PRODUCT OVERVIEW

Parts

Control panel

Lint filter

Leveling feet

Reversible door

Power Cord (gas models)

Gas connection (gas models)

Terminal Block Access Panel (electric models)

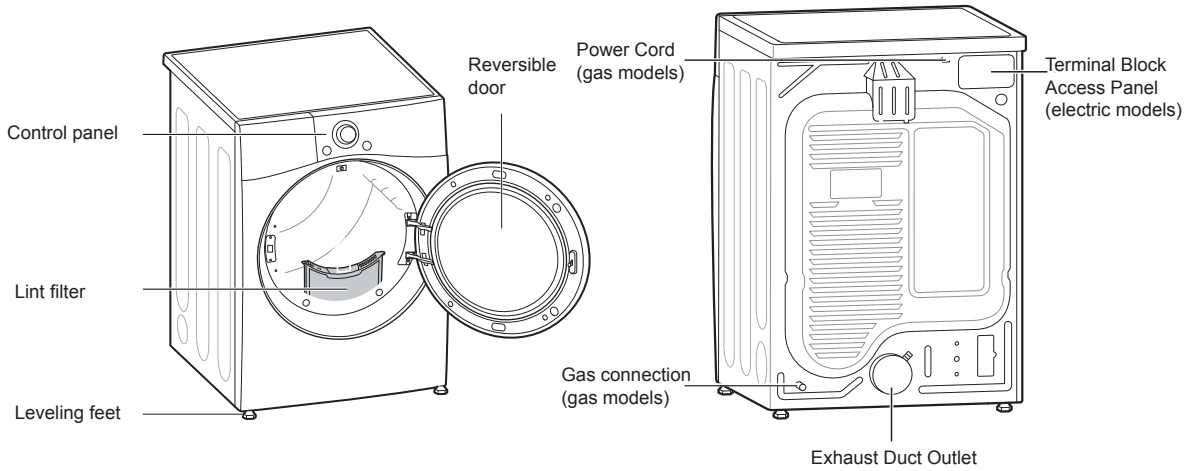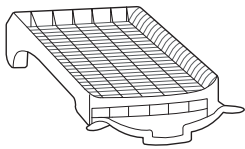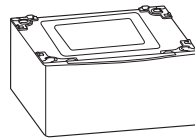Exhaust Duct Outlet

Accessories

Included Accessories

Optional Accessories

Drying Rack
(on some models)

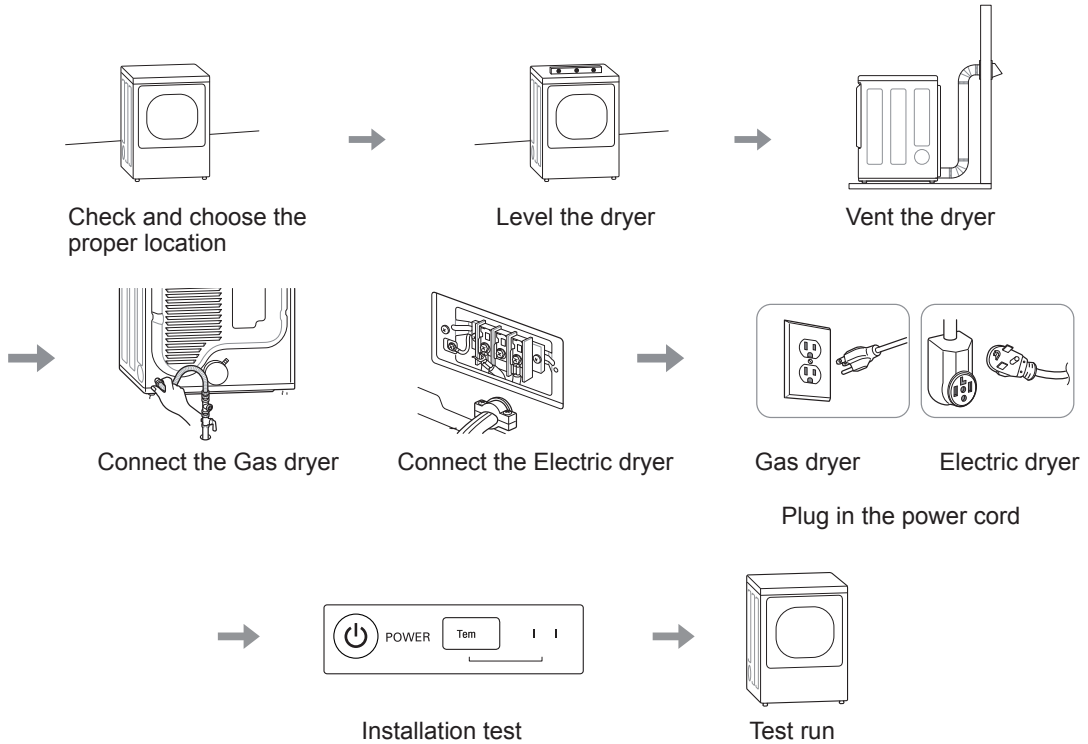Pedestal (sold separately)

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 which 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.

Check and choose the proper location

Level the dryer

Vent the dryer

Connect the Gas dryer

Connect the Electric dryer

Gas dryer   Electric dryer

Plug in the power cord

POWER   Tem

Installation test   Test run

Product Specifications

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

Dryer Models		DLE3500*/ DLG3501*	DLEX3700* / DLGX3701*	DLEX3900* / DLGX3901*
Description		Non-steam Dryer	Steam Dryer	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 lb (56.6 kg) - 137.5 lb (62.4 kg) Electric : 122.0 lb (55.3 kg) - 134.1 lb (60.8 kg)		
Drying capacity	Steam Cycle	-	IEC 7.4 cu.ft. (8 lb/3.6 kg)	
	Normal Cycle	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

