LG
Life's Good

ENGLISH

OWNER'S MANUAL

DRYER

Please read this owner's manual thoroughly before operating and keep it handy for reference at all time.

DLHX4072*

MFL67731031

www.lg.com

SPECIAL 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.

ULTRA-CAPACITY STAINLESSTEL DRUM WITH DRUM LIGHT

The ultra-large stainless steel drum offers superior durability. The drum is equipped with a yellow light that illuminates when the dryer door is open and turns off when the door is closed.

STEAM FUNCTIONS

LG's steam technology allows you to inject fabrics with a swirling jet of hot 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.

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.

SMARTDIAGNOSIS™

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.

HYBRID DRYER TECHNOLOGY

LG Heat pump dryers use less energy then conventional dryer due to Optimized heat exchanger and self cleaning technology. This LG Heat pump dryer has been designed to save your money.

ENGLISH

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IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

⚠WARNING

For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, personal injury, or death.

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 obey all safety messages.

⚠ This is the safety alert symbol.
This symbol alerts you to potential hazards that can kill or hurt you and others.

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

These words mean:

⚠DANGER

You will be killed or seriously injured if you don't immediately follow instructions.

⚠WARNING

You can be killed or seriously injured if you don't 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 can happen if the instructions are not followed.

For your safety, the information in this manual must be followed to minimize the risk of fire, explosion or electric shock, or to prevent property damage, personal injury, or loss of life.

- **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.**
- **Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this appliance or any other appliances.**
- **Installation and service must be performed by a qualified installer, service agency, or the gas supplier.**
- **Install the clothes dryer according to the manufacturer's instructions and local codes.**
- **Save these instructions.**

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

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

⚠WARNING

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BASIC SAFETY PRECAUTIONS

⚠WARNING

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

- Read all instructions before using the dryer.
- Before use, the dryer must be properly installed as described in this manual.
- **Do not place items exposed to cooking oils in your dryer.** Items contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire.
- Do not dry articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, or other flammable or explosive substances as they give off vapors that could ignite or explode.
- **Do not reach into the dryer if the drum or any other part is moving.**
- Do not repair or replace any part of the dryer or attempt any servicing unless specifically recommended in this Owner's Manual or in published user-repair instructions that you understand and have the skills to carry out.
- **Do not tamper with controls.**
- Before the dryer is removed from service or discarded, remove the door to the drying compartment.
- Do not allow children to play on or in the dryer. Close supervision of children is necessary when the dryer is used near children.
- Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
- **Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials.**
- Keep area around the exhaust opening and adjacent surrounding areas free from the accumulation of lint, dust, and dirt.
- The interior of the dryer and exhaust vent should be cleaned periodically by qualified service personnel.
- Do not install or store the dryer where it will be exposed to the weather.
- Always check the inside of the dryer for foreign objects.
- Clean lint screen before or after each load.
- **Do not store plastic, paper, or clothing that may burn or melt on top of the dryer during operation.**
- **Warning:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **Wash hands after handling.**

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT

This act requires the governor of California to publish a list of substances known to the state to cause cancer, birth defects, or other reproductive harm and requires businesses to warn customers of potential exposure to such substances.

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.

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

⚠WARNING

For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, injury to persons, or death.

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance must be equipped with a cord having an equipmentgrounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

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.
This appliance must be connected to a grounded metal, permanent wiring system or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipmentgrounding terminal or lead on the appliance.
Electric shock can result if the dryer is not properly grounded.

⚠WARNING

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt that the appliance is properly grounded.

SAFETY INSTRUCTIONS FOR INSTALLATION

⚠WARNING

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

- **Properly ground dryer to conform with all governing codes and ordinances.** Follow details in the installation instructions. Electric shock can result if the dryer is not properly grounded.
- **Before use, the dryer must be properly installed** as described in this manual. Electric shock can result if the dryer is not properly grounded.
- **Install and store the dryer where it will not be exposed to temperatures below freezing or exposed to the weather.**
- **All repairs and servicing must be performed by an authorized servicer unless specifically recommended in this Owner's Manual. Use only authorized factory parts.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **To reduce the risk of electric shock, do not install the dryer in humid spaces.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **Connect to a properly rated, protected, and sized power circuit to avoid electrical overload.** Improper power circuit can melt, creating electric shock and/or fire hazard.
- **Remove all packing items and dispose of all shipping materials properly.** Failure to do so can result in death, explosion, fire, or burns.
- **Place dryer at least 18 inches above the floor for a garage installation.** Failure to do so can result in death, explosion, fire, or burns.
- **Keep all packaging from children.** Packaging material can be dangerous for children. There is a risk of suffocation.
- **Do not install near another source of heat such as a stove, cooking oven.** Failure to do so can cause deform, smoke and fire.
- **Do not place candles, smoking materials, or other flammables on top of the product.** Dripping wax, smoke, or fire can result.
- **Remove all protective vinyl film from the product.** Failure to do so can cause product damage, smoke or fire.

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

⚠WARNING

For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, injury to persons, or death.

SAFETY INSTRUCTIONS FOR INSTALLATION

⚠WARNING

To reduce the risk of injury to persons, follow all industry recommended safety procedures including the use of long sleeved gloves and safety glasses. Failure to follow all of the safety warnings in this manual could result in property damage, injury to persons, or death.

Exhaust/Ducting:

- **Gas dryers MUST be exhausted to the outside.** Failure to follow these instructions can result in fire or death.
- **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 can create a health and fire hazard.
- **Use only rigid metal or flexible metal 4-inch diameter ductwork inside the dryer cabinet or for exhausting to the outside. Use of plastic or other combustible ductwork can cause a fire.** Punctured ductwork can cause a fire if it collapses or becomes otherwise restricted in use or during installation.
- **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.** Failure to follow these instructions can result in fire or death.
- **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.** Failure to follow these instructions can result in fire or death.
- **Rigid or semi-rigid metal ducting is recommended for use between the dryer and the wall. In special installations when it is impossible to make a connection with the above recommendations, a UL-listed flexible metal transition duct may be used between the dryer and wall connection only. The use of this ducting will affect drying time.** Failure to follow these instructions can result in fire or death.
- **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. For complete details, follow the Installation Instructions. Failure to follow these instructions can result in fire or death.

