



OWNER'S MANUAL

# DRYER

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

DLE3180\*, DLG3181\*



MFL67652514  
Rev.02\_032317

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

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# PRODUCT FEATURES

## Easy-to-Use Control Panel

Rotate the cycle selector knob to select the desired dry cycle. Add cycle options or adjust settings with the touch of a button.

## Easy-Access Reversible Door

The wide-opening door provides easy access for loading and unloading. The door hinge can be reversed to adjust for installation location.

## Flow Sense™ Duct Blockage Sensing System Indicator

The Flow Sense™ duct blockage sensing system detects and alerts you to restrictions in the installed household ductwork that reduce exhaust airflow through the dryer. If you see the alert: Clean or repair the ducts to remove the restrictions. Keep your ducts clean to help increase efficiency and reduce long drying times caused by blocked ducts.

## Smart Diagnosis™

Should you experience any technical difficulty with your dryer, it has the capability of transmitting data via your telephone to the Customer Information Center. The call center agent records the data transmitted from your machine and uses it to analyze the issue, providing a fast and effective diagnosis.

## Tag On (On Some Models)

The Tag On feature works on most NFC equipped smartphones by communicating with a Tag On equipped LG appliance. Using the LG Smart ThinQ application, the Tag On feature will allow you to diagnose your appliance, download new cycles, and see the status of your appliance by simply touching the smartphone to the Tag On logo of the appliance.



**Protocol P154 Sanitization  
Performance of Residential Clothes  
dryer**

# SAFETY INSTRUCTIONS

## READ ALL INSTRUCTIONS BEFORE USE

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

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

This is the safety alert symbol.



This symbol alerts you to potential hazards that can kill or injure you and others.

All safety messages will follow the safety alert symbol and either the word WARNING or CAUTION.

These words mean:



### WARNING

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



### CAUTION

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

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

## **WARNING- 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.
- Save these instructions.



### 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.

## IMPORTANT SAFETY INSTRUCTIONS

### WARNING

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

#### California Safe Drinking Water and Toxic Enforcement Act

- This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. **Wash hands after handling.**

#### INSTALLATION

- Before use, the appliance must be properly installed as described in this manual.
- Connect to a properly rated, protected, and sized power circuit to avoid electrical overload.
- To reduce the risk of severe injury or death, follow all installation instructions.
- The appliance must be installed and electrically grounded by qualified service personnel in accordance with local codes.
- Disconnect the power cord, house fuse or circuit breaker before installing or servicing the appliance.
- When moving or installing the product in a different location, call qualified service personnel for installation and service.
- Keep packing materials out of the reach of children. Packaging material can be dangerous for children. There is a risk of suffocation.
- Moving or installation of the appliance requires two or more people.
- This appliance is not designed for maritime use or for mobile installations such as in RVs, trailers, or aircraft.
- Store and install the appliance where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions.
- This appliance must be positioned near to an electrical power supply.
- Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.
- When installing or moving the appliance, be careful not to pinch, crush, or damage the power cord.
- Do not install the appliance in humid spaces.
- Destroy the carton, plastic bag, and other packing materials after the appliance is unpacked. Children might use them for play. Cartons covered with rugs, bedspreads, or plastic sheets can become airtight chambers.
- Adhere to all industry recommended safety procedures including the use of long sleeved gloves and safety glasses.
- Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
- 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.

- Place the dryer at least 18 inches above the floor for a garage installation.
- Do not use sheet metal screws or other fasteners which extend into the duct that could catch lint and reduce the efficiency of the exhaust system. Secure all joints with duct tape.
- Use only rigid, semi-rigid or flexible metal 4-inch diameter duct inside the dryer cabinet or for exhausting to the outside. Use of plastic or other combustible ductwork may cause fire. Punctured ductwork may cause fire if it collapses or becomes otherwise restricted in use or during installation.
- The exhaust duct must be 4 inches (10.2 cm) in diameter with no obstructions. The exhaust duct should be kept as short as possible. Make sure to clean any old ducts before installing your new dryer.
- Rigid, semi-rigid or flexible metal ducting is recommended for use between the dryer and the wall. All non-rigid metal transition duct must be UL-listed. Use of other materials for transition duct could affect drying time.
- Ductwork is not provided with the dryer, and you should obtain the necessary ductwork locally. The end cap should have hinged dampers to prevent backdraft when the dryer is not in use.
- Gas dryers MUST be exhausted to the outside.
- The dryer exhaust system must be exhausted to the outside of the dwelling. If the dryer is not exhausted outdoors, some fine lint and large amounts of moisture will be expelled into the laundry area. An accumulation of lint in any area of the home may create a health and fire hazard.
- Do not install near another heat source such as a stove, oven or heater.
- Keep area around the exhaust opening and adjacent surrounding areas free from the accumulation of lint, dust, and dirt.
- The appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by a utility.

### **OPERATION**

- Repair or immediately replace all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end.
- If you detect a strange sound, a chemical or burning smell, or smoke coming from the appliance, unplug it immediately, and contact an LG Electronics customer information center.
- Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.
- Do not use an extension cord or adapter with this appliance.
- Do not grasp the power cord or touch the appliance controls with wet hands.
- Do not modify or extend the power cord.
- If the product has been submerged, contact an LG Electronics customer information center for instructions before resuming use.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Keep the area underneath and around your appliances free of combustible materials (lint, paper, rags, etc.), gasoline, chemicals and other flammable vapors and liquids.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.

- Read all instructions before using the appliance and save these instructions.
- Use this appliance only for its intended purpose.
- Do not abuse, sit on, or stand on the door of the appliance.
- Do not allow children to play on, in or with the appliance. Close supervision of children is necessary when the appliance is used near children.
- Do not tamper with controls.
- In the event of a gas leak (propane gas, LP gas, etc.) do not operate this or any other appliance. Open a window or door to ventilate the area immediately.
- Under certain conditions, hydrogen gas may be produced in a hot-water system that has not been used for two weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot-water system has not been used for such a period, before using the appliance turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
- Fix the drain hose securely in place.
- Do not put oily or greasy clothing, candles or flammable materials on top of the appliance.
- Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
- Do not reach into the appliance if the drum is moving.
- Do not dry articles that have been previously cleaned in, washed in, soaked in, soiled with or spotted with gasoline, dry cleaning solvents, vegetable oil, cooking oil or other flammable or explosive substances, as they give off vapors that could ignite or explode.
- Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials.
- Do not store plastic, paper, or clothing that may burn or melt on top of the dryer during operation.
- Always check the inside of the appliance for foreign objects.
- Gas appliances can cause minor exposure to four of these substances, namely benzene, carbon monoxide, formaldehyde, and soot, caused primarily by the incomplete combustion of natural gas or LP fuels.
- Properly adjusted dryers will minimize incomplete combustion. Exposure to these substances can be minimized further by properly venting the dryer to the outdoors.
- 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.
- 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 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.

### **STEAM (Steam models)**

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

## MAINTENANCE

- Do not repair or replace any part of the appliance. All repairs and servicing must be performed by qualified service personnel unless specifically recommended in this Owner's Manual. Use only authorized factory parts.
- Do not disassemble or repair the appliance by yourself.
- Remove any dust or foreign matter from the power plug pins.
- Disconnect this appliance from the power supply before cleaning and attempting any user maintenance. Turning the controls to the OFF position does not disconnect this appliance from the power supply.
- Remove the door before the appliance is removed from service or discarded to avoid the danger of children or small animals getting trapped inside.
- Unplug the appliance before cleaning to avoid the risk of electric shock.
- Clean the lint filter before or after each load.
- The interior of the appliance and exhaust duct should be cleaned periodically by qualified service personnel.

## GROUNDING INSTRUCTIONS

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

## WARNING

### Fire Hazard

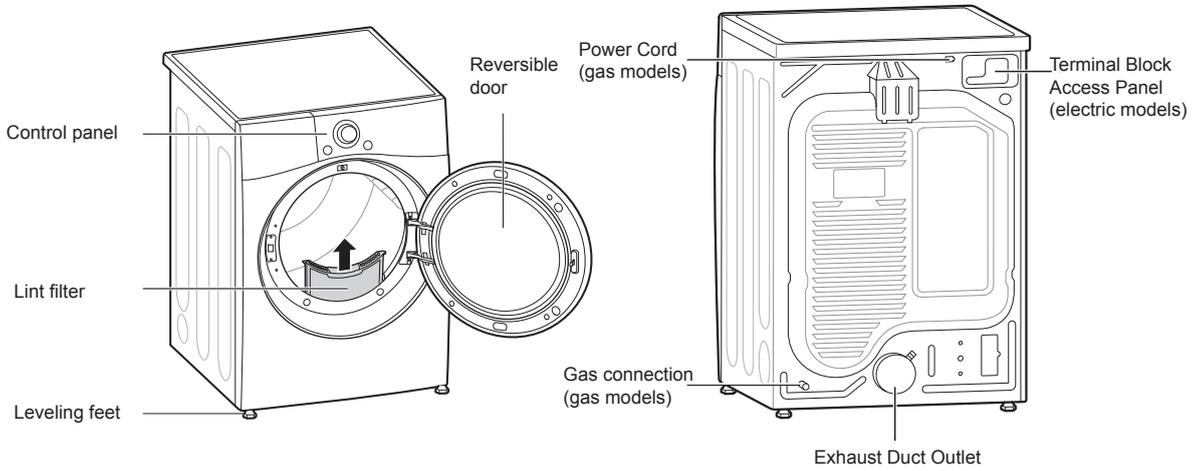
**Failure to follow safety warnings exactly could result in serious injury, death or property damage.**

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

**SAVE THESE INSTRUCTIONS**

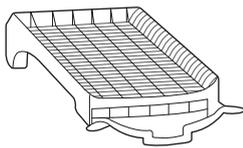
# PRODUCT OVERVIEW

## Parts



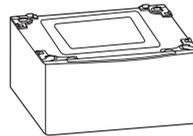
## Accessories

### Included Accessories



Drying Rack  
(on some models)

### Optional Accessories



Pedestal (sold separately)



Stacking kit (sold separately)