Closet Door
Vent Requirements
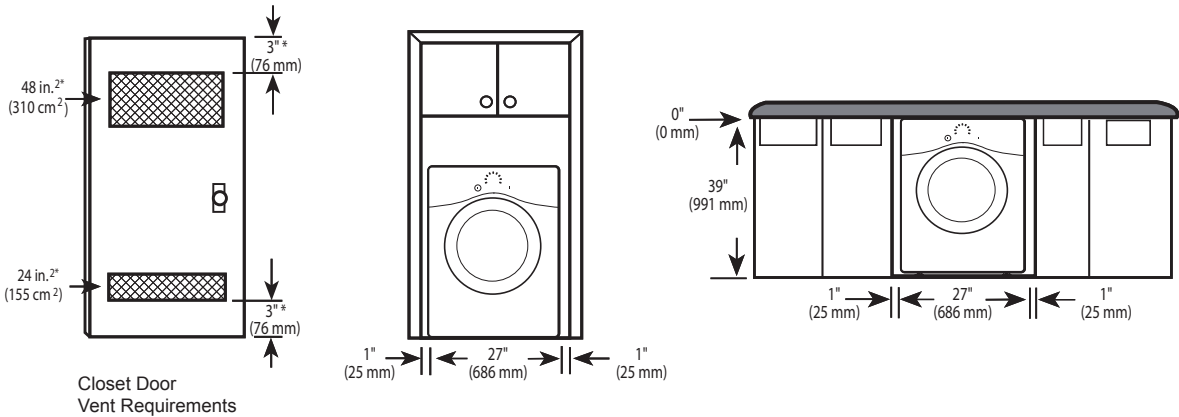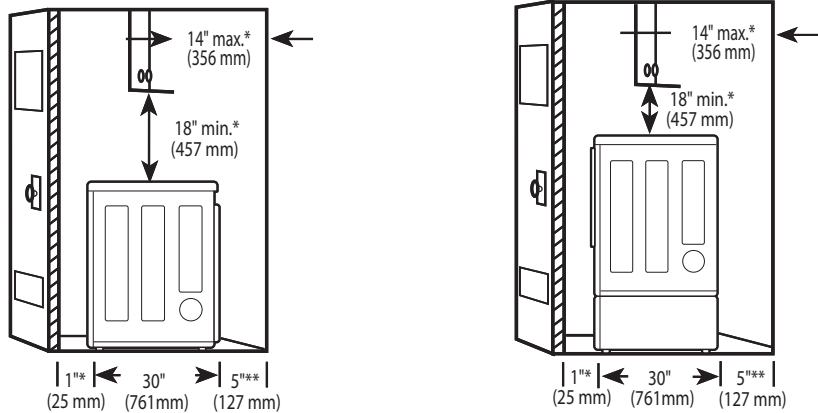
Installation Spacing for Recessed Area or Closet Installation

The following clearances 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.
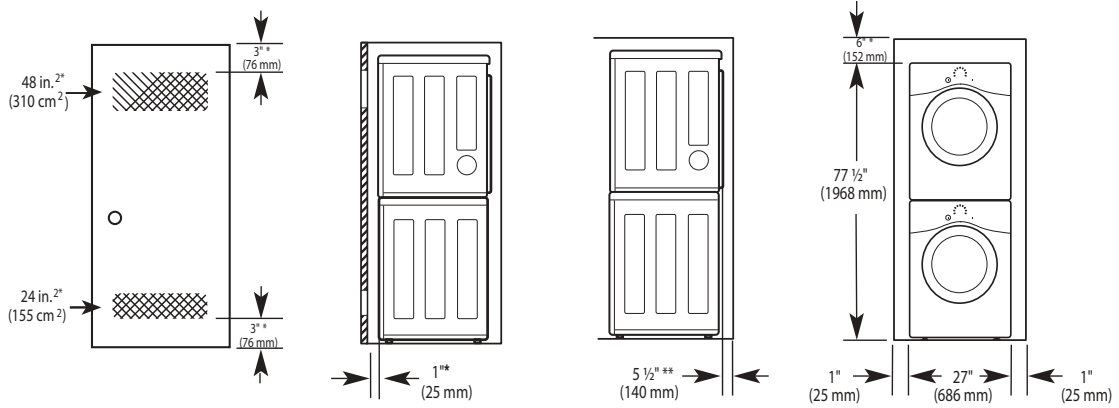
Closet Ventilation Requirements

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^2) 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^2) must be installed no more than one foot above the floor. Install vent grills in the door or cut down the door at the top and bottom to form openings. Louvered doors with equivalent ventilation openings are also acceptable.

NOTE
• There should be at least a little space around the 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
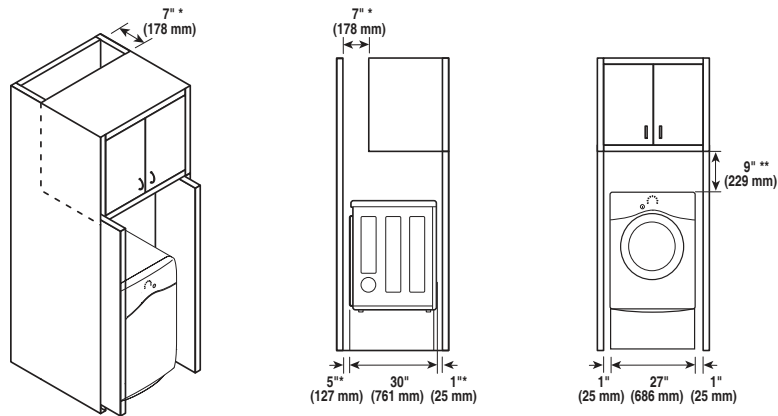
48 in.² * (310 cm²)

24 in.² * (155 cm²)

3" * (76 mm)

3" * (76 mm)

1" * (25 mm)

5 ½" ** (140 mm)

6" * (152 mm)

77 ½" (1968 mm)

1" (25 mm)

27" (686 mm)

1" (25 mm)

* 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

7" * (178 mm)

7" * (178 mm)

9" ** (229 mm)

5" * (127 mm)

30" (761 mm)

1" * (25 mm)

1" (25 mm)

27" (686 mm)

1" (25 mm)

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.