SAFETY INSTRUCTIONS FOR STEAM FUNCTIONS

⚠WARNING

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

- **Do not open the dryer door during steam cycles.** Failure to follow these instructions can result in a burn hazard.
- **Do not dry articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, or other flammable or explosive substances as they give off vapors that could ignite or explode.** Failure to follow these instructions can result in fire or death.
- **Do not fill the steam feeder with gasoline, dry-cleaning solvents, or other flammable or explosive substances.** Failure to follow these instructions can result in fire or death.
- **Do not touch the steam nozzle in the drum during or after the steam cycle.** Failure to follow these instructions can result in a burn hazard.
- **Do not fill the steam feeder with hot water (over 86 ˚F/30 ˚C).** Failure to follow these instructions can result in a burn hazard.

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

⚠WARNING

For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, injury to persons, or death.

SAFETY INSTRUCTIONS FOR CONNECTING ELECTRICITY

⚠WARNING

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

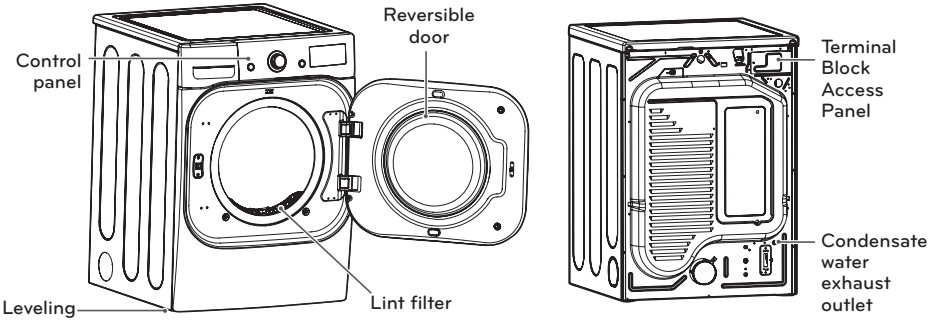
- **Do not, under any circumstances, cut or remove the ground prong from the power cord.** To prevent injury to persons or damage to the dryer, the electrical power cord must be plugged into a properly grounded outlet.
- **For personal safety, this dryer must be properly grounded.** Failure to do so can result in electric shock or injury.
- **Refer to the installation instructions in this manual for specific electrical requirements for your model.** Failure to follow these instructions can create an electric shock hazard and/or a fire hazard.
- **This dryer must be plugged into a properly grounded outlet. Electric shock can 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 can create an electric shock hazard and/or a fire hazard.
- **The dryer should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.** This provides sparkling performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires.
- **Never unplug your dryer by pulling on the power cord. Always grip plug firmly and pull straight out from the outlet.** The power cord can be damaged, resulting in a risk of fire and electric shock.
- **Repair or replace immediately 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.** The power cord can melt, creating an electric shock and/or fire hazard.
- **When installing or moving the dryer, be careful not to pinch, crush, or damage the power cord.** This will prevent injury and prevent damage to the dryer from fire and electric shock.

SAVE THESE INSTRUCTIONS

INTRODUCING YOUR DRYER

PARTS AND ACCESSORIES

Parts



*For information on installing the drain hose, see page 20

Accessories

Included accessories

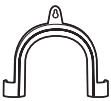
Drying rack

Drain hose

Hose extension Connector

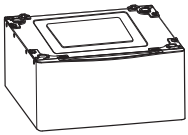
Drain hose fitting

Tie strap (for securing hose)

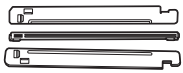


Elbow bracket (for securing hose)

Optional accessories



Pedestal (sold separately)



Stacking kit (sold separately)

This dryer can only be vented to the rear.
There is no side vent kit available

NOTE

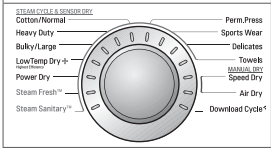
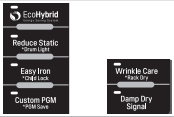
- Contact LG Customer Service at 1-800-243-0000 (1-888-542-2623 in Canada) if any accessories are missing.
- For your safety and for extended product life, use only authorized components. The manufacturer is not responsible for product malfunction or accidents caused by the use of separately purchased unauthorized components or parts.
- The images in this manual may be different from the actual components and accessories, and are subject to change by the manufacturer without prior notice for product improvement purposes.

Control panel features

Following are instructions for starting and using your new dryer. Please refer to specific sections of this manual for more detailed information.

⚠WARNING: To reduce the risk of fire, electric shock, or injury to persons, read this entire manual, including the Important Safety Instructions, before operating this dryer.

Operation

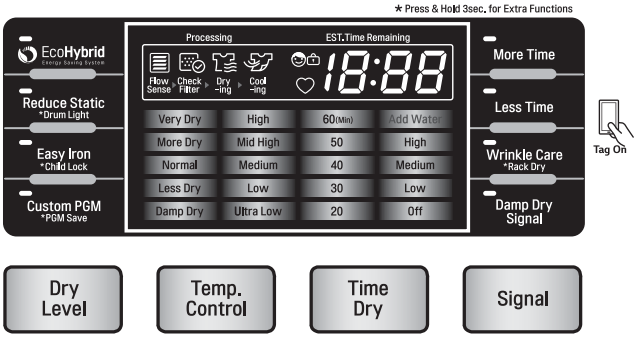
Button	Description
	ü **POWER ON/OFF BUTTON** - Press to turn the dryer ON. Press again to turn the dryer OFF. **NOTE :** Pressing the ON/OFF button during a cycle will cancel that cycle and any load settings will be lost.
	ü **CYCLE SELECTOR KNOB** - Turn this knob to select the desired cycle. Once 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.
	ü **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 settings are lost.
	ü **MORE TIME/LESS TIME BUTTONS** - Use these buttons with MANUAL DRY and Time Dry cycles to adjust the drying time. Press the More Time button to increase the selected manual cycle time by a minute; press Less Time to decrease the cycle time by a minute. Use with Steam Fresh™ cycles and the Reduce Static and Easy Iron options to adjust load size (more or fewer items).
	ü **CYCLE SETTING 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.
	ü **OPTION BUTTONS** - The OPTION buttons allow you to select additional cycle options. Certain buttons also allow you to activate special functions by pressing and holding the button for 3 seconds.
Steam Sanitary™ Steam Fresh™	ü **STEAM FUNCTIONS** - LG's steam technology allows you to inject fabrics with a swirling jet of hot 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.

