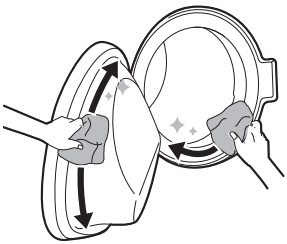
- Unplug the appliance before cleaning to avoid the risk of electric shock. Failure to follow this warning may result in serious injury, fire, electric shock, or death.
- Never use harsh chemicals, abrasive cleaners, or solvents to clean the appliance. They may damage the finish.

Washer

What to Clean

Always remove items from the washing machine as soon as the cycle is complete. Leaving damp items in the washing machine can cause wrinkling, colour transfer, and odour.

- After the wash cycle is finished, wipe the door and door seal to remove any moisture.
- Leave the door slightly open to dry the drum.
- Wipe the appliance with a dry cloth to remove any moisture.



⚠ WARNING

- Leave the door open to dry inside of the appliance only if the children are supervised at home.

Cleaning the Exterior

Proper care of your appliance can extend the service life.

Exterior

- Immediately wipe off any spills.
- Wipe with a damp cloth and then again with a dry cloth ensuring there is no moisture in cabinet joints or crevices.
- Do not press on the surface or the display with sharp objects.

Door

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

⚠ WARNING

- Do not attempt to separate any panels or disassemble the appliance. Do not apply any sharp objects to the control panel in order to operate the appliance.

Tub Clean

This is a special function to help clean the inside of the appliance by soaking, washing, rinsing and spinning.

Run this function **once a month** (or more often if needed) to reduce build-up of detergent and softener and other residue.

- If there is a bad smell or mildew inside the appliance, run this function **once a week for 3**

weeks in addition to the regularly prompted intervals.

NOTE

- The tcL message will be displayed to alert to the recommendation of operating this function.

1 Remove any clothing or items from the appliance and close the door.

2 Open the dispenser drawer and add anti limescale powder to the main wash compartment.
   - Tablets can be placed directly into the drum as an alternative to powder.

3 Close the dispenser drawer slowly.

4 Turn on the power, and then press and hold the **Turbo Wash** button.

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

6 Leave the door open to dry the inside of the appliance completely.
   - When the inside of the appliance is not dried completely, it may cause a bad smell or mildew.

⚠ WARNING

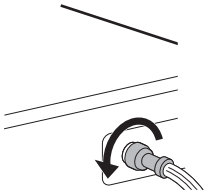
- Leave the door open to dry inside of the appliance only if the children are supervised at home.

Cleaning the Water Inlet Filter

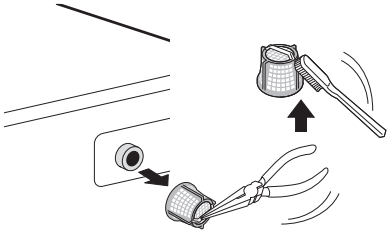
The water inlet filter collects lime or any sediment that may be in water that is supplied to the appliance. Clean the inlet filter every six months or so, or more often if the water is very hard or contains traces of limescale.

- Turn off the water supply taps to the appliance if the appliance is to be left for a certain period of time (e.g. holiday), especially if there is no floor drain (gully) in the immediate vicinity.
- IE error message will be displayed on the control panel when the water is not entering the detergent drawer.

1 Turn off the power and the water tap and then unscrew the water inlet hose.



2 Remove the water inlet filter with small pliers and then clean the filter using a medium bristle tooth brush.



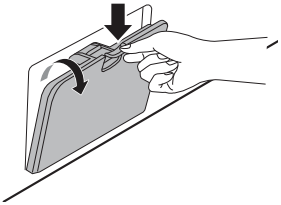
Cleaning the Drain Pump Filter and Performing an Emergency Water Evacuation

The drain filter collects threads and small objects that may have been accidentally left in the clothes. Make sure that the filter is clean every six months to ensure smooth running of your appliance.

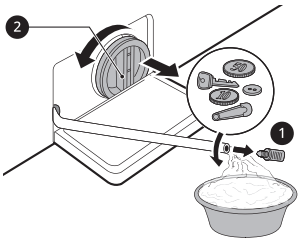
Allow the water to cool before cleaning the drain pump filter. Open the door in an emergency or perform an emergency water evacuation.