Level
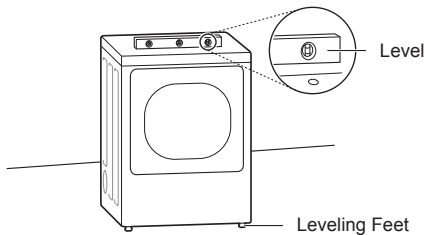
Leveling Feet

- 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.
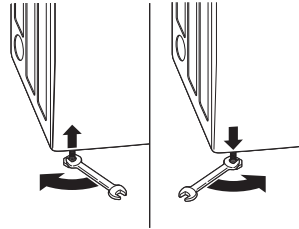
Reversing the Door

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.
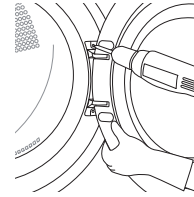
⚠ WARNING

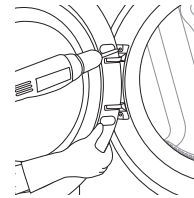- Be sure to support the weight of the door before removing the hinge screws.

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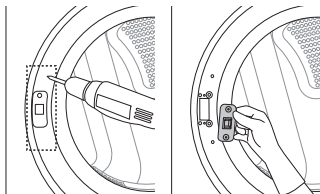
**2** While supporting the door, remove the 2 screws on the door hinge. Remove the door.

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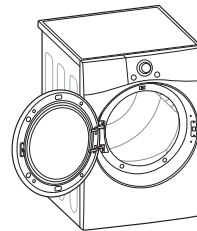

⚠ WARNING

- Be sure to support the weight of the door before 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.
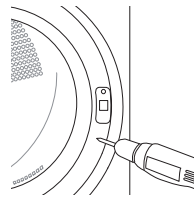
5 Check that the door closes properly.

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.


Retaining Screw
Rear Exhaust Duct
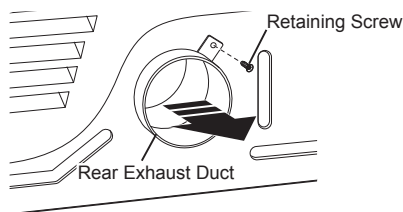
Option 1: Side Venting

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.
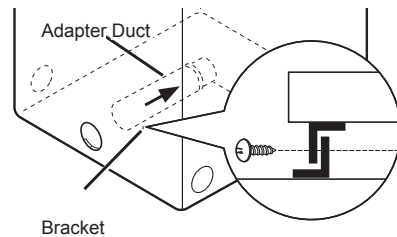

Adapter Duct
Bracket
Knockout
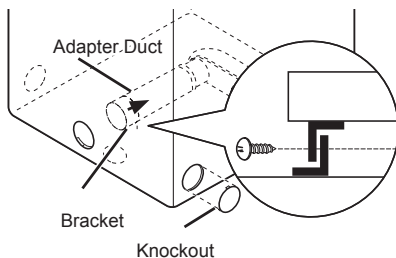
3 Preassemble a 4-inch (10.2 cm) elbow to the next 4-inch (10.2 cm) duct section, and secure all joints with duct tape. Be sure that the male end of the elbow faces AWAY from the dryer. Insert the elbow/duct assembly through the side opening and press it onto the adapter duct. Secure it in place with 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.

Cover Plate
Elbow
1½" (38 mm)
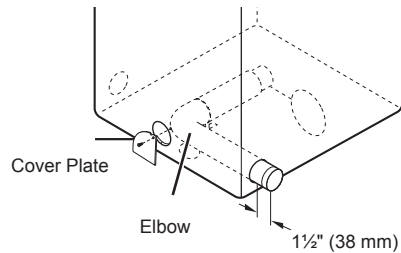
Option 2: Bottom Venting

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

Adapter Duct
Bracket

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.

Cover Plate
Elbow
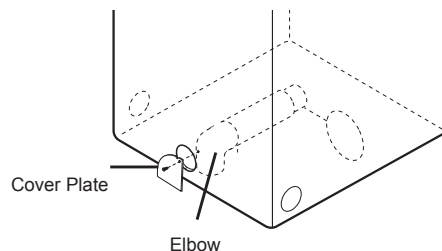
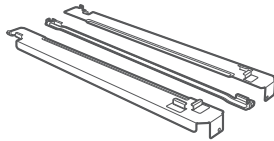# Stacking the Dryer

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.
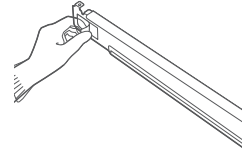
2 Fit the side bracket to the side of the washer top as shown in the below illustration. Firmly press the adhesive area of the bracket to the washer surface. Secure the side bracket to the washer with a screw on the back side of the bracket. Repeat steps 1 and 2 to attach the other side bracket.
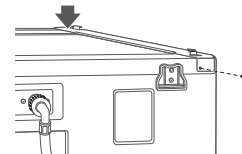
3 Place the dryer on top of the washer, fitting the dryer feet into the side brackets as illustrated. Avoid finger injuries; do not allow fingers to be pinched between the washer and dryer.

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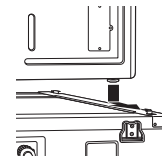
4 Insert the front rail between the bottom of the dryer and the top of the washer. Push the front rail toward the back of the washer until it comes in contact with the side rail stoppers.