Display

The display shows the settings, estimated time remaining, options, and status messages for your dryer. When the dryer is turned on, the light in the display will illuminate.

⚠WARNING

To reduce the risk of fire, electric shock, or injury to persons, read this entire manual, including the Important Safety Instructions, before operating this dryer.



Display and Icons	Description
	ü **ESTIMATED TIME REMAINING** - When the START/PAUSE button is pressed, the dryer will display the estimated (SENSOR DRY) or set time (Time Dry) remaining, and begin tumbling. **NOTE :** The cycle time on SENSOR DRY cycles may fluctuate as the dryer recalculates drying time for optimal results
	ü **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, or Wrinkle Care). At the beginning of the cycle, the check filter icon will blink to remind you to emplty the lint filter. During the cycle, the current stage will blink while remaining stages remain lit.
	ü **CHILD LOCK INDICATOR** - When CHILD LOCK is set, the CHILD LOCK indicator will appear and all buttons are disabled except the POWER button. This prevents children from changing settings while the dryer is operating. CHILD LOCK remains set after the dryer shuts off. The dryer can be powered on, but it cannot be operated. Disengage CHILD LOCK to resume normal use.
	ü **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.
	ü **CUSTOM PROGRAM** - If you have a special combination of settings that you use frequently, you can save these settings as a CUSTOM PROGRAM. Once saved, you can select your saved settings with the press of a single button.
	ü **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.

WHAT IS A HYBRID DRYER?

What is hybrid dryer technology?

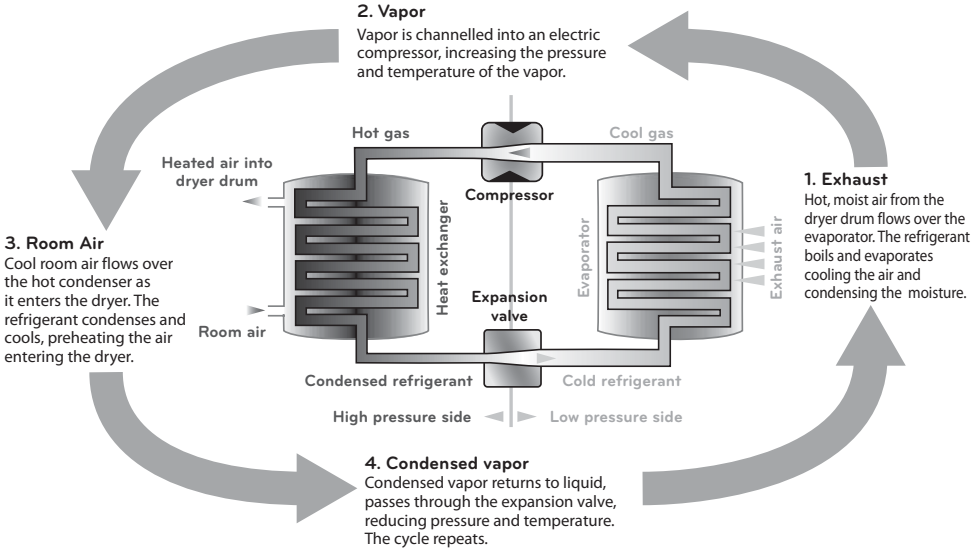
LG hybrid dryers use a combination of conventional heating elements and a heat pump system to dry your clothes. The heat pump recovers heat from the hot, moist air that is normally exhausted to the outside and lost.

Using a heat pump to preheat the air coming into the dryer recovers this heat and saves electricity, because it takes less electricity to move the heat than to create it with a conventional heater. This LG hybrid dryer has been designed to save you money.

How does it work?

Heat naturally moves from warmer areas toward cooler areas. Heat pumps control this movement by trapping hot air. Rather than using a lot of energy to create heat, heat pumps use a little energy to transfer heat from one place to another using a heat exchanger.

The heat pump in the dryer is similar to those used in air conditioners or dehumidifiers. The cold part of the system is used to condense water and cool the exhaust air, while the hot part of the system is used to heat the air coming into the drum to dry the clothes.



How does the LG hybrid dryer use less energy than a conventional dryer?

- Because heat pumps transfer heat instead of creating it from scratch, they use less energy to produce heat than regular heaters, in most cases.
- In conventional dryers, all the energy that is used to evaporate the moisture in the clothes is vented outside and lost. The hybrid dryer technology is able to recover some of this wasted energy and use it to evaporate more moisture, saving energy.

How much energy can it save?

The amount of energy saved will depend on cycle selection, load size, options, vent condition, and many other factors.

The cycles and options that save the most energy will take longer to dry, but the energy saved in heating more than offsets the energy used to tumble the clothes, which is relatively small.

Do I have to use any special settings to save energy while using my LG hybrid dryer?

By design, any time you use a heated cycle, the dryer will save some energy. However, some cycles and options will take greater advantage of the hybrid technology than others, so using those cycles and options when appropriate may save you even more energy.

How can I save the most energy while using my LG hybrid dryer?

The LowTemp Dry+ cycle

Choose this cycle when you have normal cotton or poly fabrics and a load of less than 9 pounds. This cycle may extend your drying time in order to maximize the energy savings.

The Eco Hybrid option

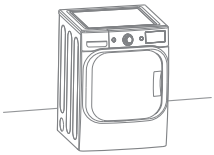
If you are using the LowTemp Dry+, Cotton/Normal, Heavy Duty or Towels cycles, you can add the Eco Hybrid option to increase your energy savings. Adding the Eco Hybrid option to these cycles will increase the drying time.

The LowTemp Dry+ cycle with the Eco Hybrid option

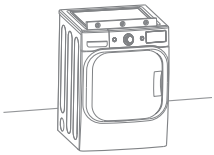
The LowTemp Dry+ cycle in combination with the Eco Hybrid option will give you the most energy savings. Your dry times will also be the longest on this setting.