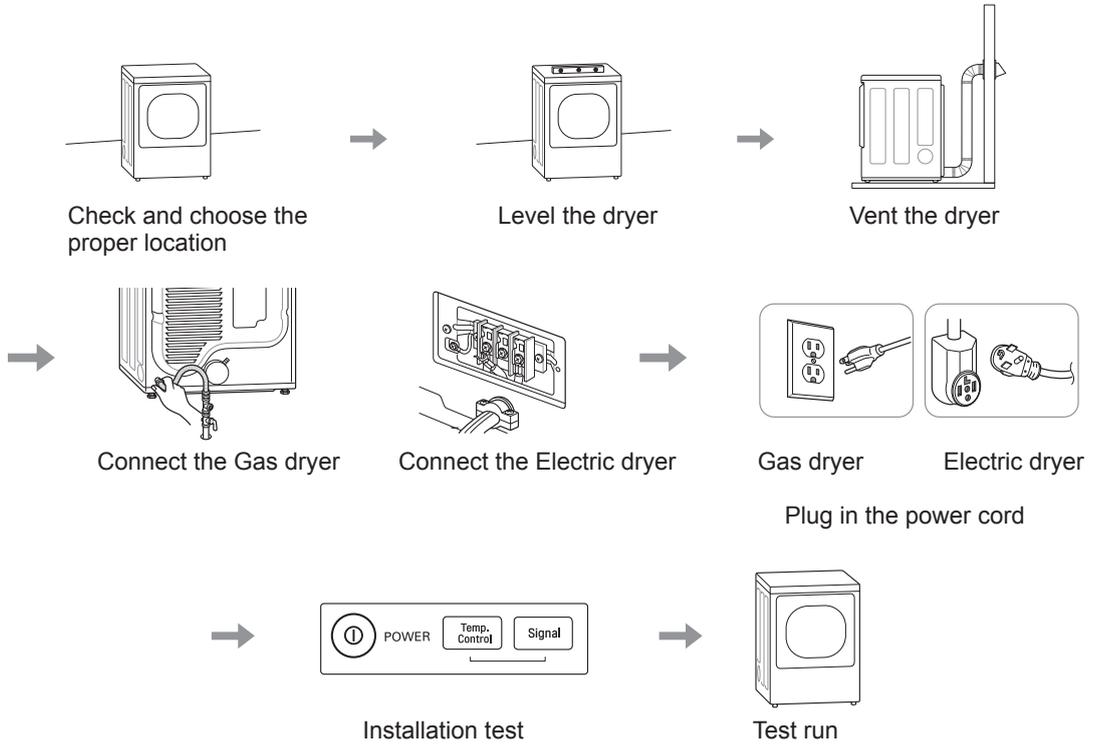
### NOTE

- For your safety and extended product life, use only authorized components. The manufacturer is not responsible for product malfunction or accidents caused by the use of unauthorized components or parts.
- The images in this manual may be different from the actual components and accessories that are subject to change by the manufacturer without prior notice for product improvement purposes.

# INSTALLATION

## Installation Overview

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



## Product Specifications

The appearance and specifications listed in this manual may vary due to constant product improvements.

Dryer Models	DLE3180*, DLG3181*
Description	Non-steam Dryer
Electrical requirements	Please refer to the rating label for detailed information.
Gas requirements	NG: 4 - 10.5-inch (10.2 - 26.7 cm) WC LP: 8 - 13-inch (20.4 - 33.1 cm) WC
Dimensions	27" (W) X 30" (D) X 38.7" (H), 51.4" (D with door open) 68.6 cm (W) X 76.1 cm (D) X 98.3 cm (H), 130.5 cm (D with door open)
Net weight	Gas : 124.7 lbs (56.6 kg) Electric : 122.0 lbs (55.3 kg)
Drying capacity	IEC 7.4 cu.ft. (22.5 lb/10.2 kg)

## Installation Location Requirements

### WARNING

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

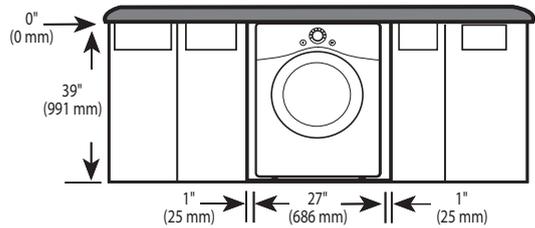
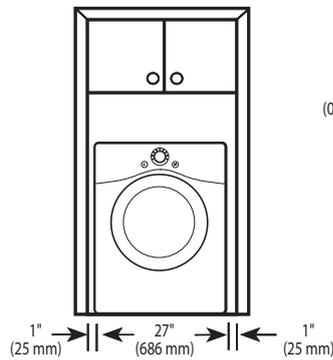
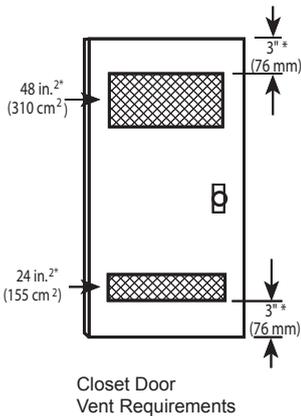
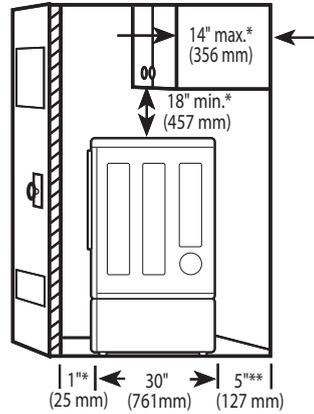
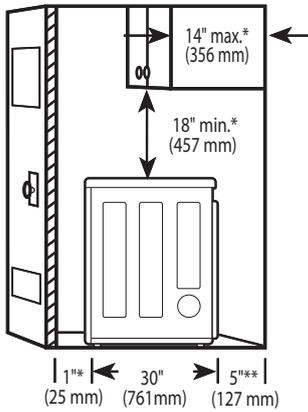
The installation requires:

- A location that allows for proper exhaust installation. A gas dryer must be exhausted to the outdoors. See Venting the Dryer.
- A grounded electrical outlet located within 2 ft. (61 cm) of either side of the dryer. See Connecting Electric Dryers.
- A sturdy floor to support the total dryer weight of 200 lb (90.7 kg). The combined weight of a companion appliance should also be considered.
- No other fuel-burning appliance can be installed in the same closet as a dryer.
- Additional clearances might be required for wall, door and floor moldings.
- Companion appliance spacing should also be considered.

### NOTE

- The floor must be level, with a maximum slope of 1 inch (2.5 cm) under the entire dryer. Clothes may not tumble properly, and automatic sensor cycles may not operate correctly if the dryer is not level.
- For garage installation, you will need to place the dryer at least 18-inch (45.7 cm) above the floor. The standard pedestal is 15-inch (38 cm). You will need 18-inch (45.7 cm) from the garage floor to the bottom of the dryer.
- Do not operate your dryer at temperatures below 45 °F (7 °C). At lower temperatures, the dryer might not shut off at the end of an automatic cycle. This can result in longer drying times.
- The dryer must not be installed or stored in an area where it will be exposed to water and/or weather.
- Check code requirements that limit, or do not permit, installation of the dryer in garages, closets, mobile homes or sleeping quarters. Contact your local building inspector.

## Clearances



### Installation Spacing for Recessed Area or Closet Installation

The following spacing dimensions are recommended for this dryer. This dryer has been tested for clearances of 1 inch (2.5 cm) on the sides and rear. Recommended clearances should be considered for the following reasons:

- Additional clearances should be considered for ease of installation and servicing.
- Additional clearances should be considered on all sides of the dryer to reduce noise transfer. For closet installation, with a door, minimum ventilation openings in the top and bottom of the door are required. Louvered doors with equivalent ventilation openings are acceptable.

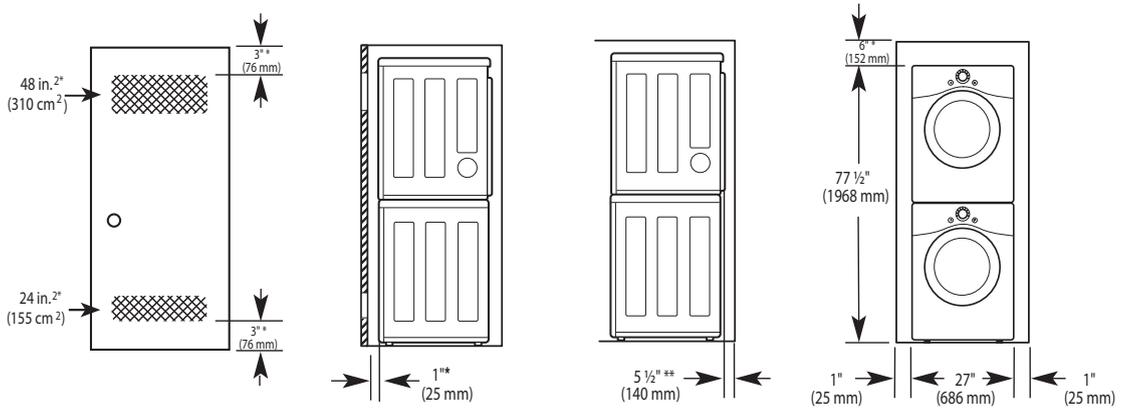
#### Closet Ventilation Requirements

Closets with doors must have both an upper and lower vent to prevent heat and moisture buildup in the closet. One upper vent opening with a minimum opening of 48 sq. in. (310 cm<sup>2</sup>) must be installed no lower than 6 feet above the floor. One lower vent opening with a minimum opening of 24 sq. in. (155 cm<sup>2</sup>) must be installed no more than one foot above the floor. Install vent 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 dryer (or any other appliance) to eliminate the transfer of vibration from one appliance to another. If there is enough vibration, it could cause appliances to make noise or come into contact, causing paint damage and further increasing noise.

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



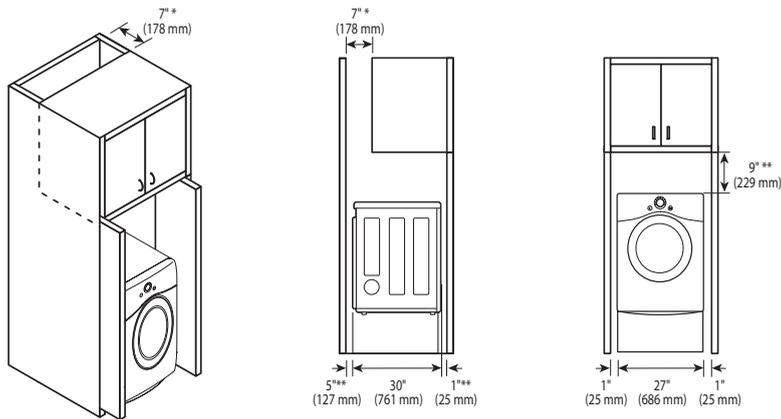
\* Required spacing

\*\* For side or bottom venting, 2-inch (5.1 cm) of spacing is allowed.