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

ENGLISH
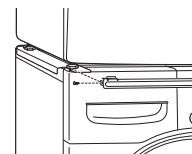
Venting the Dryer

⚠ 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.
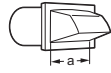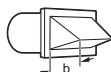- To reduce the risk of fire, DO NOT exhaust the dryer with plastic or thin foil ducting.
- The exhaust duct must be 4-inch (10.2 cm) in diameter with no obstructions. The exhaust duct should be kept as short as possible. Make sure to clean any old ducts before installing your new dryer.
- Rigid, semi-rigid 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
Recommended	0	65 ft.(19.8 m)
	1	55 ft.(16.8 m)
	2	47 ft.(14.3 m)
	3	36 ft.(11.0 m)
a: 4" (10.2 cm)	4	28 ft.(8.5 m)
Use only for short run installations	0	55 ft.(16.8 m)
	1	47 ft.(14.3 m)
	2	41 ft.(12.5 m)
	3	30 ft.(9.1 m)
b: 2.5" (6.35 cm)	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
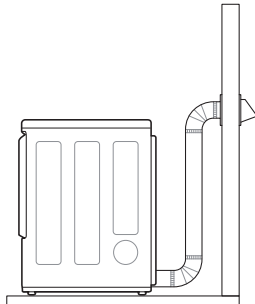
Incorrect Venting
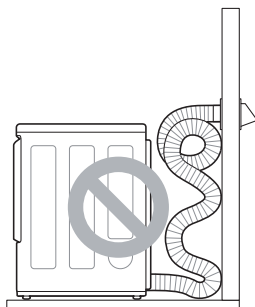
Connecting Gas Dryers

⚠ 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.

3/8" NPT gas Connection

1/8" NPT Pipe Plug

AGA/CSA-Certified Stainless Steel Flexible Connector

Gas Supply Shutoff Valve
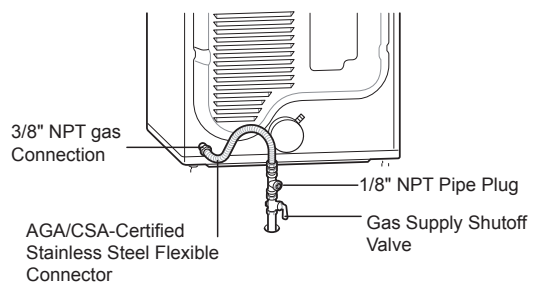
High-Altitude Installations

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

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

Connecting Electric Dryers

⚠ WARNING

To reduce the risk of fire or explosion, electric shock, property damage, injury to persons, or death when using this appliance, 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.
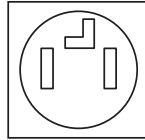
2 Install a UL-listed strain relief into the power cord through-hole.

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

Terminal Block

UL-Listed Strain Relief

UL-Listed 4-Wire Power Cord
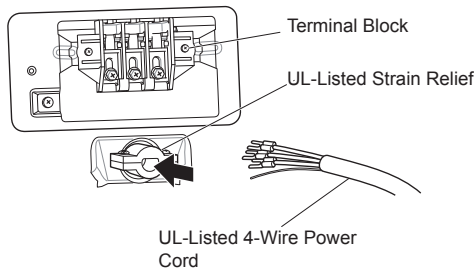
4 Transfer the dryer's ground wire from behind the green ground screw to the center screw of the terminal block.

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.

Hot (Black)   Neutral (White)

Hot (Red)

Ground Screw

hite Wire moved from Ground Screw

Power Cord Ground Wire
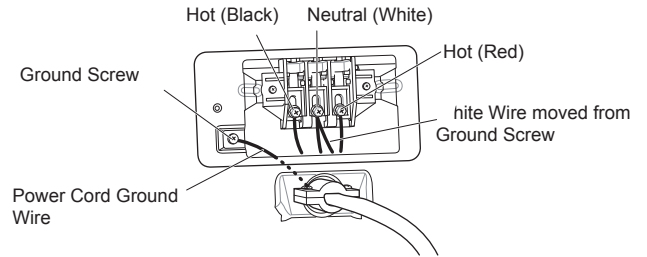
Four-Wire Direct Wire

- 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.

1" (2.5 cm)

Ground Wire

5" (12.7 cm)

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.

Terminal Block

UL-Listed Strain Relief

UL-Listed 4-Wire Power Cord
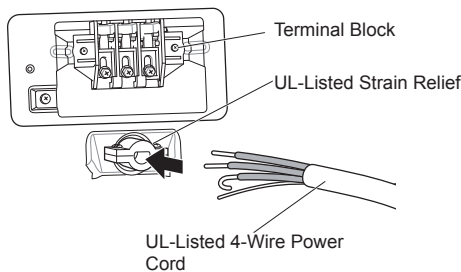
5 Transfer the dryer's ground wire from behind the green ground screw to the center screw of the terminal block.

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.

Hot (Black)   Neutral (White)

Ground Screw

Hot (Red)

White Wire moved from Ground Screw

Power Cord Ground Wire

ENGLISH

Three-Wire Power Cord

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

- A UL-listed strain relief is required.

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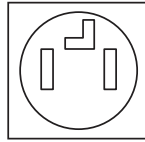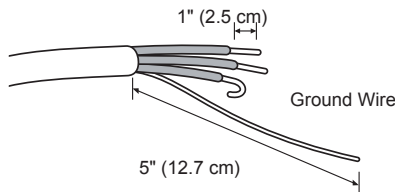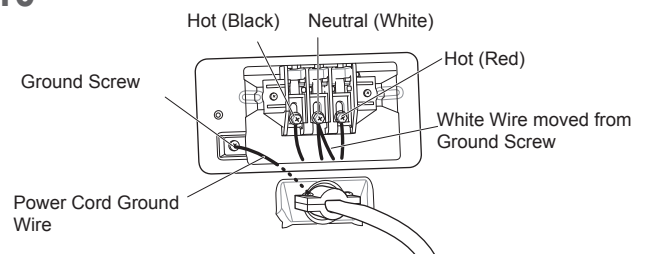
1 Remove the terminal block access cover on the upper back of the dryer.
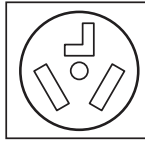
2 Install a UL-listed strain relief into the power cord through-hole.