INSTALLATION INSTRUCTIONS

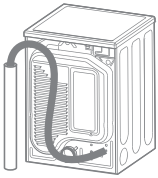
Preview installation order



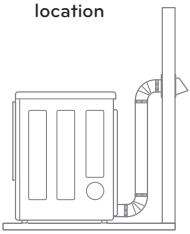
Checking and choosing the proper location



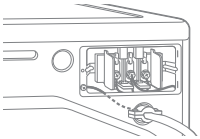
Leveling the dryer



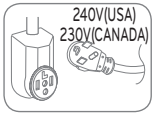
Connect the drain hose



Vent the dryer



Connect the electrical cord to the dryer



Plugging in the power cord and grounding

NOTE

This dryer cannot be vented to the side or the bottom.

Exhaust check test
(Refer to page 29.)

Test run

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.

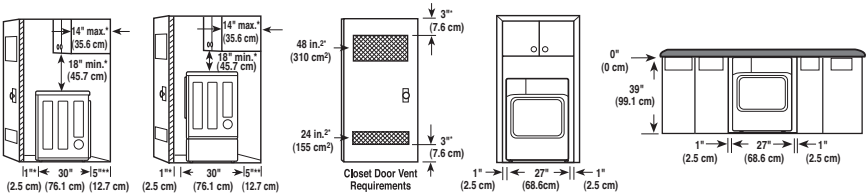
- A location that allows for proper exhaust installation. A gas dryer must be exhausted to the outdoors. See **Venting the dryer**.
- A grounded electrical outlet located within 2 ft. (61 cm) of either side of the dryer. See **Connecting electric dryers**.
- A sturdy floor to support the total dryer weight of 200 lbs (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.

Do not operate your dryer at temperature below 41°F(5°C) and temperature over 95°F(35°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. Some codes limit, or do not permit, installation of the dryer in garages, closets, mobile homes or sleeping quarters. Contact your local building inspector.

NOTE

- The floor must be level, with a maximum slope of 1 inch (2.5 cm) under entire dryer. If slope is greater than 1 inch (2.5 cm), install the Extended Dryer Feet Kit. Clothes may not tumble properly, and automatic sensor cycles may not operate correctly if dryer is not level.
- For a garage installation, you will need to place the dryer at least 18 inches (46 cm) above the floor. The standard pedestal is 15 inches. You will need 18 inches (46 cm) from the garage floor to the bottom of the dryer.

Clearances



INSTALLATION SPACING FOR RECESSED AREA OR CLOSET INSTALLATION

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

- Additional spacing should be considered for ease of installation and servicing.
- Additional clearances might be required for wall, door and floor moldings.
- Additional spacing 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.
- Companion appliance spacing should also be considered.

NOTE

There should be at least a little space around the dryer (or any other appliance) to eliminate the transfer of vibration from one to the other. Too much vibration, it could cause them to make noise or touch each other causing paint damage and making even more noise.

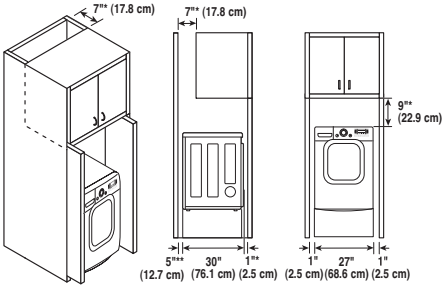
Installation with optional pedestal base or stacking kit

RECOMMENDED INSTALLATION SPACING FOR CABINET INSTALLATION

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

*Required spacing

**For side or bottom venting,
2 inches (5.1 cm) spacing is allowed.



CLOSET VENTILATION REQUIREMENTS

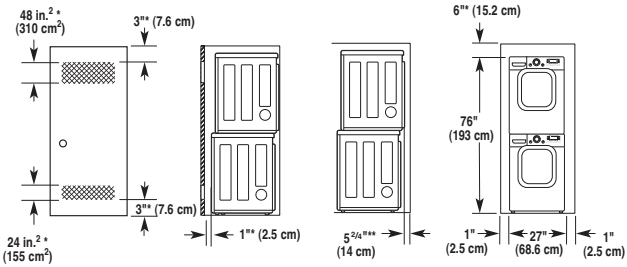
Closets with doors must have both an upper and lower vent to prevent heat and moisture buildup in the closet. One upper vent opening with a minimum opening of 48 sq. in. (310 cm^2) must be installed no lower than 6 feet above the floor. One lower vent opening with a minimum opening of 24 sq. in. (155 cm^2) must be installed no more than one foot above the floor. One example shown uses vent grilles in the door.

RECOMMENDED INSTALLATION SPACING FOR RECESSED OR CLOSET INSTALLATION, WITH STACKED WASHER AND DRYER

• The dimensions shown are for the recommended spacing.

*Required spacing

**For side or bottom venting,
2 inches (5.1 cm) spacing is allowed.



Leveling the dryer

WARNING

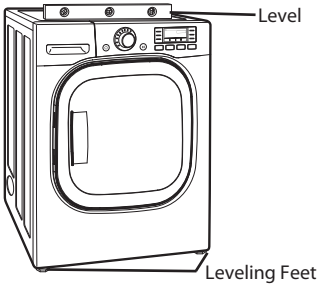
- **To reduce the risk of injury to persons, adhere to all industry recommended safety procedures including the use of long sleeved gloves and safety glasses.** Failure to follow this warning can cause serious injury or death.
- **The appliances are heavy. Two or more people are required when installing the dryer.** Failure to follow this warning can cause serious injury or death.

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.

NOTE

Adjust the leveling feet only as far as necessary to level the dryer. Extending the leveling feet more than necessary can cause the dryer to vibrate.

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

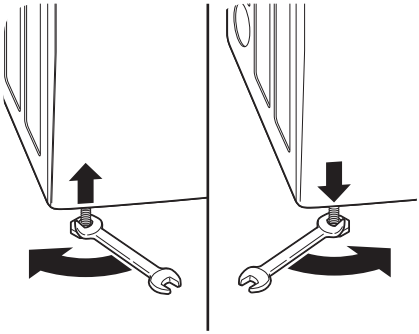


- All four leveling feet must rest solidly on the floor. Gently push on the top corners of the dryer to make sure that the dryer does not rock from corner to corner.

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. Turn clockwise to raise the dryer or counterclockwise to lower it. Raise or lower the leveling feet until dryer is level from side to side and front to back.