1 Unplug the appliance.

2 Open the cover cap and pull out the drain tube.



3 Remove the drain plug from the drain tube first ❶, and then drain the water. Then slowly unscrew the drain pump filter ❷ to drain the remaining water and then proceed to remove any debris or objects from the filter.



4 After cleaning the drain pump filter, carefully reinsert the filter and screw the drain cap back in clockwise carefully to avoid cross threading and leakage. Reinsert the plug back into the drain tube and place the tube into its holder.

5 Close the cover cap.

⚠ CAUTION

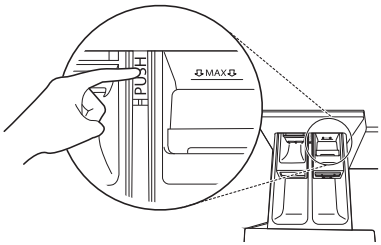
- Be careful when draining, as the water may be hot.
- Run the drum cleaning programme once a month (or more often, as needed) to remove excess detergent and other debris.

Cleaning the Dispenser Drawer

Detergent and fabric softener can build up in the dispenser drawer. Liquid detergents can remain under the dispenser drawer and not dispense completely. Remove the drawer and inserts and check for build-up of cleaning products **once or twice a month**.

1 Remove the detergent dispenser drawer by pulling the drawer straight out until the drawer stops.

- Then gently pull the drawer outward while pressing hard the disengage button.



2 Remove the build-up of detergent and softener.

- Rinse the drawer and the components of the drawer with warm water to remove the build-up from detergent and softener. Use only water to clean the dispenser drawer. Dry the drawer and the components of the drawer with a soft cloth or towel.

3 To clean the drawer opening, use a cloth or small, non-metal brush to clean the recess.

- Remove all residue from the upper and lower parts of the recess.

4 Wipe any moisture off the recess with a soft cloth or towel.

5 Reassemble the components of the drawer to the proper compartments and insert the drawer.

Dryer

⚠ WARNING

- Remove the power plug when you clean the appliance. Not removing the plug may result in electric shock.

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

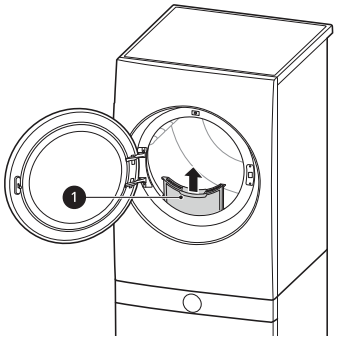
Vacuum lint and dust from around the dryer and underneath it regularly.

Maintaining Ductwork

Vent ductwork should be checked for lint build up 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

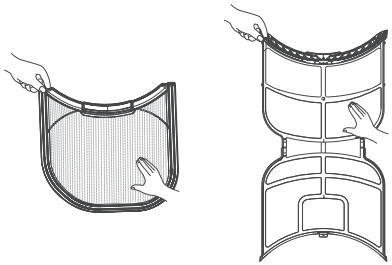
Always clean the lint from the filter after every cycle.



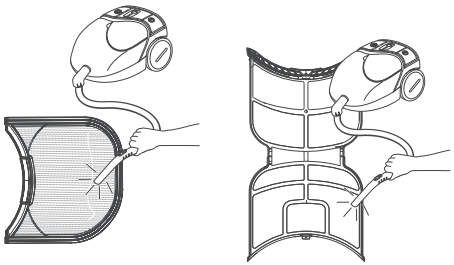
❶ Lint Filter

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

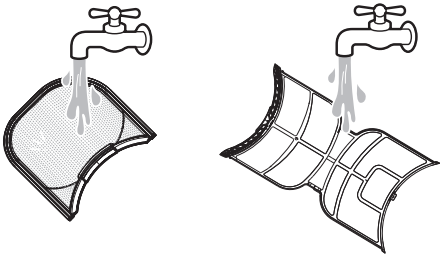
1 For everyday cleaning, roll any lint off the filter with your fingers, or



2 Vacuum the lint filter.



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.



NOTE

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

TROUBLESHOOTING

Operation of your appliance can lead to errors and malfunctions. The following tables contain possible causes and notes for resolving an error message or malfunction. It is recommended to read the tables carefully below in order to save your time and money that may cost for calling to LG Electronics service centre.