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

Terminal Block

UL-Listed Strain Relief

UL-Listed 3-Wire Power Cord

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

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

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

7 Tighten all screws securely.

8 Reinstall the terminal block access cover.

Hot (Black)   Neutral (White)

Hot (Red)

Ground Screw

White Wire from Dryer harness

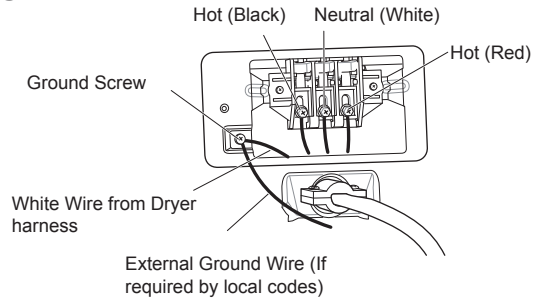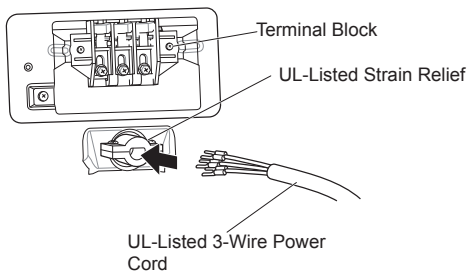External Ground Wire (If required by local codes)

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.

1" (2.5 cm)

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.

Terminal Block

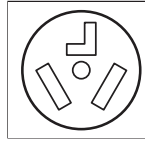UL-Listed Strain Relief

UL-Listed 3-Wire Power Cord

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

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

7 Connect the external ground (if required by local codes) to the green ground screw.
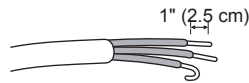
8 Tighten all screws securely.

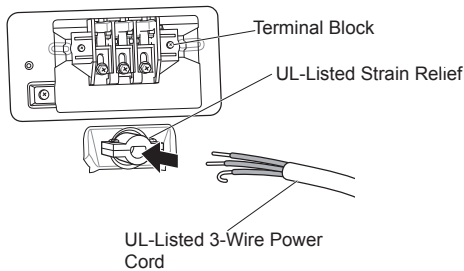**9** Reinstall the terminal block access cover.

Hot (Black) Neutral (White)

Ground Screw

Hot   e

White Wire from Dryer harness

External Ground Wire (If required by local codes)
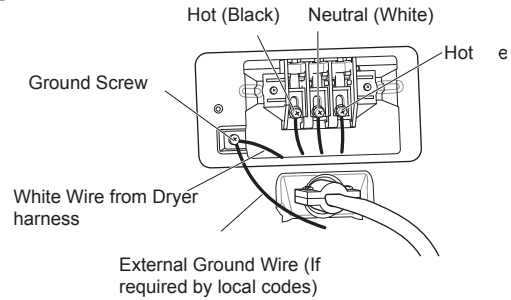
Special Electrical Requirements

(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 cm²).

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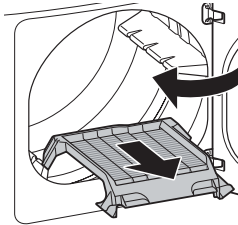
NOTE
- The dryer should be cool before starting this test. If the dryer was warmed up during installation, run the Air Dry cycle for a few minutes to reduce the interior temperature.

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. 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.** and **Signal** buttons.)

This button sequence activates the installation test. The code $In5$ will display if the activation is successful.
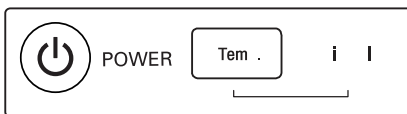
3 **Press the START/PAUSE button.**

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

4 **Check the display for results.**

During the test cycle, monitor the Flow Sense™ display on the control panel. If the Flow Sense™ LED is not turned on, when the cycle ends, the exhaust system is adequate. If the exhaust system is severely restricted, the Flow Sense™ LED will be turned on. Other problems may also be shown with error codes. See the chart below for error code details and solutions.

Flow
Sensi

LED; turned on :
RESTRICTED

The Flow Sense™ LED indicates that the exhaust system is severely restricted. Have the system checked immediately, as performance will be poor.

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 Codes

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.
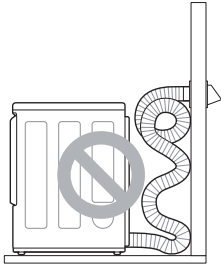
Excess or crushed transition duct
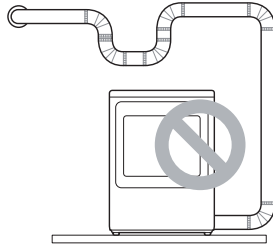
Too many elbows or exhaust too long

Check for blockages and lint buildup.

Lint buildup or blockage

Make sure the ductwork is not crushed or restricted.

Crushed or damaged exhaust

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.
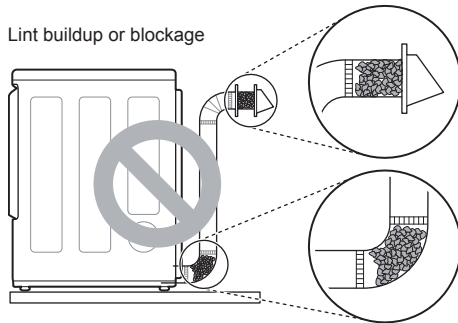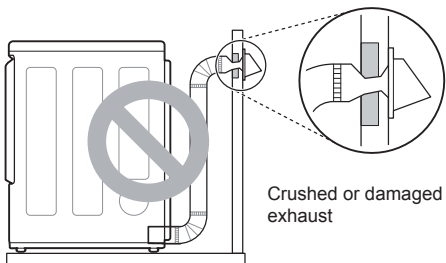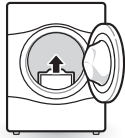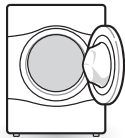
2   **Load the Dryer**

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.