## Installation Spacing for Cabinet

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

\* Required spacing



## Leveling the Dryer

### WARNING

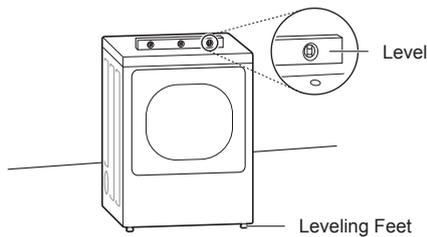
To reduce the risk of serious injury or death, follow basic precautions, including the following:

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

### NOTE

- Adjust the leveling feet only as far as necessary to level the dryer. Extending the leveling feet more than necessary may cause the dryer to vibrate.
- To ensure that the dryer provides optimal drying performance, it must be level. To minimize vibration, noise, and unwanted movement, the floor must be a perfectly level, solid surface.

- 1 Position the dryer in the final location. Place a level across the top of the dryer.

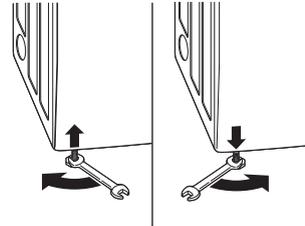


- All four leveling feet must rest solidly on the floor. Gently push on the top corners of the dryer to make sure that the dryer does not rock from corner to corner.

### NOTE

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

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



## Reversing the Door

### Tools Required

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

### WARNING

To reduce the risk of damage to the dryer, property damage or personal injury, follow basic precautions, including the following:

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

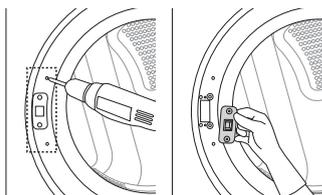
### Door Reversal Instructions

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

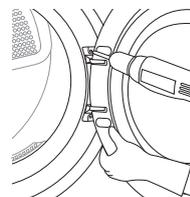
### WARNING

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

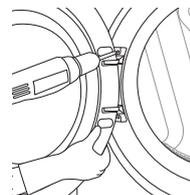
- 1 Open the door and remove the two decorative screws, two latch screws, and the latch on the catch side with a screwdriver. Save these for step 4.



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



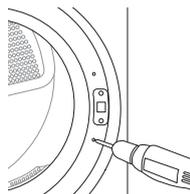
- 3 Turn the door upside down and line up the holes in the hinge with the holes in the cabinet. Reinstall the door with the screws removed in step 2.



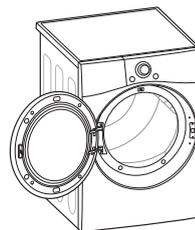
### WARNING

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

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



- 5 Check that the door closes properly.



## Installing the Side Vent Kit

### **⚠ WARNING**

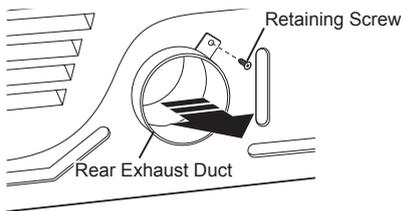
To reduce the risk of serious injury, death or property damage, follow basic precautions, including the following:

- 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 this dryer.

Your new dryer is configured to vent to the rear. It can also vent to the bottom or side (right-side venting is not available on gas models).

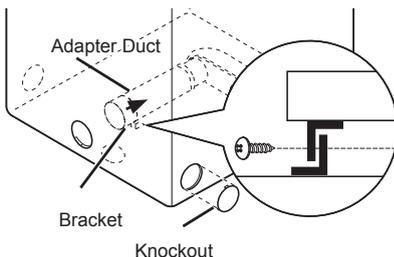
An adapter kit, part number 383EEL9001B, may be purchased from your LG retailer. This kit contains duct components necessary to change the dryer vent location.

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

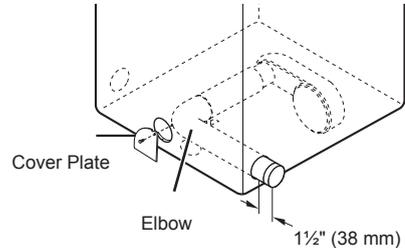


### Option 1: Side Venting

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

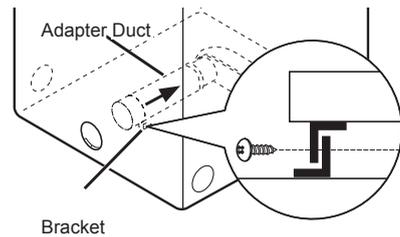


- 3 Preassemble a 4-inch (10.2 cm) elbow to the next 4-inch (10.2 cm) duct section, and secure all joints with duct tape. Be sure that the male end of the elbow faces AWAY from the dryer. Insert the elbow/duct assembly through the side opening and press it onto the adapter duct. Secure it in place with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

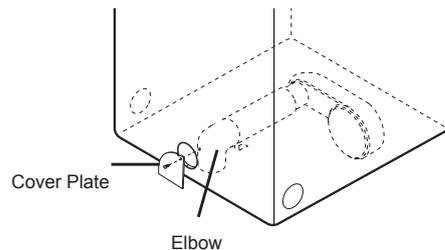


### Option 2: Bottom Venting

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



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

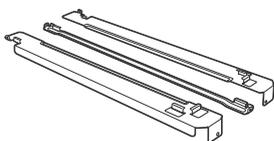


# Stacking the Dryer

## Stacking Kit Installation

This stacking kit includes:

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



Tools Needed for Installation:

- Phillips screwdriver



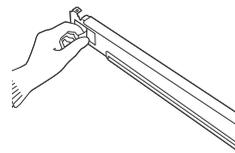
### WARNING

To reduce the risk of electrical shock, fire, explosion, property damage, serious injury or death, follow basic precautions, including the following:

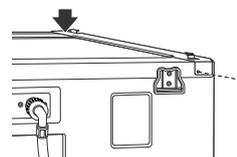
- The weight of the dryer and the height of installation make this stacking procedure too risky for one person. Two or more people are required when installing the stacking kit.
- Do not use the stacking kit with a gas dryer in potentially unstable conditions such as a mobile home.
- Place the washer on a solid, stable, level floor capable of supporting the weight of both appliances.
- Do not stack the washer on top of the dryer.
- If appliances are already installed, disconnect them from all power, water, or gas lines and from draining or venting connections.

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

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

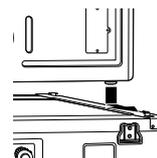


- 2 Fit the side bracket to the side of the washer top as shown in the above illustration. Firmly press the adhesive area of the bracket to the washer surface. Secure the side bracket to the washer with a screw on the back side of the bracket. Repeat steps 1 and 2 to attach the other side bracket.



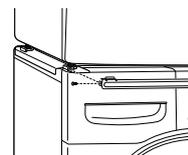
- 3 Place the dryer on top of the washer by fitting the dryer feet into the side brackets as illustrated. Avoid finger injuries; do not allow fingers to be pinched between the washer and dryer.

Slowly slide the dryer toward the back of the washer until the side bracket stoppers catch the dryer feet.



- 4 Insert the front rail between the bottom of the dryer and the top of the washer. Push the front rail toward the back of the washer until it comes in contact with the side rail stoppers.

Install the two remaining screws to secure the front rail to the side rails.



## Venting the Dryer

### WARNING

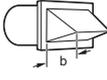
To reduce the risk of fire or explosion, electric shock, property damage, injury to persons or death when using this appliance, follow basic safety precautions, including the following:

- 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.
- Gas dryers MUST exhaust to the outdoors.
- Use only 4-inch (10.2 cm) rigid, semi-rigid or flexible metal ductwork inside the dryer cabinet and for venting outside.
- 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.
- The exhaust duct must be 4-inch (10.2 cm) in diameter with no obstructions. The exhaust duct should be kept as short as possible. Make sure to clean any old ducts before installing your new dryer.
- Rigid, semi-rigid or flexible metal ducting is recommended for use between the dryer and the wall. All non-rigid metal transition duct must be UL-listed. Use of other materials for transition duct could affect drying time.
- DO NOT use sheet metal screws or other fasteners which extend into the duct that could catch lint and reduce the efficiency of the exhaust system. Secure all joints with duct tape.
- 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.

### WARNING

- Ductwork is not provided with the dryer. You should obtain the necessary ductwork locally. The vent hood should have hinged dampers to prevent backdraft when the dryer is not in use.
- The total length of flexible metal duct must not exceed 8 ft. (2.4 m).

## Ductwork

Wall Cap Type	Number of 90° Elbows	Maximum length of 4-inch diameter rigid metal duct
 a: 4" (10.2 cm)	0	65 ft.(19.8 m)
	1	55 ft.(16.8 m)
	2	47 ft.(14.3 m)
	3	36 ft.(11.0 m)
	4	28 ft.(8.5 m)
 b: 2.5" (6.35 cm)	0	55 ft.(16.8 m)
	1	47 ft.(14.3 m)
	2	41 ft.(12.5 m)
	3	30 ft.(9.1 m)
	4	22 ft.(6.7 m)

### NOTE

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

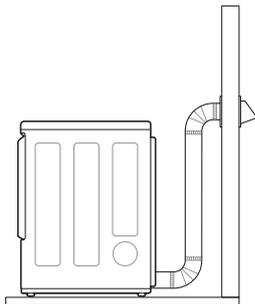
## Routing and Connecting Ductwork

### NOTE

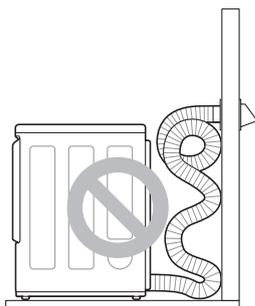
Follow the guidelines below to maximize drying performance and reduce lint buildup and condensation in the ductwork. Ductwork and fittings are NOT included and must be purchased separately.

- Use 4-inch (10.2 cm) diameter rigid, semi-rigid or flexible metal ductwork.
- The exhaust duct run should be as short as possible.
- Use as few elbow joints as possible.
- The male end of each section of exhaust duct must point away from the dryer.
- Use duct tape on all duct joints.
- Insulate ductwork that runs through unheated areas in order to reduce condensation and lint buildup on duct surfaces.
- Incorrect or inadequate exhaust systems are not covered by the dryer warranty. Dryer failures or service required because of such exhaust systems will not be covered by the dryer warranty.

### Correct Venting



### Incorrect Venting



## Connecting Gas Dryers

### ⚠ WARNING

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

### Electrical Requirements for Gas Models Only

- 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.