Washer

Error Messages

Symptoms	Possible Cause & Solution
IE **INLET ERROR**	**Water supply is not adequate in that location. Water does not enter appliance or it enters slowly.** • Check another tap in the house.
	Water supply tap is not completely open. Water does not enter the appliance or it enters slowly. • Open fully tap.
	Water supply hose(s) are kinked. • Straighten hose or reinstall the water inlet hose
	The filter of the supply hose(s) are clogged. • Check and clean the inlet valve filter after turning off the taps and removing the hose connections to the washing machine.
UE **UNBALANCE ERROR**	**The appliance has a system which detects and corrects the unbalance of the appliance.** • The clothes may be too wet at the end of the cycle, rearrange the load to allow proper spinning. Close the door and press **Start/Pause** button. It may take a few moments before the appliance begins to spin. The door must be locked before spin can be achieved.
	Load is too small. This system may stop spinning or even interrupt the spin cycle altogether if individual heavy articles (e.g. bath mat, bath robe, etc.) are loaded. • Add 1 or 2 similar items or smaller articles of clothes to help balance the load. Close the door and press **Start/Pause** button. It may take a few moments before the appliance begins to spin. The door must be locked before spin can be achieved.
OE **WATER OUTLET ERROR**	**Drain hose is kinked or clogged. Water in the appliance does not drain or drains slowly.** • Clean and straighten the drain hose.
	The drain filter is clogged. • Check and clean the drain filter.

Symptoms	Possible Cause & Solution
dE1/dE2 **DOOR ERROR**	**Door is open.** • Close the door and make sure that nothing is caught under the door preventing it from closing completely.
	Door sensor malfunctions. • Close the door. Please call LG service centre. You can find your local LG service centre phone number in the warranty card.
tE **CONTROL ERROR**	**This is a control error.** • Unplug the power plug and call for service.
LE **MOTOR LOCKED ERROR**	**Over load in motor.** • Let the appliance wait for 30 minutes until the motor is cooled down and then, restart the cycle.
FE **OVERFLOW ERROR**	**Water overfills due to a possible faulty water valve.** • Close the water tap. Unplug the power plug. Call for service.
PE **PRESSURE SENSOR ERROR**	**Water level sensor malfunctions.** • Close the water tap. Unplug the power plug. Call for service.
uS **VIBRATION SENSOR ERROR**	**Vibration sensor malfunctions.** • Call for service.
FF **FROZEN FAILURE**	**Is supply/drain hose or drain pump frozen?** • Supply warm water into the drum in order to unfreeze the drain hose and the drain pump. Cover the supply hose with wet and warm towel.
AE **WATER LEAKAGE**	**Water leaks.** • Call for service.
PF **POWER FAILURE**	**Power failure or inadequate electrical service may have occurred during operation.** • Press the **Start/Pause** button to restart the cycle.

Noises You Might Hear

Symptoms	Possible Cause & Solution
Rattling and clanking noise	**Foreign objects, such as keys, coins, or safety pins may be in the drum.** • Stop the appliance, check the drum for foreign objects. If the noise continues after the appliance is restarted, call for service.
Thumping sound	**Heavy clothes may produce a thumping sound. This is usually normal.** • If the sound continues, the appliance is probably out of balance. Stop and redistribute the clothes.

Symptoms	Possible Cause & Solution
Thumping sound	**The clothes may be out of balance.** • Pause the programme and redistribute the clothes after the door unlocks.
Vibrating noise	**Package materials are not removed.** • Remove package materials.
	The clothes may be unevenly distributed in the drum. • Pause the programme and redistribute the clothes after the door unlocks.
	Not all levelling feet are resting firmly and evenly on the floor. • See the **Levelling the Appliance** instruction to adjust the levelling of the appliance.
	Floor not rigid enough. • Check if the floor is sold and does not flex. See the **Installation Place Requirements** to select the proper location.