Make sure that all 4 leveling feet are in firm contact with the floor.



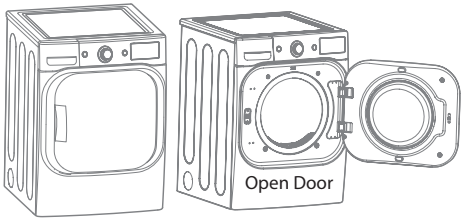
Reversing the door

⚠WARNING

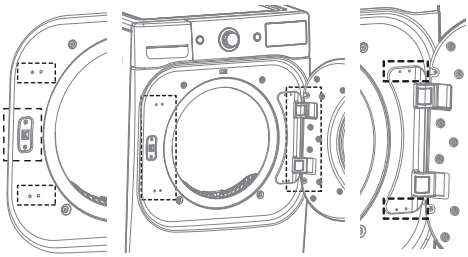
- **To avoid damage to the dryer or the door, support the door with a stool or box that fits under the door, or have an assistant support the weight of the door.**
- **Always reverse the door BEFORE stacking the dryer on top of the washer.**
- **Avoid dropping the door to avoid damage to the door or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

THE DRYER DOOR IS VERY LARGE AND HEAVY. Failure to follow the instructions below can result in damage to the dryer, property damage or injury to persons.

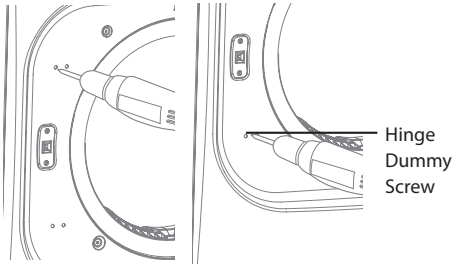
1. Open the door to reverse.



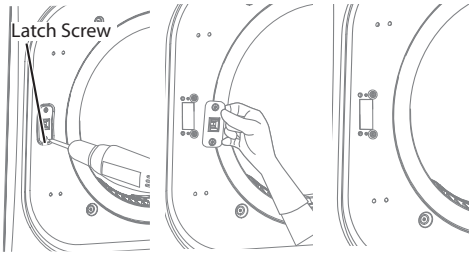
2. Check screws to remove (Left 4, Right 2).



3. Remove four dummy screws by driver.



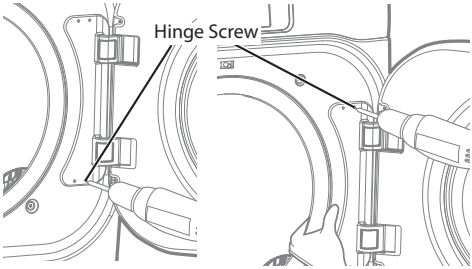
4. Remove two screws and disassembly Latch.



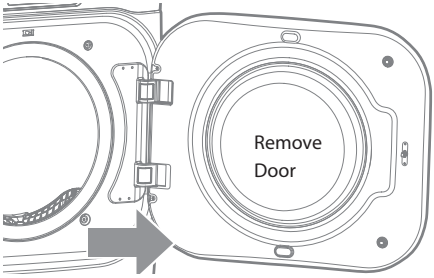
⚠CAUTION

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

5. Hold on the hinge while remove 2 screws of hinge (to prevent door dropping).



6. Remove door from cabinet cover.



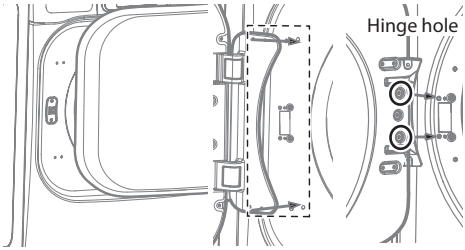
Reversing the door (cont.)

⚠WARNING

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

THE DRYER DOOR IS VERY LARGE AND HEAVY. Failure to follow the instructions below can result in damage to the dryer, property damage or injury to persons.

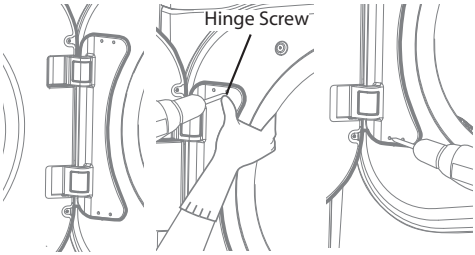
7. Move door to left side and insert a hinge to hinge hole.



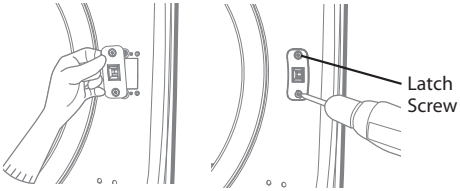
⚠CAUTION

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

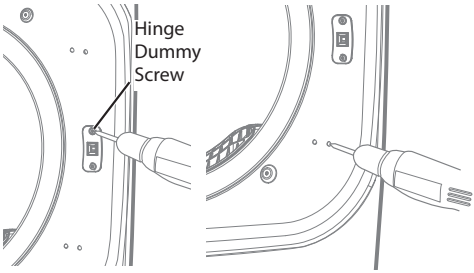
8. Hold on hinge while screw down a hinge (to prevent door dropping).



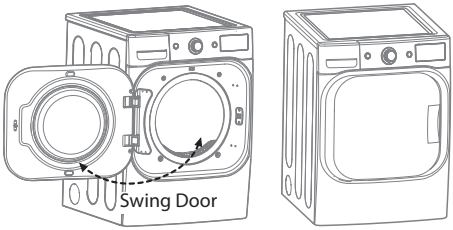
9. Insert latch to right side and install screws.



10. Screw down four dummy screws right side.



11. Check that the door closes and latches properly.



CONNECTING THE DRAIN HOSE

- The drain hose that is enclosed with the dryer must be connected to the nozzle in the rear of the cabinet before using the dryer in order to drain the condensed water from the compressor.
- The drain hose is not connected with the steam functions of the dryer and must be connected even if you do not use the steam functions of the dryer.