### ELECTRIC SHOCK HAZARD

Failure to follow safety warnings could result in serious injury

- This dryer is equipped with a three-prong grounding plug for protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

### Gas Supply Requirements

- As shipped from the factory, this dryer is configured for use with natural gas (NG). It can be converted for use with propane (LP) gas. Gas pressure must not exceed 8-inch (20.4 cm) water column for NG, or 13-inch (33.1 cm) water column for LP.
- A qualified service or gas company technician must connect the dryer to the gas service.
- Isolate the dryer from the gas supply system by closing its individual manual shutoff valve during any pressure testing of the gas supply.
- DO NOT attempt any disassembly of the dryer; disassembly requires the attention and tools of an authorized and qualified service technician or company.
- Securely tighten all gas connections.
- Connect the dryer to the type of gas shown on the nameplate.

## WARNING

### Gas Supply Requirements (continued)

- Supply line requirements: Your laundry room must have a rigid gas supply line to your dryer. In the United States, an individual manual shutoff valve **MUST** be installed within at least 6 ft. (1.8 m) of the dryer, in accordance with the National Fuel Gas Code ANSI Z223.1 or Canadian gas installation code CSA B149.1. A 1/8-inch NPT pipe plug must be installed.
- If using a rigid pipe, the rigid pipe should be 0.5-inch IPS. If acceptable under local codes and ordinances and when acceptable to your gas supplier, 3/8-inch approved tubing may be used where lengths are less than 20 ft. (6.1 m). Larger tubing should be used for lengths in excess of 20 ft. (6.1 m).
- To prevent contamination of the gas valve, purge the gas supply of air and sediment before connecting the gas supply to the dryer. Before tightening the connection between the gas supply and the dryer, purge remaining air until the odor of gas is detected.
- **DO NOT** use an open flame to inspect for gas leaks. Use a noncorrosive leak detection fluid.
- Use only a new AGA- or CSA-certified gas supply line 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

- Installation and service must be performed by a qualified installer, service agency, or the gas supplier.
- Use only a new stainless steel flexible connector and a new AGA-certified connector.
- A gas shutoff valve must be installed within 6 ft. (1.8 m) of the dryer.
- 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).
- 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.

### NOTE

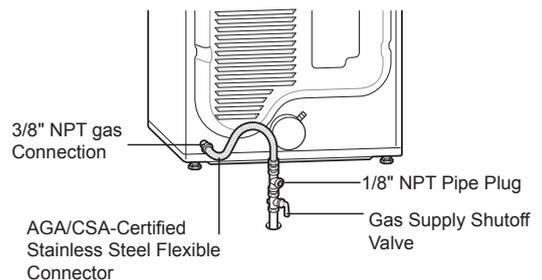
- In the Commonwealth of Massachusetts: This product must be installed by a licensed plumber or gas fitter. When using ball-type gas shut off valves, they shall be T-handle-type. A flexible gas connector, when used, must not exceed 3 feet.

This dryer is configured from the factory for natural gas (NG). If the dryer is to be used with propane (LP) gas, it must be converted by a qualified service technician.

- 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.

### NOTE

- **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.



### High-Altitude Installations

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

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

## Connecting Electric Dryers

### WARNING

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

#### Electrical Requirements for Electric Models Only

- 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 15 ft. (4.5 m) or less in length, use UL (Underwriters Laboratories) listed No.-10 AWG wire (copper wire only), or as required by local codes. If over 15 ft. (4.5 m), use UL-listed No.-8 AWG wire (copper wire only), or as required by local codes. Allow sufficient slack in wiring so the 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.

### WARNING

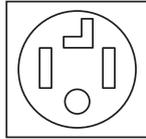
- A 4-wire connection is required for all mobile and manufactured home installations, as well as all new construction after January 1, 1996. A 4-wire connection must be used where local codes do not permit grounding through the neutral wire.
- Do not modify the plug and internal wire provided with the 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 on manual is connected to the same color screw in the block.
- Grounding through the neutral conductor is prohibited for: (1) new branch-circuit installations, (2) mobile homes, (3) recreational vehicles, and (4) 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.

#### NOTE

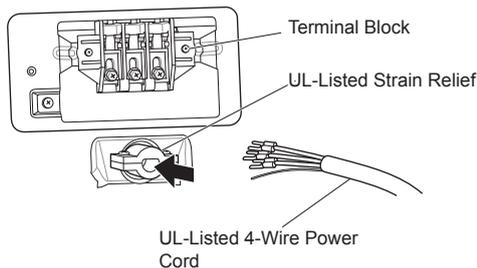
- For electrical requirements for mobile or manufactured homes, see **Special Electrical Requirements**.

### Four-Wire Power Cord

- A 4-wire connection is required for all mobile and manufactured home installations, as well as all new construction after January 1, 1996.
- 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.

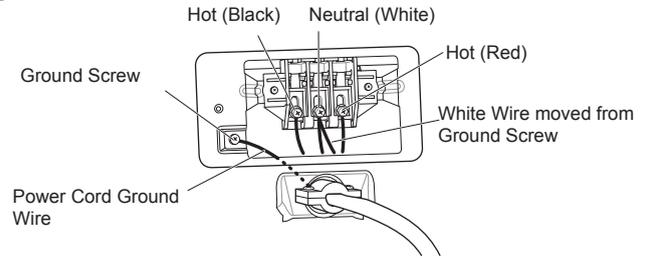


- 1 Remove the terminal block access cover on the upper back of the dryer.
- 2 Install a UL-listed strain relief into the power cord through-hole.
- 3 Thread a 30-amp, 240-volt, 4-wire, UL-listed power cord with #10 AWG-minimum copper conductor through the strain relief.



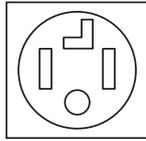
- 4 Transfer the dryer's ground wire from behind the green ground screw to the center screw of the terminal block.
- 5 Attach the two hot leads of the power cord to the outer terminal block screws.
- 6 Attach the white neutral wire to the center screw of the terminal block.
- 7 Attach the power cord ground wire to the green ground screw.

- 8 Tighten all screws securely.
- 9 Reinstall the terminal block access cover.

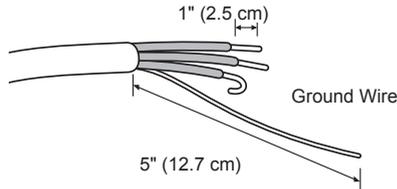


### Four-Wire Direct Wire

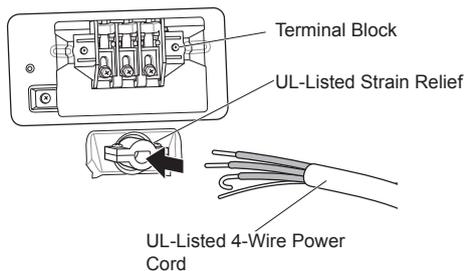
- A 4-wire connection is required for all mobile and manufactured home installations, as well as all new construction after January 1, 1996.
- A UL-listed strain relief is required.
- Use UL-listed 4-wire #10 AWG-minimum copper conductor cable. Allow at least 5 ft. (1.5 m) of wire to allow for removal and reinstallation of the dryer.



- 1 Remove 5-inch (12.7 cm) of the outer covering from the wire. Remove 5-inch of insulation from the ground wire. Cut off approximately 1.5-inch (3.8 cm) from the other three wires and strip 1 inch (2.5 cm) insulation from each wire. Bend the ends of the three shorter wires into a hook shape.



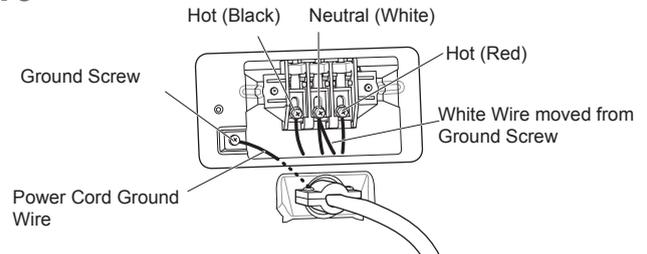
- 2 Remove the terminal block access cover on the upper back of the dryer.
- 3 Install a UL-listed strain relief into the power cord through-hole.
- 4 Thread the 4-wire #10 AWG-minimum copper power cable prepared in step 1 through the strain relief.



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

- 6 Attach the two hot leads of the power cord to the outer terminal block screws.
- 7 Attach the white neutral 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.

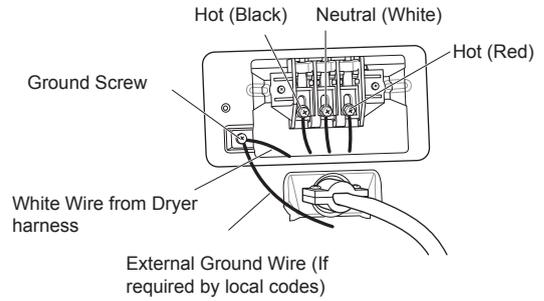


### Three-Wire Power Cord

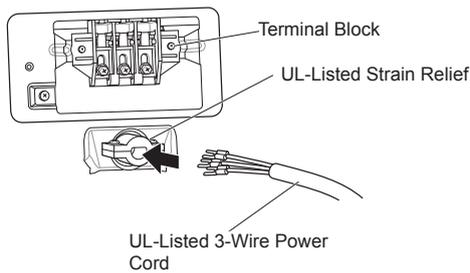
- A 3-wire connection is NOT permitted on new construction after January 1, 1996.
- A UL-listed strain relief is required.
- Use a 30-amp, 240-volt, 3-wire, UL-listed power cord with #10 AWG-minimum copper conductor and closed loop or forked terminals with upturned ends.



### 8 Reinstall the terminal block access cover.



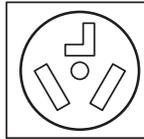
- 1 Remove the terminal block access cover on the upper back of the dryer.
- 2 Install a UL-listed strain relief into the power cord through-hole.
- 3 Thread a 30-amp, 240-volt, 3-wire, UL-listed power cord with #10 AWG-minimum copper conductor through the strain relief.



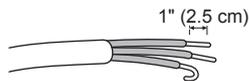
- 4 Attach the two hot leads (black and red) of the power cord to the outer terminal block screws.
- 5 Attach the neutral (white) wire to the center terminal block screw.
- 6 Connect the external ground (if required by local codes) to the green ground screw.
- 7 Tighten all screws securely.

### Three-Wire Direct Wire

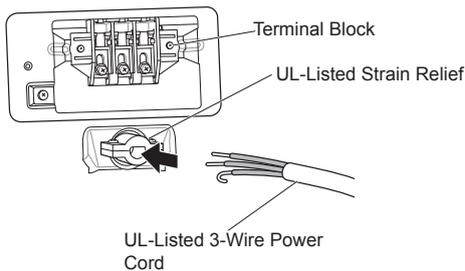
- A 3-wire connection is NOT permitted on new construction after January 1, 1996.
- A UL-listed strain relief is required.
- Use UL-listed 3-wire, #10 AWG-minimum copper conductor cable. Allow at least 5 ft. (1.5 m) length to allow for removal and installation of dryer.