Operation

Symptoms	Possible Cause & Solution
Water is leaking.	**House drain pipes are clogged.** • Unclog waste pipes. Contact plumber if necessary.
	Leakage is caused by improper installation of drain hose or clogged drain hose. • Clean and straighten the drain hose. Check and clean the drain filter regularly.
	Drain pump filter cap is not fitted correctly. • Refit the drain pump filter.
Appliance does not operate.	**Control panel has powered off due to inactivity.** • This is normal. Press the **Power** button to turn the appliance on.
	Appliance is unplugged. • Make sure that the cord is plugged securely into a working outlet.
	Water supply is turned off. • Turn the water supply tap completely.
	Controls are not set properly. • Make sure that the programme is correctly set. Close the door and press the **Start/Pause** button.
	Door is open. • Close the door and make sure that nothing is caught under the door preventing it from closing completely.

Symptoms	Possible Cause & Solution
Appliance does not operate.	**Circuit breaker/fuse is tripped/blown.** • Check house circuit breakers/fuses. Replace fuses or reset breaker. The appliance should be on a dedicated branch circuit. The appliance will resume the programme where it stopped once power is restored.
	Control needs to be reset. • Press the **Power** button, then reselect the desired programme and press the **Start/Pause** button.
	Start/Pause was not pressed after a programme was set. • Press the **Power** button, then reselect the desired programme and press the **Start/Pause** button. The appliance is turned off if the **Start/Pause** button is not pressed within a certain time.
	Extremely low water pressure. • Check another tap in the house to make sure that household water pressure is adequate.
	Appliance is heating the water or making steam. • The drum may stop operating temporarily during certain cycles, while water is safely heated to a set temperature.
Buttons may not function properly.	**The Child Lock option is activated.** • Deactivate the **Child Lock** option if necessary.
Door does not open.	**The door cannot be opened for safety reasons once the appliance starts.** • This is normal. You can safely open the door after turns off.
Appliance is not filling properly.	**Inlet filter clogged.** • Make sure the inlet filters on the fill valves are not clogged.
	Inlet hoses may be kinked. • Check that inlet hoses are not kinked or clogged.
	Insufficient water supply. • Make sure that both hot and cold water taps are turned on all the way.
	Hot and cold supply hoses are reversed. • Check supply hose connections.
Appliance does not drain water.	**Kinked drain hose.** • Ensure that the drain hose is not kinked.
	Drain located higher than 1.2 m above the floor. • Make sure that the drain hose is no higher than 1.2 m above the bottom of the appliance.
Detergent is not dispensed incompletely or not dispensed at all.	**Too much detergent is used.** • Follow the guidelines provided by the detergent manufacturer.

Symptoms	Possible Cause & Solution
Detergent is not dispensed incompletely or not dispensed at all.	**Drain Pump Filter may be blocked.** • Clean the Drain filter.
Cycle time is longer than usual.	**The load is too small.** • Add more items to allow the appliance to balance the loads.
	Heavy articles are mixed with lighter items. • Always try to wash articles with similar weight in order to allow the appliance to evenly distribute the weight of the load for spinning.
	The load is out of balance. • Manually redistribute the load if articles have become tangled.
Cycle end is delayed.	**Unbalance is detected or suds removing programme is on.** • This is normal. The time remaining shown on the display is only an estimated duration. Actual time may vary.

Performance

Symptoms	Possible Cause & Solution
Poor stain removal	**Previously set stains.** • Articles that have been previously washed may have stains which have been set. These stains may be difficult to remove and may require hand washing or pre-treating to aid in stain removal.
Staining	**Bleach or softener is dispensed too soon.** • Dispenser compartment is overfilled. It makes bleach or softer dispensed rapidly. Always measure bleach or softener to prevent overfilling. • Close the detergent dispenser slowly.
	Bleach or softener was added directly to the clothes in the drum. • Always use the detergent dispenser to ensure that bleach or softener is properly dispensed at the right time in the programme.
	Clothes were not properly sorted. • Always wash dark colours separately from light colours and whites to prevent discoloration. • Never wash heavily soiled items with lightly soiled items.
Wrinkling	**Appliance is not unloaded promptly.** • Always remove items from the appliance as soon as the programme is complete.
	Appliance is overloaded. • The appliance can be fully loaded, but the drum should not be tightly packed with items. The door of the appliance should be closed easily.
	Hot and cold water supply hoses are reversed. • Hot water rinse can set wrinkles in garments. Check the supply hose connections.
	Spin speed may be too high. • Set the spin speed to suit the garment type.