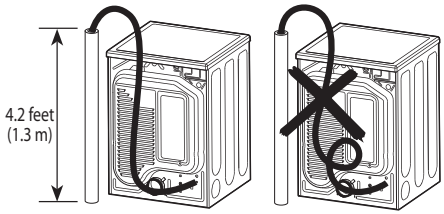
WARNING

Failure to connect the drain hose before using the dryer may result in dryer malfunction, electric shock, or flooding.

- The drain hose should always be properly secured. Failure to properly secure the drain hose can result in flooding and property damage.
- Do not install the end of the drain hose higher than 4.2 feet (1.3 m) above the bottom of the dryer.
- Make sure that the drain hose is not stretched, pinched, crushed, or kinked.

Option 1: Using a standpipe

Correct Connection **Incorrect Connection**



The maximum water drain height is 4.2 feet (1.3 m)

Make sure that the hose is not twisted

Install the end of the drain hose into the elbow bracket. Do not extend the drain hose more than 4 inches past the end of the elbow bracket. Use a tie strap to secure the drain hose in place.

NOTE

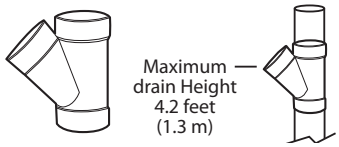
If the drain hose is too long, cut it to the proper length to fit the installation location. If it is too short, attach an extension hose (not included) using the hose extension connector included with the dryer.

Use the following alternatives to the standpipe:

- If you do not have a standpipe.
- if the standpipe in your home is too narrow to accommodate both the hose from your washer and the drain hose from the dryer.
- if your washer drain is higher than 4.2 feet (1.3 m).

Option 2: Using a Y connector

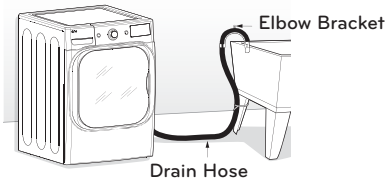
Purchase and install a Y connector in your standpipe.

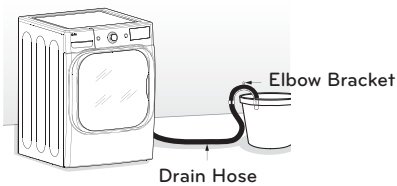


Typical Y-connector **Y-connector installed**

Option 3: Using a laundry tub or bucket

As shown below, the drain hose can be connected to a laundry tub or utility sink. The elbow bracket should be installed near the end of the drain hose. Hang the end of the drain hose over the side of the utility sink. Use a tie strap to secure the drain hose in place.





If necessary, the hose can also be drained into a floor drain or bucket. If a bucket is used, the bucket must then be emptied periodically. Install the elbow bracket near the end of the drain hose. Hang the end of the drain hose over the side of the bucket. Make sure to stabilize the bucket if necessary so it won't tip over. Secure the hose if possible.

- The amount of water produced may change depending on the kind of load, the moisture in the load and the size of the load. Some loads may produce little or no water, other loads may produce up to 12 oz. (360cc) or more.
- If the length of the drain hose is too short to reach the laundry tub or bucket, purchase an extension hose and attach it to the existing drain hose using the hose extension connector included with the dryer.

WARNING

Do not drink the water from the drain hose. The water contains impurities and may cause illness or personal injury.

Venting the dryer

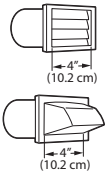
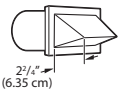
⚠WARNING

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

- **Do not crush or collapse ductwork.** Failure to follow these instructions can result in fire or death.
- **Do not allow ductwork to rest on or contact sharp objects.** Failure to follow these instructions can result in fire or death.
- **If connecting to existing ductwork, make sure it is suitable and clean before installing the dryer.** Failure to follow these instructions can result in fire or death.
- **Venting must conform to local building codes.** Failure to follow these instructions can result in fire or death.
- **Gas dryers MUST exhaust to the outdoors.** Failure to follow these instructions can result in fire or death.
- **Use only 4-inch (10.2 cm) rigid or flexible metal ductwork inside the dryer cabinet and for venting outside.** Failure to follow these instructions can result in fire or death.
- **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.** Failure to follow these instructions can result in fire or death.
- **To reduce the risk of fire, DO NOT exhaust the dryer with plastic or thin foil ducting.** Failure to follow these instructions can result in fire or death.
- **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.** Failure to follow these instructions can result in fire or death.
- **Rigid or semirigid metal ducting is recommended for use between the dryer and the wall. In special installations when it is impossible to make a connection with the above recommendations, a UL-listed flexible metal transition duct may be used between the dryer and wall connection only. The use of this ducting will affect drying time.** Failure to follow these instructions can result in fire or death.
- **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.** Failure to follow these instructions can result in fire or death.
- **To maximize operating results, please observe the duct length limitations noted in the chart next page.** Failure to follow these instructions can result in fire or death.
- **Ductwork is not provided with the dryer. You should obtain the necessary ductwork locally. The end cap should have hinged dampers to prevent backdraft when the dryer is not in use.** Failure to follow these instructions can result in fire or death.
- **The Total length of flexible metal duct shall not exceed 8 ft. (2.4 m)**
- **In Canada, that only those foil-type flexible ducts, if any, specifically identified for use with the appliance by the manufacturer shall be used.** In the United States, that 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, shall be used.

Venting the dryer (cont.)

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)
	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)
	4	22 ft. (6.7 m)

NOTE

Deduct 6 ft. (1.8 m) for each additional elbow. It is not recommended to use more than four 90° elbows.

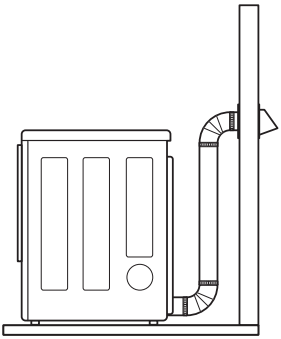
ROUTING AND CONNECTING DUCTWORK

NOTE

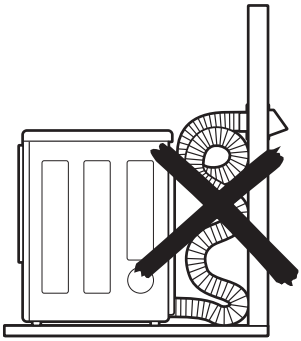
Follow the guidelines below to maximize drying performance and reduce lint buildup and condensation in the ductwork.
Ductwork and fittings are NOT included and must be purchased separately.