- 1 Remove 3.5-inch (8.9 cm) of the outer covering from the wire. Strip 1 inch (2.5 cm) insulation from each wire. Bend the ends of the three wires into a hook shape.

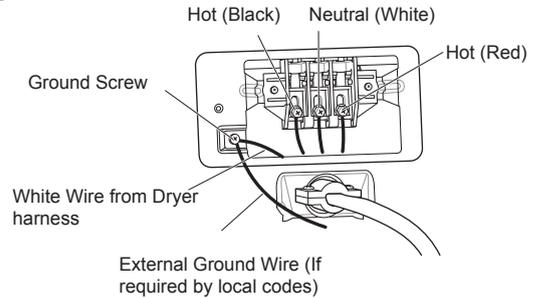


- 2 Remove the terminal block access cover on the upper back of the dryer.
- 3 Install a UL-listed strain relief into the power cord through-hole.
- 4 Thread the 3-wire, #10 AWG-minimum copper conductor power cable prepared in step 1 through the strain relief.



- 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.



## Special Electrical Requirements

### (For Mobile or Manufactured Homes)

- Any installation in a manufactured or mobile home must comply with the Manufactured Home Construction and Safety Standards Title 24 CFR, Part 3280 or Standard CAN/ CSA Z240 MH and local codes and ordinances. If you are uncertain whether your proposed installation will comply with these standards, please contact a service and installation professional for assistance.
- A 4-wire connection is required for all mobile and manufactured home installations, as well as all new construction after January 1, 1996.
- A gas dryer must be permanently attached to the floor.
- The electrical connection for an electric dryer must be a 4-wire connection. More detailed information concerning the electrical connection is provided in the section Connecting Electric Dryers.
- To reduce the risk of combustion and fire, the dryer must be vented to the outside.
- DO NOT vent the dryer under a manufactured home or mobile home.
- Electric dryers may be vented to the outside using the back, left, right, or bottom panel.
- Gas dryers may be vented to the outside using the back, left, or bottom panel. Gas dryers may not be vented to the outside using the right side panel because of the burner housing.
- The dryer exhaust duct must be affixed securely to the manufactured or mobile home structure, and the exhaust duct must be made of a material that will resist fire and combustion. It is recommended that you use a rigid, semi-rigid or flexible metal duct.
- DO NOT connect the dryer exhaust duct to any other duct, vent, chimney, or other exhaust duct.
- Make sure the dryer has adequate access to outside fresh air to ensure proper operation. The opening for outside fresh air must be at least 25 sq. in (163 cm<sup>2</sup>).
- It is important that the clearance of the duct from any combustible construction be at least 2-inch (5 cm), and when venting the dryer to the outdoors, the dryer should be installed with a clearance of at least 1 inch (2.5 cm) at the sides and back of the dryer.
- Please be aware that venting materials are not supplied with the dryer. You must obtain the venting materials necessary for proper installation.

## Final Installation Check

Once you have completed the installation of the dryer and it is in its final location, confirm proper operation with the following tests and Installation Test (Duct Check).

### Testing Dryer Heating

#### GAS MODELS

Close the dryer door and press the **Power** button to turn the dryer on. Press the **Time Dry** and **Start/Pause** buttons to start the test. When the dryer starts, the igniter should ignite the main burner.

#### NOTE

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

#### ELECTRIC MODELS

Close the dryer door and press the **Power** button to turn the dryer on. Press the **Time Dry** and **Start/Pause** buttons to start the test. The exhaust air should be warm after the dryer has been operating for 3 minutes.

### Checking Airflow

Effective dryer operation requires proper airflow. The adequacy of the airflow can be measured by evaluating the static pressure. Static pressure in the exhaust duct can be measured with a manometer, placed on the exhaust duct approximately 2 ft. (60.9 cm) from the dryer. Static pressure in the exhaust duct should not exceed 0.6 inch (1.5 cm). The dryer should be checked while the dryer is running with no load.

### Checking Levelness

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

## Installation Test (Duct Check)

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

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

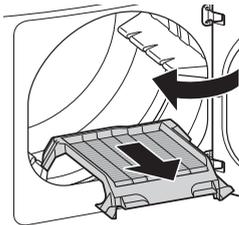
### NOTE

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

### Activating the Installation Test

- 1 Remove the drying rack and literature, and then close the door.**

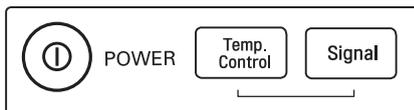
Do not load anything in the drum for this test, as it may affect the accuracy of the results.



- 2 Press and hold the Signal and Temp. Control buttons and then press the Power button.**

(On models with a glass touch control panel, press the **Power** button then IMMEDIATELY press and hold the **Temp. Control** and **Signal** buttons.)

This button sequence activates the installation test. The code **1n5** will display if the activation is successful.



- 3 Press the Start/Pause button.**

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

- 4 Check the display for results.**

During the test cycle, monitor the Flow Sense™ display on the control panel. If no bars are displayed when the cycle ends, the exhaust system is adequate. If the exhaust system is severely restricted, the display will show four bars. Have the system checked immediately, as performance will be poor. Other problems may also be shown with error codes. Refer to the Error Code table for details and solutions.



NO BARS: OK



FOUR BARS: RESTRICTED

- 5 End of cycle.**

At the end of the test cycle, **End** will display. The test cycle will end and the dryer will shut off automatically after a short delay.



**Check the Duct Condition**

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

**NOTE**

- When the dryer is first installed, this test should be performed to alert you to any existing problems with the exhaust duct in your home. However, since the test performed during normal operation provides more accurate information on the condition of the exhaust duct than the installation test, the number of bars displayed during the two tests may not be the same.
- Do not interrupt the test cycle, as this could result in inaccurate results.
- Even if no bars are displayed during the test cycle, some restrictions may still be present in the exhaust system. Refer to the Venting the Dryer section of this manual for complete exhaust system and venting requirements.
- Your dryer features Flow Sense™, an innovative sensing system that automatically detects blockages and restrictions in the dryer ductwork. Keeping ductwork clean of lint buildup and free of restrictions allows clothes to dry faster and reduces energy use.

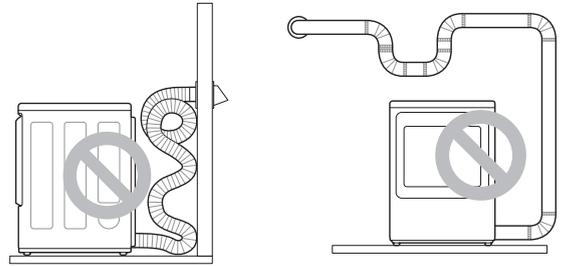
**Error code**

Check the error code before you call for service.

Error Code	Possible Causes	Solutions
tE1 or tE2	Temperature sensor failure.	Turn off the dryer and call for service.
HS	Humidity sensor failure.	Turn off the dryer and call for service.
PS, PF, or nP	Electric dryer power cord is not connected correctly, or house power supply is incorrect.	Check the power supply or the connection of the power cord to the terminal block. Refer to the Connecting Electric Dryers section of this manual for complete instructions.
	House fuse is blown, circuit breaker has tripped, or power outage has occurred.	Reset circuit breaker or replace fuse. Do not increase the fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician.

**Restricted or Blocked Airflow**

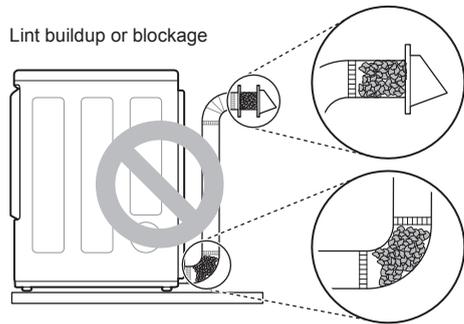
Avoid long runs or runs with multiple elbows or bends.



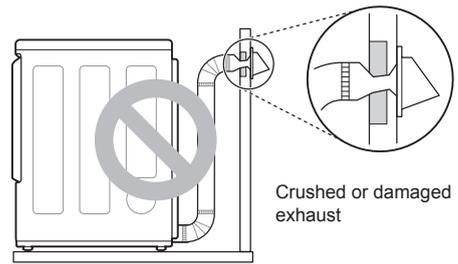
Excess or crushed transition duct

Too many elbows or exhaust too long

Check for blockages and lint buildup.



Make sure the ductwork is not crushed or restricted.

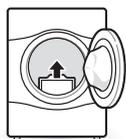


# OPERATION

## ⚠ WARNING

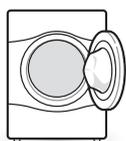
- To reduce the risk of fire, electric shock, or injury to persons, read the SAFETY INSTRUCTIONS before operating this appliance.

## 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.



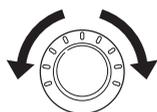
### 2 Load the Dryer

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 cycle LEDs will illuminate and a chime will sound.



### 4 Select a Cycle

Turn the cycle selector knob either direction until the LED for the desired cycle is on. The preset temperature, dry level, and option settings for that cycle will be shown. Default settings for the selected cycle can now be changed if desired. Refer to the Cycle Setting and Options page for details.

#### NOTE

- Not all options or modifiers are available on all cycles. Refer to the Cycle Guide page for default settings and available options. A different chime will sound and the LED will not come on if the selection is not available.



### 5 Begin Cycle

Press the **Start/Pause** button to begin the cycle. The cycle can be paused at any time either by opening the door or by pressing the **Start/Pause** button. If the cycle is not restarted within 4 minutes of being paused, the dryer will shut off and the settings will be lost.



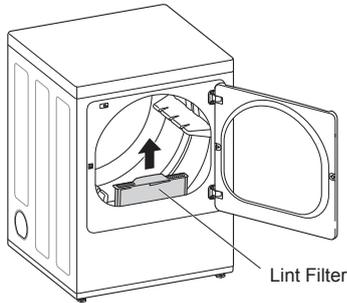
### 6 End of Cycle

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

## Check the Lint Filter Before Every Load

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

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



## Sorting Laundry

### Fabric Care Labels

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

Tumble dry			
	Dry		Gentle/delicate
	Normal		Do not tumble dry
	Permanent Press/ wrinkle resistant		Do not dry (used with do not wash)
Heat setting			
	High		Low
	Medium		No heat/air

## Grouping Similar Items

For best results, sort clothes into loads that can be dried with the same drying cycle.