Lint Filter
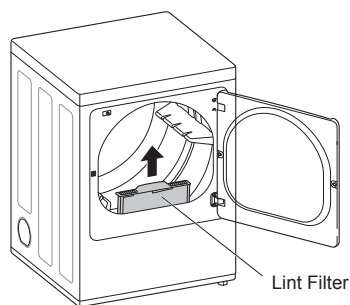
Sorting Laundry

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

Non-Steam Models (DLE3500*, DLG3501*)
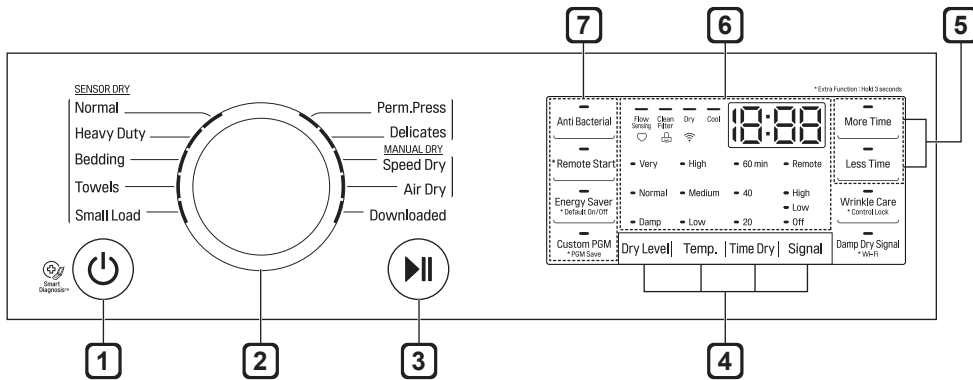
Steam Models (DLEX3700*, DLGX3701*)
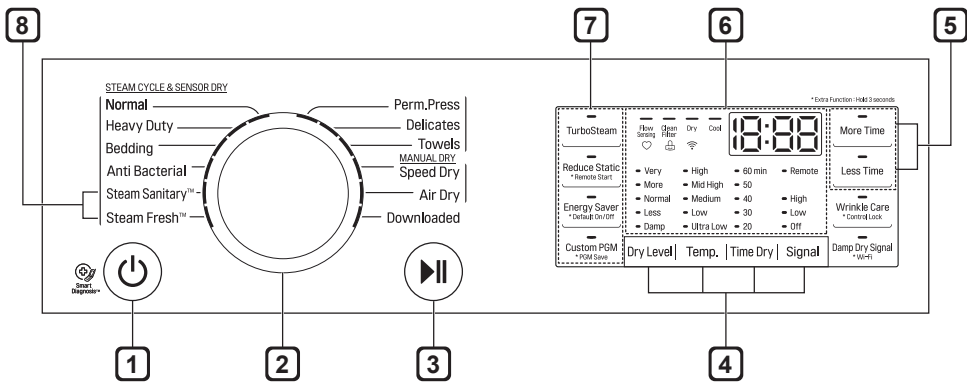
Steam Models (DLEX3900*, DLGX3901*)
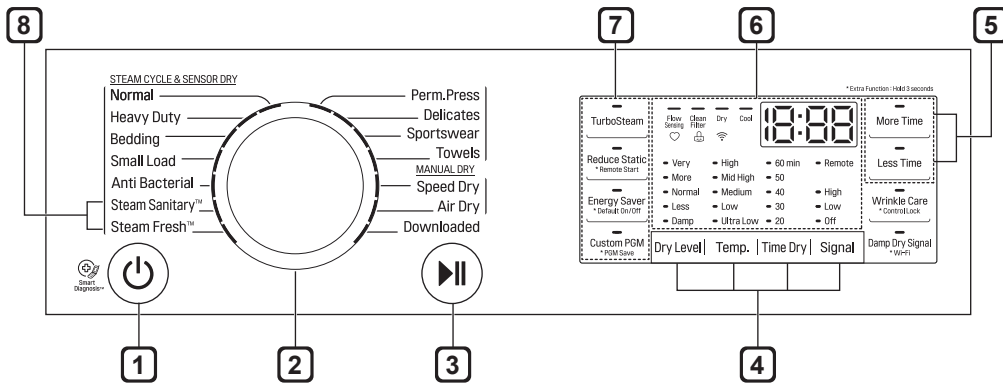
NOTE
- Model numbers can be found on the cabinet inside the door.

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 Modifier 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 **Steam Functions**

LG's steam technology allows you to inject fabrics with a swirling jet of steam to refresh clothes, reduce static, and make ironing easier. Simply select the **Steam Fresh™** cycle or you can add a Steam option to selected cycles.
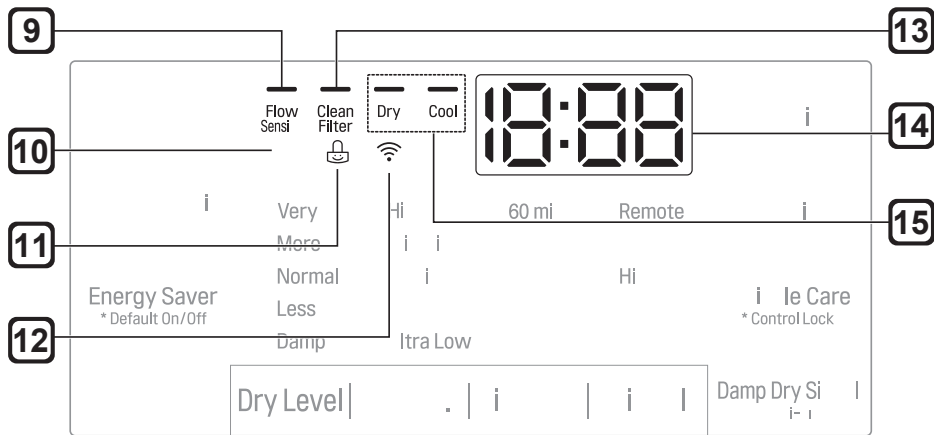
9 Flow Sense™ Duct Blockage Sensing System Indicator

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.

10 Custom PGM

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

11 Control Lock Indicator

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

12 WI-FI Indicator

When the appliance is connected to the Internet through a home Wi-Fi network, this indicator appears.

13 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.

14 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.