- Use 4-inch (10.2 cm) diameter rigid or semirigid 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 becaus of such exhaust systems will not be covered by the dryer warranty.

CORRECT VENTING



INCORRECT VENTING



Connecting electric dryers

⚠WARNING

To help prevent fire, electric shock, serious injury, or death, 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.

Electrical Requirements for Electric Models Only

⚠WARNING

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

- **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.** Failure to do so can result in fire, explosion, or death.
- **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 DRYER TO 110-, 115-, OR 120-VOLT CIRCUIT.** Failure to follow these instructions can result in fire, explosion, or death.
- **If 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 dryer can be moved from its normal location when necessary.** Failure to do so can result in fire, explosion, or death.
- **The power cord (pigtail) connection between wall receptacle and dryer terminal block IS NOT supplied with dryer. Type of pigtail and gauge of wire must conform to local codes and with instructions on the following pages.** Failure to follow these instructions can result in fire, explosion, or death.
- **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.** Failure to do so can result in fire, explosion, or death.

⚠WARNING

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

- **Do not modify the plug and internal wire provided with the dryer.**
- **The dryer should be connected to 4-hole outlet.**
- **If it does not fit the outlet, a proper outlet will need to be installed by a qualified electrician.**

⚠WARNING

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

- **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.**
- **A 4-wire connection is required for all mobile and manufactured home installations, as well as all new construction after January 1, 1996.** Failure to do so can result in fire, explosion, or death.

Connecting electric dryers (cont.)
USA only

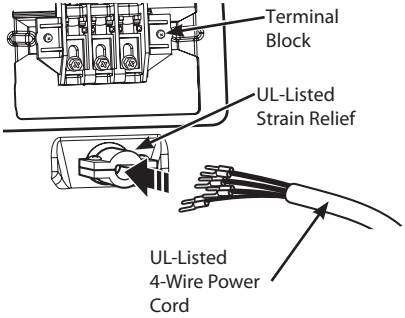
⚠WARNING

- **Connect the power cord to the terminal block. Each colored wire should be connected to same color screw. Wire color indicated on manual is connected to the same color screw in block. Failure to follow these instructions may result in a short or overload.**
- **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.**

Four-wire connection for electric dryers: Power cord

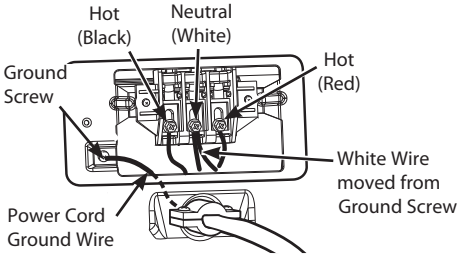
- A 4-wire connection is required for all mobile and manufactured home installations, as well as all new construction after January 1, 1996.
- A UL-listed strain relief is required.

1. Remove the terminal block access cover on the upper back of the dryer. Install a UL-listed strain relief into the power cord through-hole; then thread a UL-listed, **30 A, 240 V, 4-wire, #10 AWG-minimum copper** conductor power cord through the strain relief.



- **Use a 30 A, 240 V, UL-listed power cord with #10 AWGminimum copper** conductor and closed loop or forked terminals with upturned ends.

2. Transfer the dryer's ground wire from behind the green ground screw to the center screw of the terminal block. Attach the two hot leads of the power cord to the outer terminal block screws.
   Attach the white neutral wire to the center terminal block screw. Attach the power cord ground wire to the green ground screw. **TIGHTEN ALL SCREWS SECURELY.** Reinstall the terminal block access cover.



Connecting electric dryers (cont.)
USA only

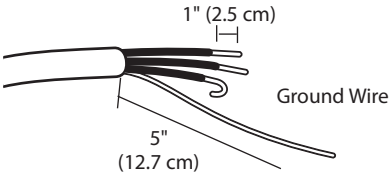
⚠WARNING

- **Connect the power cord to the terminal block. Each colored wire should be connected to same color screw. Wire color indicated on manual is connected to the same color screw in block. Failure to follow these instructions may result in a short or overload.**
- **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.**

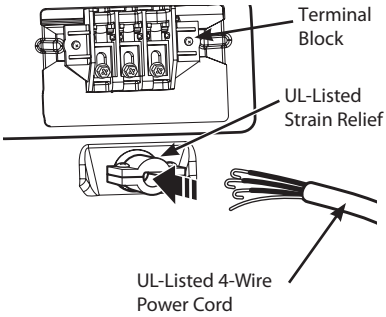
Four-wire connection for electric dryers: Direct wire

- 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.

1. Remove 5 inches (12.7 cm) of the outer covering from the wire. Remove 5 inches of insulation from the ground wire. Cut off approximately 1½ inches (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.

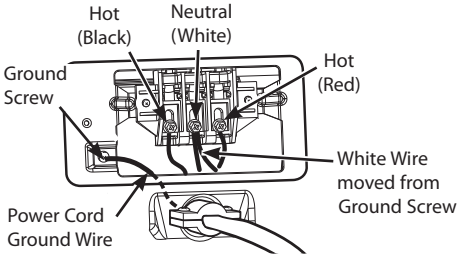


2. Remove the terminal block access cover on the upper back of the dryer. Install a UL-listed strain relief into the power cord through-hole; then thread the power cable prepared in Step 1 through the strain relief.



- Use UL-listed **4-wire #10 AWG-minimum copper** conductor cable.
- Allow at least 5 ft. (1.5 m) length to allow for removal and reinstallation of the dryer.

3. Transfer the dryer's ground wire from behind the green ground screw to the center screw of the terminal block. Attach the two hot leads of the power cable to the outer terminal block screws.
   Attach the white neutral wire to the center terminal block screw. Attach the power cable ground wire to the green ground screw. **TIGHTEN ALL SCREWS SECURELY.** Reinstall the terminal block access cover.