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

## Loading the Dryer

### WARNING

To reduce the risk of fire, explosion, electric shock, injury to persons, and death when using this appliance, follow basic precautions, including the following:

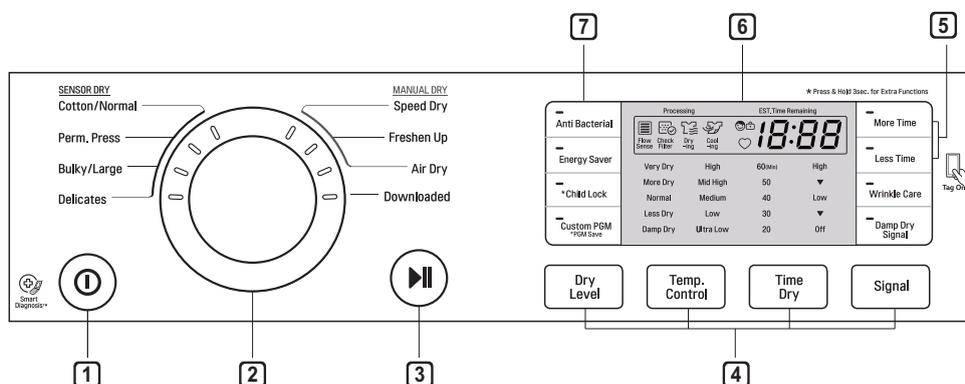
- Check all pockets to make sure that they are empty. Items such as clips, pens, coins, and keys can damage both the dryer and your clothes. Flammable objects such as lighters or matches could ignite, causing a fire.
- Never dry clothes that have been exposed to oil, gasoline, or other flammable substances. Washing clothes will not completely remove oil residues.

### NOTE

#### Loading Tips

- Combine large and small items in the same load.
- Damp clothes will expand as they dry. Do not overload the dryer; clothes require room to tumble and dry properly.
- Close zippers, hooks, and drawstrings to prevent these items from snagging or tangling on other clothes.

## Control Panel



### NOTE

- Model numbers can be found on the cabinet inside the door.

### 1 Power Button

Press the button to turn the dryer ON. Press again to turn the dryer OFF.

### NOTE

- Pressing the **Power** button during a cycle will cancel that cycle and any load settings will be lost.

### 2 Cycle Selector Knob

Turn this knob to select the desired cycle. Once the desired cycle has been selected, the standard presets will be shown in the display. On Manual Dry cycles, these settings can be adjusted using the cycle setting buttons anytime before starting the cycle.

### 3 Start/Pause Button

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

### NOTE

- If you do not press the **Start/Pause** button to resume a cycle within 4 minutes, the dryer turns off automatically and all cycle settings are lost.

### 4 Cycle Modifier Buttons

Use these buttons to select the desired cycle settings for the selected cycle. The current settings are shown in the display. Press the button for that option to view and select other settings.

### 5 More Time/Less Time Buttons

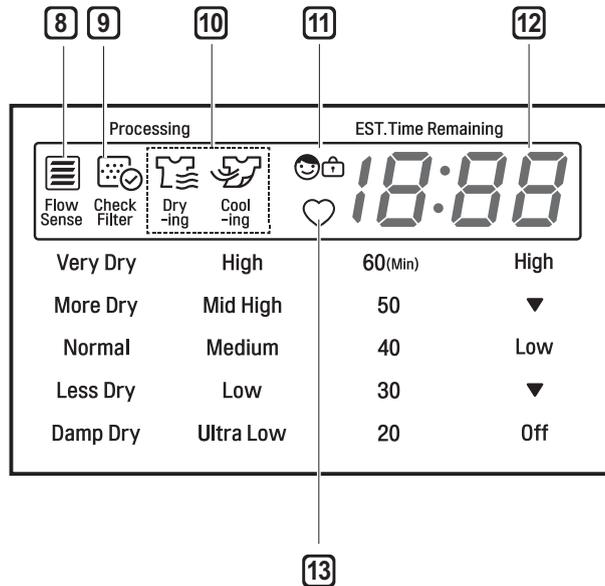
Use these buttons with the Time Dry and other Manual Dry cycles to adjust the drying time. Press the **More Time** button to increase the selected manual cycle time by 1 minute; press the **Less Time** button to decrease the cycle time by 1 minute.

### 6 Time and Status Display

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

### 7 Cycle Option Buttons

Press each of these buttons to select additional cycle options. And press and hold any button marked with an asterisk for 3 seconds to activate a special function.



**8 Flow Sense™ Duct Blockage Sensing System Indicator**

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

**9 Check Filter Reminder**

The display will show Check filter when the dryer is turned on as a reminder to check the filter. It turns off when the **Start/Pause** button is pressed.

**10 Cycle Completion Indicator with Check Filter Reminder**

This portion of the display shows which stage of the drying cycle is currently underway (Check Filter, Drying, Cooling).

**11 Child Lock Indicator**

When Child Lock is set, the Child Lock indicator appears and all buttons are disabled except the **Power** button. This prevents children from changing settings while the dryer is operating.

**12 Estimated Time Remaining**

This display shows the estimated time remaining for Sensor Dry cycles or the actual time remaining for Time Dry or Manual Dry cycles.

**NOTE**

- The cycle time on Sensor Dry cycles may fluctuate as the dryer recalculates drying time for optimal results.

**13 Custom PGM**

If you have a special combination of settings that you use frequently, you can save these settings as a Custom Program.

## Cycle Guide

### Sensor Dry Cycles

Sensor Dry cycles utilize LG's unique dual sensor system to detect and compare the moisture level in clothes and in the air and adjust the drying time as needed to ensure superior results. The dryer automatically sets the dryness level and temperature at the recommended setting for each cycle. The estimated time remaining will be shown in the display.

#### NOTE

- To protect your garments not every dryness level, temperature, or option is available with every cycle. See the Cycle Guide for details.

### Manual Dry Cycles

Use Manual Dry cycles to select a specific amount of drying time and a drying temperature. When a Manual Dry cycle is selected, the Estimated Time Remaining display shows the actual time remaining in your cycle. You can change the actual time in the cycle by pressing the **More Time** or **Less Time** buttons.

#### NOTE

- The Energy Saver option is turned on by default in the Cotton/Normal Cycle. Turn off the Energy Saver option for a faster Normal cycle which begins with heated drying. To turn the Energy Saver default off, press and hold the **Wrinkle Care** button for three seconds. ON or OFF appears in the display.

### NSF Certification

NSF International (formerly the National Sanitation Foundation), certifies that the Anti Bacterial cycle reduces 99.9% of bacteria on laundry, and none of the bacteria will carry over onto the next laundry load.

- The default settings for the Anti Bacterial cycle are High temperature and Very Dry. These default settings cannot be changed.
- Do NOT use this cycle with delicate items or fabrics.



**Protocol P154 Sanitization  
Performance of Residential  
Clothes dryer**

= default setting

● = allowable option

\* = Energy Saver

Cycle	Fabric Type	Dry Level	Temp	Wrinkle Care	Damp Dry Signal	Anti Bacterial
<b>SENSOR DRY</b>						
<b>Cotton/ Normal*</b>	Work clothes, corduroys, etc.	Normal	Medium	●	●	●
		Adj.				
<b>Perm. Press</b>	Permanent press, synthetic items	Normal	Low	●	●	
		Adj.				
<b>Bulky/ Large</b>	Comforters, pillows, shirts	Normal	Medium			
		Adj.				
<b>Delicates</b>	Lingerie, sheets, blouses	Normal	Low	●	●	
		Adj.				
<b>MANUAL DRY</b>						
<b>Speed Dry</b>	For small loads with short drying times	Off	High	●		
			Adj.			
<b>Freshen Up</b>	For removing light wrinkles from clothing	Off	Mid High	●		
			Adj.			
<b>Air Dry</b>	For items that require heat-free drying such as plastics or rubber	Off	No Heat	●		

## Cycle Modifier Buttons

Sensor Dry cycles have preset settings that are selected automatically. Manual Dry cycles have default settings, but you may also customize the settings using the cycle modifier buttons. Press the button for that option to view and select other settings.

### Dry Level

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

- This option is only available with Sensor Dry cycles.
- The dryer will automatically adjust the cycle time. Selecting More Dry or Very Dry will increase the cycle time, while Less Dry or Damp Dry will decrease the cycle time.
- Use a Less Dry or Damp Dry setting for items that you wish to iron.

### Temp. Control

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

### 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. Use the More Time/Less Time buttons to add or reduce the drying time in 1-minute increments.

### Signal

Use this button to adjust the volume of the Signal or turn off the Signal. Press the button repeatedly until the desired volume setting is illuminated.

## Option Buttons

The dryer features several additional cycle options to customize cycles to meet individual needs. Certain option buttons also feature a special function that can be activated by pressing and holding that option button for 3 seconds.

### Adding Cycle Options to a Cycle

- 1 Turn on the dryer and turn the Cycle selector knob to select the desired cycle.
- 2 Use the cycle modifier buttons to adjust the settings for that cycle.
- 3 Press the cycle option button(s) to add the desired options. A confirmation message is shown in the display.
- 4 Press the **Start/Pause** button to start the cycle. The dryer starts automatically.

### Wrinkle Care

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

### Damp Dry Signal

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

### Energy Saver (On Some Models)

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

## Special Functions

Some cycle option buttons also activate secondary functions. These special functions are marked with an asterisk (\*). Press and hold the option button marked with the special function to activate it.

### Child Lock

Use this option to prevent unwanted use of the dryer or to keep cycle settings from being changed while the dryer is operating.

#### Activating the Child Lock Function

Press and hold the **Child Lock** button for 3 seconds.

The Child Lock icon will be shown in the display, and all controls will be disabled except the **Power** button.

#### Deactivating the Child Lock Function

Press and hold the **Child Lock** button for 3 seconds.

Once set, Child Lock remains active until it is manually deactivated. Child Lock must be turned off to run another cycle.

### Custom PGM

Save special combinations of settings that are used frequently as a custom program.

#### Saving a Custom Program

- 1 Turn on the dryer and select the desired settings using the cycle selector knob and cycle modifier or option buttons.
- 2 Press and hold the **Custom PGM** button for three seconds.

#### NOTE

- Only one custom program can be saved at a time. Pressing and holding the **Custom PGM** button will overwrite any previously saved custom program.

#### Recalling a Custom Program

- 1 Turn on the dryer and press the **Custom PGM** button.
- 2 Press the **Start/Pause** button to start the cycle.