15 Cycle Completion Indicator with Clean Filter Reminder

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

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 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 **Energy Saver** button. 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

(DLE3500*, DLG3501*, DLEX3700*, DLGX3701*, DLEX3900*, DLGX3901*)

Non-Steam Models (DLE3500*, DLG3501*)

= default setting

● = allowable option

* = Energy Saver

Cycle	Fabric Type	Dry Level	Temp.	Time in Min.	Wrinkle Care	Damp Dry Signal	Anti Bacterial
SENSOR DRY							
Normal*	Work clothes, corduroys, etc.	Normal	Mid High	Elec: 57 Gas: 63	●	●	●
		Adj.					
Heavy Duty	Jeans, heavyweight items	Normal	High	54	●	●	●
		Adj.					
Bedding	Comforters, Pillows, Shirts	Normal	Medium	55			
		Adj.					
Towels	Denims, towels, heavy cottons	Normal	Medium	55	●	●	●
		Adj.					
Small Load	Only normal & cotton/ towels fabric type (Max. 3lb)	Normal	High	30	●		
		Adj.					
Perm. Press	Permanent press, synthetic items	Normal	Medium	32	●	●	
		Adj.					
Delicates	Lingerie, sheets, blouses	Normal	Low	28	●	●	
		Adj.					
MANUAL DRY							
Speed Dry	For small loads with short drying times	Off	High	25	●		
			Adj.	Adj.			
Air Dry	For items that require heat-free drying such as plastics or rubber	Off	No Heat	30	●		
				Adj.			

Steam Models (DLEX3700*, DLGX3701*)

☐ = default setting
● = allowable option
* = Energy Saver

Cycle	Fabric Type	Dry Level	Temp.	Time in Min.	Wrinkle Care	Damp Dry Signal	Reduce Static
SENSOR DRY							
Normal*	Work clothes, corduroys, etc.	Normal	Mid High	Elec: 57	●	●	●
		Adj.		Gas: 63			
Heavy Duty	Jeans, heavyweight items	Normal	High	54	●	●	●
		Adj.					
Bedding	Comforters, pillows, shirts	Normal	Medium	55			●
		Adj.					
Anti Bacterial	Do not use this cycle with delicate fabrics	Very	High	70	●		
Perm. Press	Permanent press, synthetic items	Normal	Medium	32	●	●	●
		Adj.					
Delicates	Lingerie, sheets, blouses	Normal	Low	28	●	●	●
		Adj.					
Towels	Denims, towels, heavy cottons	Normal	Medium	55	●	●	●
		Adj.					
MANUAL DRY							
Speed Dry	For small loads with short drying times	Off	High	25	●		●
			Adj.	Adj.			
Air Dry	For items that require heat-free drying such as plastics or rubber	Off	No Heat	30	●		
				Adj.			
STEAM CYCLE							
Steam Sanitary™	Comforter, bedding, children's clothing	Off	High	31	●		
Steam Fresh™	Comforter, shirts, trousers (except especially delicate fabrics)	Off	Mid High	10	●		●
			Adj.	Adj.			

Steam Models (DLEX3900*, DLGX3901*)

☐ = default setting

● = allowable option

* = Energy Saver

Cycle	Fabric Type	Dry Level	Temp.	Time in Min.	Wrinkle Care	Damp Dry Signal	Reduce Static
SENSOR DRY							
Normal*	Work clothes, corduroys, etc.	Normal / Adj.	Mid High	Elec: 57 Gas: 63	●	●	●
Heavy Duty	Jeans, heavyweight items	Normal / Adj.	High	54	●	●	●
Bedding	Comforters, pillows, shirts	Normal / Adj.	Medium	55			●
Small Load	Only normal & cotton/ towels fabric type (Max. 3lb)	Normal / Adj.	High	30	●		
Anti Bacterial	Do not use this cycle with delicate fabrics	Very	High	70	●		
Perm. Press	Permanent press, synthetic items	Normal / Adj.	Medium	32	●	●	●
Delicates	Lingerie, sheets, blouses	Normal / Adj.	Low	28	●	●	●
Sportswear	Sports Wear	Off		27	●		●
Towels	Denims, towels, heavy cottons	Normal / Adj.	Mid High	55	●	●	●
MANUAL DRY							
Speed Dry	For small loads with short drying times	Off	High / Adj.	25 / Adj.	●		●
Air Dry	For items that require heat-free drying such as plastics or rubber	Off	No Heat	30 / Adj.	●		
STEAM CYCLE							
Steam Sanitary™	Comforter, bedding, children's clothing	Off	High	31	●		
Steam Fresh™	Comforter, shirts, trousers (except especially delicate fabrics)	Off	Mid High / Adj.	10 / Adj.	●		●

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.

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

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

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

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.

Control 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 Control Lock Function

Press and hold the Wrinkle Care button for 3 seconds.

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

Deactivating the Control Lock Function

Press and hold the Wrinkle Care button for 3 seconds.

Once set, Control Lock remains active until it is manually deactivated. Control 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.

Default On/Off

This option allows the Energy Saver settings to be changed. To run a Normal cycle without the Energy Saver option, press and hold the **Energy Saver** button for three seconds. ON or OFF appears in the display.

Using the Steam Functions

LG's new steam technology injects fabrics with a swirling jet of hot steam to refresh clothes, reduce static, and make ironing easier.

Simply select the Steam Fresh™ cycle, or add a steam option to selected cycles.

> ## ⚠ WARNING
>
> **To reduce the risk of serious injury, death, explosion, or fire, follow basic safety precautions, including the following:**
>
> • Do not open the dryer door during steam cycles.
> • Do not fill the steam feeder with gasoline, dry-cleaning solvents, or other flammable or explosive substances.
> • Do not touch the steam nozzle in the drum during or after the steam cycle.

The Steam Sanitary™ Cycle

The Steam Sanitary™ cycle is ideal for sanitizing non-washable items quickly and easily using the power of steam.

Use this cycle for cotton and polyester material. (Do NOT use for urethane foam, down feathers or delicate items).

The Steam Fresh™ Cycle

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

NOTE
• Reduce Static options can also be used during the Steam Fresh™ cycle.

• The cycle time depends on the load (number of items). Press the **More Time** or **Less Time** button to change the display to reflect the number of items in the load. The display will show 3, 5, or *bIg*. 3 means 3 or fewer items, 5 is for 4 or 5 items, and *bIg* indicates a large load such as a comforter.