Odour

Symptoms	Possible Cause & Solution
Musty or mildewy odour in appliance	**Inside of drum is not cleaned properly.** • Run the **Tub Clean** function regularly.
	Odours can occur if the drain hose is not properly installed, causing siphoning (water flowing back inside of the appliance). • When installing the drain hose, make sure that it does not get kinked or blocked.
	If the detergent dispenser is not cleaned regularly, odours can occur from mold or foreign substances. • Remove and clean the detergent dispenser, especially the top and bottom of the dispenser’s opening.

Dryer

Error Messages

Symptoms	Possible Cause & Solution
tE1 through tE7 **TEMPERATURE SENSOR ERROR**	**Temperature sensor failure.** • Turn off the appliance and call for service.
PS **POWER ERROR**	**Power cord is connected incorrectly.** • Check the connection of the power cord to the terminal block.
d75, d80, d90, d95 **DUCT BLOCK ERROR**	**The duct work is about 75% - 95% blocked. (The error code is displayed for 2 hours only.)** • Do not use the appliance until the exhaust system has been cleaned and/or repaired. Using the appliance with a severely restricted exhaust is dangerous and could result in a fire or other property damage. • Check the outside dryer vent while the appliance is operating to make sure there is strong airflow. If the exhaust system is extremly long, have it repaired or rerouted.
	House exhaust system blocked. • 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.
CL **CHILD LOCK FUNCTION**	**The Child Lock function is on to prevent anyone from changing cycles or operating the dryer.** • Turn off the **Child Lock** function in the control panel. See **Child Lock** under **Options and Extra Functions**.

Operation

Symptoms	Possible Cause & Solution
The Flow Sense™ (▤) indicator remains active after clearing the restriction in the venting.	**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.** • If the Flow Sense™ (▤) indicator remains active for more than five cycles after the restriction has been cleared, call for service.
Clothes take too long to dry.	**Exhaust ducts are blocked, dirty, or duct run is too long.** • 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 clogged.

Symptoms	Possible Cause & Solution
Clothes take too long to dry.	**Load is not properly sorted** • 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.
	Large and heavy fabrics are loaded. • 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.
	Dryer controls are not set properly. • 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.
	Lint filter needs to be cleaned. • 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.
	House fuse is blown, circuit breaker has tripped, or power outage has occurred. • 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.
	The appliance is overloaded. • Divide extra large loads into smaller loads for better drying performance and efficiency.
	Energy Saver option is selected. (on some models) • If using the **Normal** cycle, deselect the **Energy Saver** option that is selected by default. This option reduces enery 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 **Energy Saver** mode.
The appliance will not turn on.	**Power cord is not properly plugged in.** • Make sure that the plug is securely plugged into a grounded outlet matching the appliance's rating plate.
	House fuse is blown, circuit breaker has tripped, or power outage has occurred. • 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.
The appliance does not heat.	**House fuse is blown, circuit breaker has tripped, or power outage has occurred.** • 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.

Symptoms	Possible Cause & Solution
The appliance does not heat.	**Gas supply or service is turned off.** • Confirm that the house 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.
	Energy Saver option is selected. (on some models) • If using the **Normal** 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 **Energy Saver** mode.
Drying time is not consistent.	**Heat settings, load size, or dampness of clothing is not consistent.** • 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. An unbalanced load in the washer can cause poor spinning, resulting in wetter clothes which will take longer to dry.

Performance

Symptoms	Possible Cause & Solution
Clothes are wrinkled.	**Clothes dried too long (overdried).** • 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.
	Clothes left in dryer too long after cycle ends. • Use the **Wrinkle Care** option. This option will tumble the clothes briefly every few minutes for up to 3 hours to help prevent wrinkling.
Greasy or dirty spots on clothes.	**Fabric softener used incorrectly.** • Check and follow the instructions provided with your fabric softener.
	Clean and dirty clothes are being dried together. • Use your dryer to dry only clean items. Soil from dirty clothes can transfer to the clean clothes in the same or later loads.
	Clothes were not properly cleaned or rinsed before being placed in the dryer. • 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.