### Rack Dry (On Some Models)

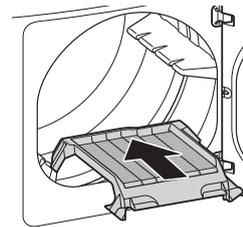
Use the Rack Dry function with items, such as wool sweaters, silk items, and lingerie, that should be dried flat. Rack Dry can also be used with items that should not be tumbled dry, such as gym shoes or stuffed animals.

#### NOTE

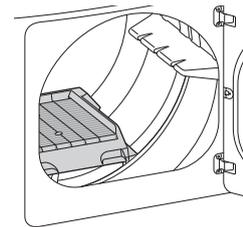
- NEVER tumble dry a load of clothing with the rack installed.
- When the rack is installed, the drum will rotate as usual, but the rack will not move. Make sure all articles to be dried remain completely on the rack and cannot fall off or be pulled off by the turning drum. Be sure to remove the rack after use.

#### Using the Rack Dry Cycle

- 1 With the dryer door open, slide the rack into the dryer drum.



- 2 Make sure it is seated evenly on the edge of the inner door rim and resting flat on the inside of the dryer.



- 3 Place wet items on the rack. Allow space around the items for air to circulate.
- 4 Close the door. Select the **Rack Dry** option if available, or select **Time Dry**.
- 5 Select a low or ultra low temperature setting. If no temperature is selected, the Rack Dry cycle defaults to no heat.

# SMART FUNCTIONS

## Smart ThinQ Application

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

### Installing Smart ThinQ Application

Search for the LG Smart ThinQ application from the Google Play Store on a smart phone. Follow instructions to download and install the application.

### Smart ThinQ Application Features

- For appliances with the  logo
- The Tag On function can only be used with most smart phones equipped with the NFC (Near Field Communication) function and based on the Android OS (operating system).

### Download Cycle

Download new and special cycles that are not included in the basic cycles on the appliance.

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

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

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

### Venting Tips

Provides venting tips.

### Smart Diagnosis™

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

### Settings

Set the product nickname and delete product.

### NOTE

- Press  in the LG Smart ThinQ application for a more detailed guide on how to use the Tag On function.
- The location of the smartphone's NFC module may vary depending on the phone, and NFC use may be restricted on some smartphones due to differences in transmission methods. Because of the characteristics of NFC, if the transmission distance is too far, or if there is a metal sticker or a protective case on the phone, transmission will not be good. In some cases, NFC-equipped phones may be unable to transmit successfully.
- The content found in this manual may differ from the current version of the LG Smart ThinQ application, and the software may be modified without informing customers.
- NFC function would vary depending on smart phones.

## Smart Diagnosis™ Function

Should you experience any problems with the appliance, it has the capability of transmitting data via your telephone to the LG Customer Information Center. NFC or Wi-Fi equipped models can also transmit data to a smartphone using the LG Smart ThinQ application.

### Smart Diagnosis™ through the Customer Information Center

- For appliances with the  or  logo

This method allows you to speak directly to our trained specialists. The specialist records the data transmitted from the appliance and uses it to analyze the issue, providing a fast and effective diagnosis.

- 1 Call the LG Electronics Customer Information Center at:  
(LG U.S.A.) 1-800-243-0000  
(LG Canada) 1-888-542-2623
- 2 When instructed to do so by the call center, place the mouthpiece of the phone close to the Smart Diagnosis™ icon. Do not press any other buttons.
- 3 Press and hold the **Temp. Control (Temp.)** button for 3 seconds.
- 4 Keep the phone in place until the tone transmission has finished.
- 5 Once the countdown is over and the tones have stopped, resume your conversation with the call center agent, who will then be able to assist you using the information transmitted for analysis.

#### NOTE

- Smart Diagnosis™ cannot be activated unless the appliance can be turned on using the **Power** button. If the appliance cannot be turned on, troubleshooting must be done without using Smart Diagnosis™.
- For best results, do not move the phone while the tones are being transmitted.
- If the call center agent is not able to get an accurate recording of the data, you may be asked to try again.
- The Smart Diagnosis™ function depends on the local call quality.
- Bad call quality may result in poor data transmission from your phone to the call center, which could cause Smart Diagnosis™ to malfunction.

## Smart ThinQ Smart Diagnosis™

- For appliances with the  or  logo

Use the Smart Diagnosis feature in the Smart ThinQ application for help diagnosing issues with the appliance without the assistance of the LG Customer Information Center.

Follow the instructions in the Smart ThinQ application to perform a Smart Diagnosis using your smartphone.

#### NOTE

- Smart Diagnosis™ cannot be activated unless the appliance can be turned on using the **Power** button. If the appliance cannot be turned on, troubleshooting must be done without using Smart Diagnosis™.

# MAINTENANCE

## Regular Cleaning

### WARNING

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

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

### Cleaning the Exterior

Proper care of your dryer can extend its life. The outside of the machine 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 Dryer

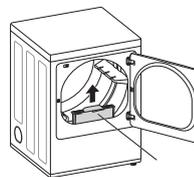
Vacuum lint and dust from around the dryer and underneath it regularly. Vent ductwork should be checked for lint buildup and cleaned at least once per year. If any noticeable reduction in airflow or drying performance occurs, immediately check ductwork for obstructions and blockages.

### Maintaining Ductwork

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

### Cleaning the Lint Filter

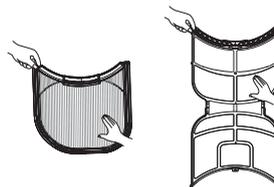
Always clean the lint from the filter after every cycle.



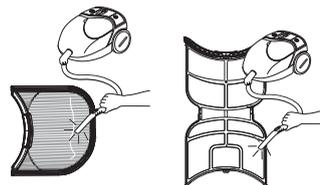
Lint Filter

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

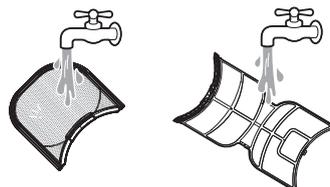
- 1 For everyday cleaning, roll any lint off the filter with your fingers, or



- 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 dryer without the lint filter in place.

# TROUBLESHOOTING

## FAQs: Frequently Asked Questions

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

A: The Child Lock feature is turned on. To turn off Child Lock, turn the dryer on, then press and hold the button that has **\*Child Lock** on or under it for 3 seconds.

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

A: Proper airflow is critical to the efficient operation of clothes dryers. A lint filter which is full of lint or clogged with fabric softener sheet residue can reduce the airflow to the point that the time required to dry clothing will be greatly increased. Another factor affecting dry time is your home exhaust system. An exhaust system which is dirty and clogged with lint, or is excessively long, needs to be professionally cleaned or repaired.

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

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

## User Support Videos

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

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



Scan this QR code to quickly access the video search page on the LG website. Once there, type **Dryer** in the search box.

## Before Calling for Service

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

### Operation

Problem	Possible Cause	Solutions
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.	<ul style="list-style-type: none"> <li>• If the Flow Sense™ indicator remains active for more than five cycles after the restriction has been cleared, call for service.</li> </ul>
Dryer will not turn on	Power cord is not properly plugged in.	<ul style="list-style-type: none"> <li>• Make sure that the plug is securely plugged into a grounded outlet matching the dryer's rating plate.</li> </ul>
	House fuse is blown, circuit breaker has tripped, or power outage has occurred.	<ul style="list-style-type: none"> <li>• Reset circuit breaker or replace fuse. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician.</li> </ul>
Dryer does not heat	House fuse is blown, circuit breaker has tripped, or power outage has occurred.	<ul style="list-style-type: none"> <li>• Reset circuit breaker or replace fuse. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician.</li> <li>• NOTE: Due to the design of electric dryers, it is possible for a circuit problem to allow an electric dryer to run without heat.</li> </ul>
	Gas supply or service is turned off.	<ul style="list-style-type: none"> <li>• Confirm that the house gas shutoff and the dryer gas shutoff valves are both fully open. Even if gas is not supplied to the dryer, it will run and no error codes will display. Verify that other gas appliances in the home are working normally.</li> </ul>
	Energy Saver option selected (on some models)	<ul style="list-style-type: none"> <li>• If using the Cotton/Normal cycle, deselect the energy saver option. The Energy Saver option 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.</li> </ul>
Clothes take too long to dry	Exhaust ducts are blocked, dirty, or duct run is too long.	<ul style="list-style-type: none"> <li>• Confirm that the exhaust duct is properly configured and free of debris, lint, and obstructions. Make sure that outside wall dampers can open properly and are not blocked, jammed, or damaged.</li> </ul>
	Load is not properly sorted.	<ul style="list-style-type: none"> <li>• Separate heavy items from lightweight items. Larger and heavier items take longer to dry. Light items in a load with heavy items can fool the sensor because the light items dry faster.</li> </ul>

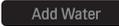
Problem	Possible Cause	Solutions
<b>Clothes take too long to dry</b>	<b>Large load of heavy fabrics.</b>	<ul style="list-style-type: none"> <li>• Heavy fabrics take longer to dry because they tend to retain more moisture. To help reduce and maintain more consistent drying times for large and heavy fabrics, separate these items into smaller loads of a consistent size.</li> </ul>
	<b>Dryer controls are not set properly.</b>	<ul style="list-style-type: none"> <li>• Use the appropriate control settings for the type of load you are drying. Some loads may require an adjustment of the dry level setting for proper drying.</li> </ul>
	<b>Lint filter needs to be cleaned.</b>	<ul style="list-style-type: none"> <li>• Remove the lint from the filter before every load. With the lint removed, hold the filter up to a light to see if it is dirty or clogged. With some loads that produce high amounts of lint, such as new bath towels, it may be necessary to pause the cycle and clean the filter during the cycle.</li> </ul>
	<b>House fuse is blown, circuit breaker has tripped, or power outage has occurred.</b>	<ul style="list-style-type: none"> <li>• Reset circuit breaker or replace fuse. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician.</li> <li>• NOTE: Due to the design of electric dryers, it is possible for a circuit problem to allow an electric dryer to run without heat.</li> </ul>
	<b>Dryer is overloaded.</b>	<ul style="list-style-type: none"> <li>• Divide extra large loads into smaller loads for better drying performance and efficiency.</li> </ul>
	<b>Dryer is underloaded.</b>	<ul style="list-style-type: none"> <li>• If you are drying a very small load, add a few extra items to ensure proper tumbling action. If the load is very small and you are using Sensor Dry cycles, the electronic control cannot properly sense the dryness of the load and may shut off too soon. Use TIME DRY or add some extra wet clothes to the load.</li> </ul>
	<b>Energy Saver option selected (on some models)</b>	<ul style="list-style-type: none"> <li>• If using the Cotton/Normal cycle, deselect the Energy Saver option. This option reduces energy use by adding an air dry section to the beginning of the cycle.</li> </ul>
<b>Drying time is not consistent</b>	<b>Heat settings, load size, or dampness of clothing is not consistent.</b>	<ul style="list-style-type: none"> <li>• The drying time for a load will vary depending on the type of heat used (electric, natural gas, or LP gas), the size of the load, the type of fabrics, the wetness of the clothes, and the condition of the exhaust duct and lint filter. Even an unbalanced load in the washer can cause poor spinning, resulting in wetter clothes which will take longer to dry.</li> </ul>