Using the Steam Fresh™ Cycle

1 Turn on the dryer and turn the cycle selector knob to select the **Steam Fresh™** cycle.

2 To add an option function, select **Reduce Static**, or **Wrinkle Care**.

3 The display shows the load size (number of items). Change the steam time by pressing the **More Time** or **Less Time** buttons to fit the size of the load.

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

The Steam Options

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

NOTE
- When Sensor Dry is selected with the Reduce Static option, a Dry level of Less or Damp cannot be selected.
- The Reduce Static option can also be selected during Time Dry cycles.
- After the Steam option is selected in Time Dry, the **More Time or Less Time** buttons will change the steam time ONLY.
- Depending on the load (quantity of items), you can change the amount of time for the cycle by pressing the **More Time or Less Time** button. (Reduce static: 7, 9, 11, 14, 16, or 18)

Adding Steam to a Standard Cycle

1 Turn on the dryer and turn the cycle selector knob to select the desired cycle.

2 Use the cycle setting buttons to adjust the settings for that cycle.

3 Press the Steam option button (Reduce Static, or Wrinkle Care) for the desired steam option. Then adjust for the load size using the **More Time** or **Less Time** buttons.

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

NOTE
- Steam may not be clearly visible during the steam cycles. This is normal.
- Do not use Steam Fresh™ with items such as wool, wool blankets, leather jackets, silk, wet clothes, lingerie, foam products, or electric blankets.
- For best results, load articles of similar size and fabric type. Do not overload.
- When the filter/duct is clogged, the steam option may not have optimal results.
- When the steam function is operating, the drum will stop to allow steam to stay in the drum.
- The steam feeder must be filled with water up to the filter screen. Otherwise, an error message will be displayed.

	STEAM	DEFAULT TIME	TEMP.	DRY LEVEL	FABRIC STATE	FABRIC TYPE	MAXIMUM AMOUNT
STEAM SANITARY™		39 minutes			Dry	Comforter Bedding	Single (1 each)
						Children's clothing	3 lbs.
STEAM FRESH™		20 minutes	●		Dry	Comforter	Single (1 each)
						Shirts*	5 each
	REDUCE STATIC	10 minutes			Dry	Shirts*	8 lbs. (18 Items.)
STEAM OPTION	REDUCE STATIC	FOLLOWS SELECTED CYCLE		●	Wet	Varies by selected cycle	8 lbs. (18 Items.)
	+Turbo Steam	FOLLOWS SELECTED		●	Wet	Varies by selected cycle	8 lbs. (18 Items.)
TIME DRY	REDUCE STATIC	45 minutes	●		Wet	Varies by selected cycle	8 lbs. (18 Items.)

• * Shirt: 70% cotton, 30% poly blend. Except especially delicate fabrics

SMART FUNCTIONS

LG SmartThinQ Application

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

Before Using LG SmartThinQ

• For appliances with the ⌂ or ⌂ logo

1 Use a smartphone to check the strength of the wireless router (Wi-Fi network) near the appliance.

• If the distance between the appliance and the wireless router is too far, the signal strength becomes weak. It may take a long time to register or installation may fail.

2 Turn off the **Mobile data** or **Cellular Data** on your smartphone.
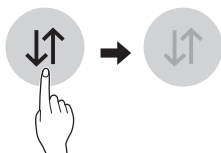
3 Connect your smartphone to the wireless router.
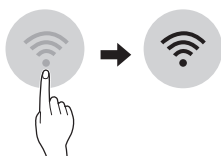
NOTE
• To verify the Wi-Fi connection, check that **Wi-Fi** 📶 icon on the control panel is lit.

• The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.

• LG SmartThinQ is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.

• The surrounding wireless environment can make the wireless network service run slowly.

• If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.

• The network connection may not work properly depending on the Internet service provider.

• The Wi-Fi connection may not connect or may be interrupted because of the home network environment.

• If the appliance cannot be registered due to problems with the wireless signal transmission, unplug the appliance and wait about a minute before trying again.

• If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.

• The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)

• Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.

• If the security protocol of the router is set to **WEP**, network setup may fail. Change the security protocol (**WPA2** is recommended), and register the product again.

Installing the LG SmartThinQ Application

Search for the LG SmartThinQ application from the Google Play Store or Apple App Store on a smart phone. Follow instructions to download and install the application.

NOTE
• If you choose the simple login to access the LG SmartThinQ application, you must go through the appliance registration process each time you change your smartphone or reinstall the application.

LG SmartThinQ Application Features

• For appliances with the ⓐ or ⓐ logo
  Smart ThinQ   Smart ThinQ™

Dryer 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 appliance keeps the downloaded cycle until a new cycle is downloaded.

Venting Tips

Provides venting tips.

Energy Monitoring

This feature keeps track of the refrigerator's power consumption and the number of door openings.

Remote Control

Control the Refrigerator Temperature, Fresh Air Filter and Ice Plus from the smart phone app.

Push Messages

If the door remains open for more than ten minutes, you will receive a push message. When Ice Plus is finished, you will receive a push message.

Smart Diagnosis™

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

Settings

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

NOTE

• If you change your wireless router, your Internet service provider or your password after registering the appliance, delete it from the LG SmartThinQ **Settings → Edit Product** and register again.

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

• NFC function would vary depending on smart phones.

Wireless LAN Module Specifications

Model	LCW-004
Frequency Range	2412 to 2462 MHz
Output Power (Max)	IEEE 802.11 b: 22.44 dBm
	IEEE 802.11 g: 24.68 dBm
	IEEE 802.11 n: 24.11 dBm

FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and the receiver.

• Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

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

1) this device may not cause harmful interference and

2) this device must accept any interference received, including interference that may cause undesired operation of the device.

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Open Source Software Notice Information

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

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for three (3) years from the date on which you purchased the product.

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 SmartThinQ 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.** 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.

SmartThinQ Smart Diagnosis™

• For appliances with the ⊕ or ⊕ logo

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

Follow the instructions in the SmartThinQ 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™.