Symptoms	Possible Cause & Solution
Clothes are shrinking.	**Garment care instructions are not being followed.** • 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.
Lint on clothes.	**Lint filter not cleaned properly.** • 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 **MAINTENANCE** section. With some loads that produce high amounts of lint, it may be necessary to clean the filter during the cycle.
	Laundry not sorted properly. • 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).
	Excess static in clothes. • 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.
	The appliance is overloaded. • Divide extra large loads into smaller loads for drying.
	Tissue, paper, etc., left in pockets. • Check pockets thoroughly before washing and drying clothes.
Excess static in clothes after drying.	**Fabric softener is not used or is used incorrectly.** • Use a fabric softener or the **Reduce Static** option, if available, to reduce static electricity. Be sure to follow the manufacturer's instructions.
	Clothes dried too long (overdried). • 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, if necessary.
	Drying synthetics, permanent press, or synthetic blends. • 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.

Symptoms	Possible Cause & Solution
Clothes have damp spots after a dry cycle.	**Very large load or very small load. Single large item such as a blanket or comforter.** • If items are too tightly packed or too sparse the sensor may have trouble reading the dryness level of the load. Use a **Time Dry** cycle for very small loads. • 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. • 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 **Time Dry** cycle to finish drying the item(s).

Steam Function

Symptoms	Possible Cause & Solution
Water drips from nozzle when Steam cycle starts.	**This is normal.** • This is steam condensation when Steam cycle starts. The dripping water will stop after a short time.
Steam does not generate, but no error code is shown.	**Water level error.** • Unplug dryer and call for service.
Water drips from door during Steam cycle.	**This is normal.** • Condensation will normally form on the inside of the dryer door during steam operation. Some condensation may drip out the bottom of the door.
Steam is not visible during Steam cycle.	**This is normal.** • 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.
Drum does not turn during Steam cycle.	**This is normal.** • 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.
Cannot see steam vapor at the beginning of cycle.	**This is normal.** • Steam is released at different stages of the cycle for each option.

Indicator Messages

Symptoms	Possible Cause & Solution
Flow Sense indicator ( ) shows four bars during the drying cycle or the display shows dBO after drying.	**Exhaust system is too long or has too many turns/restrictions.** • Install a shorter or straighter duct run. See the **Installation Instructions** for details.
	Partial blockage of the ductwork due to lint buildup or other foreign object. • Ductwork should be checked/cleaned immediately. Dryer can be used in this condition, but drying times will be longer and energy consumption will increase.
	The appliance has detected a restriction in the external dryer venting. • If exhaust restrictions are sensed by the Flow Sense system, the indicator will remain on for **2 hours** after the end of the cycle. Opening the door or pressing the **Power** button will turn off the display. • This warning light is not a dryer failure and is not covered by the dryer warranty. Contact a duct cleaning service to set up an appointment to have your exhaust system cleaned and inspected.
The Flow Sense indicator ( ) remains active after clearing the restriction in the venting.	**After clearing the restriction, the Flow Sense system requires multiple, consecutive cycles to determine that the performance value has improved before the Flow Sense indicator is reset.** • If the Flow Sense indicator remains active for more than five cycles after the restriction has been cleared, call for service.
Check filter indicator ( ) is on during the drying cycle.	**Lint filter not cleaned properly.** • 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. With some loads that produce high amounts of lint, it may be necessary to clean the filter during the cycle.

Common

Wi-Fi

Symptoms	Possible Cause & Solution
Your home appliance and smartphone are not connected to the Wi-Fi network.	**The password for the Wi-Fi that you are trying to connect to is incorrect.** • Find the Wi-Fi network connected to your smartphone and remove it, then register your appliance on **LG ThinQ**.
	Mobile data for your smartphone is turned on. • Turn off the **Mobile data** of your smartphone and register the appliance using the Wi-Fi network.

Symptoms	Possible Cause & Solution
Your home appliance and smartphone are not connected to the Wi-Fi network.	**The wireless network name (SSID) is set incorrectly.** • The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters).
	The router frequency is not 2.4 GHz. • Only a 2.4 GHz router frequency is supported. Set the wireless router to 2.4 GHz and connect the appliance to the wireless router. To check the router frequency, check with your internet service provider or the router manufacturer.
	The distance between the appliance and the router is too far. • If the distance between the appliance and the router is too far, the signal may be weak and the connection may not be configured correctly. Move the location of the router so that it is closer to the appliance.

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