## Performance

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

Problem	Possible Cause	Solutions
<p><b>Excess static in clothes after drying</b></p>	<p><b>Fabric softener is not used or used incorrectly.</b></p>	<ul style="list-style-type: none"> <li>• Use a fabric softener or the STATIC SHIELD option, if equipped, to reduce static electricity. Be sure to follow the manufacturer's instructions.</li> </ul>
	<p><b>Clothes dried too long (overdried).</b></p>	<ul style="list-style-type: none"> <li>• Overdrying a load of laundry can cause a buildup of static electricity. Adjust settings and use a shorter drying time, or use AUTO DRY cycles. Select a LESS DRY setting on Sensor Dry cycles, if necessary.</li> </ul>
	<p><b>Drying synthetics, permanent press, or synthetic blends.</b></p>	<ul style="list-style-type: none"> <li>• These fabrics are naturally more prone to static buildup. Try using fabric softener, or use LESS DRY and/or shorter TIME DRY time settings.</li> </ul>
<p><b>Clothes have damp spots after a Sensor Dry cycle.</b></p>	<p><b>Very large load or very small load. Single large item such as a blanket or comforter.</b></p>	<ul style="list-style-type: none"> <li>• If items are too tightly packed or too sparse the sensor may have trouble reading the dryness level of the load. Use a Time Dry cycle for very small loads.</li> <li>• Large, bulky items such as blankets or comforters can sometimes wrap themselves into a tight ball of fabric. The outside layers will dry and register on the sensors, while the inner core remains damp. When drying a single bulky item, it may help to pause the cycle once or twice and rearrange the item to unwrap and expose any damp areas.</li> <li>• To dry a few remaining damp items from a very large load or a few damp spots on a large item after a sensor cycle has completed, empty the lint trap, then set a Time Dry cycle to finish drying the item(s).</li> </ul>

## Error Codes

Problem	Possible Cause	Solutions
Error code: tE1 through tE7	Temperature sensor failure.	<ul style="list-style-type: none"> <li>• Turn off the dryer and call for service.</li> </ul>
Display shows error code: PS	Power cord is connected incorrectly.	<ul style="list-style-type: none"> <li>• Check the connection of the power cord to the terminal block.</li> </ul>
<p>*Flow Sense™ indicator shows four bars during the drying cycle or the display shows "d80" after drying</p> <p>* 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.</p>	Exhaust system is too long or has too many turns/ restrictions.	<ul style="list-style-type: none"> <li>• Install a shorter or straighter duct run. See the Installation Instructions for details.</li> </ul>
	Partial blockage of the ductwork due to lint buildup or other foreign object.	<ul style="list-style-type: none"> <li>• Ductwork should be checked/cleaned immediately. Dryer can be used in this condition, but drying times will be longer and energy consumption will increase.</li> </ul>
	The appliance has detected a restriction in the external dryer venting.	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
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.	<ul style="list-style-type: none"> <li>• If the Flow Sense™ indicator remains active for more than five cycles after the restriction has been cleared, call for service.</li> </ul>
 indicator light is on during the drying cycle	Water supply error.	<ul style="list-style-type: none"> <li>• Check steam feeder drawer:               <ol style="list-style-type: none"> <li>(1) Make sure the steam feeder is filled with water to the MAX line.</li> <li>(2) Make sure the steam feeder is seated properly and the drawer is fully closed.</li> <li>(3) Turn the dryer off then restart the STEAM CYCLE.</li> </ol>               Do not use distilled water; the water level sensor in the steam generator will not work. Pump not working. Unplug dryer and call for service.             </li> </ul>
The display shows <i>bt 9</i>	More Time button was pressed.	<ul style="list-style-type: none"> <li>• This display indicates that the steam option has been set for a "big" item such as a comforter. Press the <b>Less Time</b> button to reduce the indicated load size.</li> </ul>

Problem	Possible Cause	Solutions
<p><i>Add</i> indicator light is on during the drying cycle</p>	<p><b>Water supply error.</b></p>	<ul style="list-style-type: none"> <li>• Check steam feeder drawer:               <ol style="list-style-type: none"> <li>(1) Make sure the steam feeder is filled with water to the MAX line.</li> <li>(2) Make sure the steam feeder is seated properly and the drawer is fully closed.</li> <li>(3) Turn the dryer off then restart the STEAM CYCLE.</li> </ol> </li> <li>Do not use distilled water; the water level sensor in the steam generator will not work.</li> </ul>
	<p><b>Pump not working.</b></p>	<ul style="list-style-type: none"> <li>• Unplug dryer and call for service.</li> </ul>
<p>The display shows</p> 	<p><b>The duct work is about 90%-95% blocked. (“d90” or “d95” error code is displayed for 2 hours only)</b></p>	<ul style="list-style-type: none"> <li>• Do not use the dryer until the exhaust system has been cleaned and/or repaired. Using the dryer with a severely restricted exhaust is dangerous and could result in a fire or other property damage. Check the outside dryer vent while the dryer is operating to make sure there is strong airflow. If the exhaust system is extremely long, have it repaired or rerouted.</li> </ul>
	<p><b>House exhaust system blocked.</b></p>	<ul style="list-style-type: none"> <li>• Keep the area around the dryer clean and free of clutter. Check vent hood for damage or lint clogging. Make sure the area around the vent hood is clear.</li> </ul>
 <p>indicator light is on during the drying cycle</p>	<p><b>Lint filter not cleaned properly.</b></p>	<ul style="list-style-type: none"> <li>• Remove the lint from the filter before every load. With the lint removed, hold the filter up to a light to see if it is dirty or clogged. 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.</li> </ul>

# WARRANTY

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

Warranty Period	Scope of Warranty	HOW SERVICE IS HANDLED
One (1) year from date of original retail purchase	Parts and Labor	LG will provide parts and labor to repair or replace defective parts.
Ten (10) years from date of original retail purchase	Dryer drum	10 years warranty on Dryer Drum, including parts & labor.

- Replacement products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
- Replacement products and parts may be new or remanufactured.

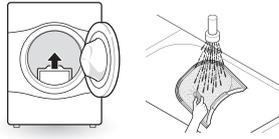
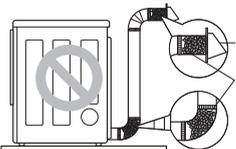
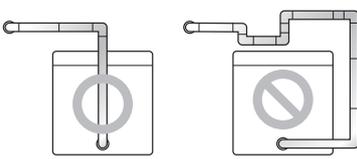
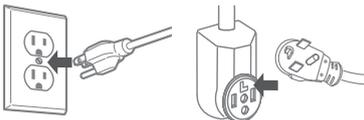
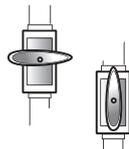
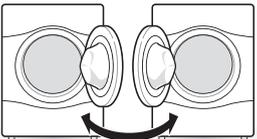
**THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. NEITHER THE MANUFACTURER NOR ITS U.S. DISTRIBUTOR SHALL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION, LOST REVENUES OR PROFITS, OR ANY OTHER DAMAGE WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE.**

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

## **THIS LIMITED WARRANTY DOES NOT COVER:**

- Service trips to deliver, pick up, or install or repair the product; instruction to the customer on operation of the product; repair or replacement of fuses or correction of wiring or plumbing, or correction of unauthorized repairs/installation.
- Failure of the product to perform during power failures and interrupted or inadequate electrical service.
- Damage caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.
- Damage resulting from operating the product in a corrosive atmosphere or contrary to the instructions outlined in the product’s owner’s manual.
- Damage to the product caused by accidents, pests and vermin, lightning, wind, fire, floods, or acts of God.
- Damage or failure caused by unauthorized modification or alteration, or if it is used for other than the intended purpose, or any water leakage where the unit was not properly installed.
- Damage or failure caused by incorrect electrical current, voltage, or plumbing codes, commercial or industrial use, or use of accessories, components, or consumable cleaning products that are not approved by LG.
- Damage caused by transportation and handling, including scratches, dents, chips, and/or other damage to the finish of your product, unless such damage results from defects in materials or workmanship and is reported within one (1) week of delivery.
- Damage or missing items to any display, open box, discounted, or refurbished product.

- Products with original serial numbers that have been removed, altered, or cannot be readily determined. Model and serial numbers, along with original retail sales receipts, are required for warranty validation.
- Increases in utility costs and additional utility expenses.
- Repairs when your product is used for other than normal and usual household use (e.g. commercial use, in offices and recreational facilities) or contrary to the instructions outlined in the product's owner's manual.
- Costs associated with removal of your product from your home for repairs.
- The removal and reinstallation of the product if it is installed in an inaccessible location or is not installed in accordance with published installation instructions, including LG's owner's and installation manuals.
- Damage resulting from misuse, abuse, improper installation, repair, or maintenance. Improper repair includes use of parts not approved or specified by LG.

Filter is clogged.	➔		Clean the lint filter.
Not heating, long dry time			
Duct is clogged.	➔		Clean the hood and duct.
Not heating, long dry time			
Excessive duct length and/or multiple elbows	➔		Keep exhaust ducts as short as possible, using as few elbows and bends as possible.
Not heating, long dry time			
Improperly connected power cord or electrical outlet issue.	➔		Reconnect power cord, replace house fuse or reset breaker. If outlet is issue, electrician may be required.
No Power Not Heating			
Gas valve is not turned on. (Gas Dryer)	➔		Open the gas valve.
Not heating			
Door Reversal	➔		Instructions for door reversal can be found in the owner's manual.

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

TO OBTAIN WARRANTY SERVICE AND ADDITIONAL INFORMATION

For additional product information, visit the LG website at <http://www.lg.com>

For assistance using this product or to schedule service, contact LG Electronics at 1-800-243-0000.

For further assistance, write: LG Electronics, 201 James Record Road, Huntsville, Alabama 35813



LG Customer Information Center

For inquiries or comments,  
visit [www.lg.com](http://www.lg.com) or call:

**1-800-243-0000** U.S.A.

**1-888-542-2623** CANADA

Register your product Online!

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