Connecting electric dryers (cont.)
USA only

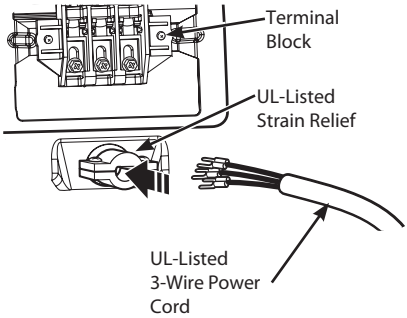
⚠WARNING

- **Connect the power cord to the terminal block. Each colored wire should be connected to same color screw. Wire color indicated on manual is connected to the same color screw in block. Failure to follow these instructions may result in a short or overload.**
- **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.**

Three-wire connection for electric dryers: Power cord

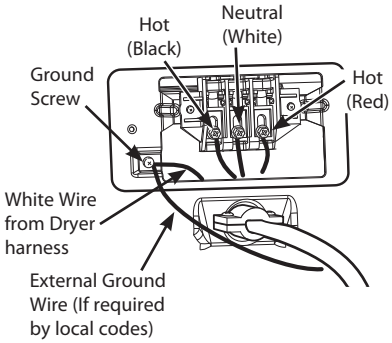
- A 3-wire connection is NOT permitted on new construction after January 1, 1996.
- A UL-listed strain relief is required.

1. Remove the terminal block access cover on the upper back of the dryer. Install a UL-listed strain relief into the power cord through-hole; then thread a UL-listed, **30 A, 240 V, 3-wire, #10 AWG-minimum copper** conductor power cord through the strain relief.



- Use a **30 A, 240 V, UL-listed power cord with #10 AWGminimum copper** conductor and closed loop or forked terminals with upturned ends.

2. Attach the two hot leads of the power cord to the outer terminal block screws. Attach the neutral wire to the center terminal block screw. Connect the external ground (if required by local codes) to the green ground screw. **TIGHTEN ALL SCREWS SECURELY.** Reinstall the terminal block access cover.



Connecting electric dryers (cont.)
USA only

⚠WARNING

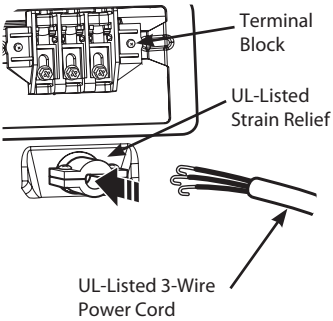
- **Connect the power cord to the terminal block. Each colored wire should be connected to same color screw. Wire color indicated on manual is connected to the same color screw in block. Failure to follow these instructions may result in a short or overload.**
- **Grounding through the neutral conductor 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.**

Three-wire connection for electric dryers: Direct wire

- A 3-wire connection is NOT permitted on new construction after January 1, 1996.
- A UL-listed strain relief is required.

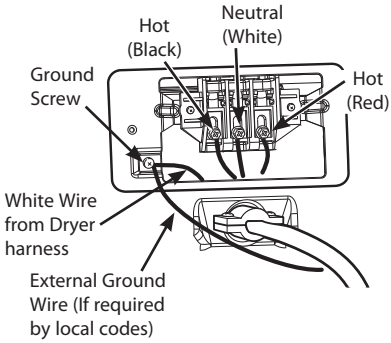
1. Remove 3½ inches (8.9 cm) of the outer covering from the wire. Strip 1 inch (2.5 cm) insulation from each wire. Bend the ends of the three wires into a hook shape.

2. Remove the terminal block access cover on the upper back of the dryer. Install a UL-listed strain relief into the power cord through-hole; then thread the power cable prepared in Step 1 through the strain relief.



- 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 reinstallation of the dryer.

3. Attach the two hot leads of the power cord to the outer terminal block screws. Attach the neutral wire to the center terminal block screw. Connect the external ground (if required by local codes) to the green ground screw. **TIGHTEN ALL SCREWS SECURELY.** Reinstall the terminal block access cover.



CONNECTING ELECTRIC DRYERS (continued)

Special requirements for manufactured or mobile homes

⚠WARNING

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

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.

- 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.
- 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 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 in2 (163 cm^2).
- It is important that the clearance of the duct from any combustible construction be at least 2 inches (5 cm), and when venting the dryer to the outdoors, the dryer can be installed with a clearance of 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 should 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) the following page.

Testing Dryer Heating

Hybrid Models
Close the dryer door, press the ON/OFF switch to turn the dryer on, and start the dryer on a heat setting. 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 inches (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 4 leveling feet are firmly on the floor.

Installation test (Duct)

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.

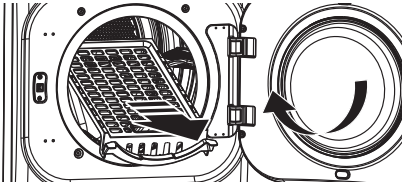
- Your dryer features FLOW SENSE™, an innovative sensing system that automatically detects blockages and restrictions in dryer ductwork. Keeping ductwork clean of lint buildup and free of restrictions allows clothes to dry faster and reduces energy use.

NOTE

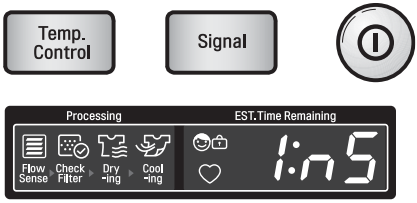
The dryer should be cool before starting this test. If the dryer was warmed up during installation, run the Air Dry cycle for a few minutes to reduce the interior temperature.

To activate 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 in may affect the accuracy of the results.



2. **Press and hold the SIGNAL ON/OFF and TEMP. CONTROL buttons and then press the POWER button.** This button sequence activates the installation test. The code 1n5 will display if the activation is successful.



3. **Press START/PAUSE button.**
   The dryer will start the test, which will last about two minutes. The heat will be turned on and the temperatures in the drum will be measured.

4. **Check the display for results.**
   During the two minute 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.
   Other problems may also be shown with error codes. Refer to the next page for error code details and solutions.

NO BARS: OK | FOUR BARS: RESTRICTED

Four bars 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.

Installation test (Duct check) (cont.)

• 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 *or* **PF** *or* **nP**	• Electric dryer power cord is not connected correctly, or house power supply is incorrect. • House fuse is blown, circuit breaker has tripped, or power outage has occurred.	• Check the power supply or the connection of power cord to the terminal block. Refer to the **Connecting electric dryers** section of this manual for complete instructions. • 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.

• **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 does 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 the wrong results.

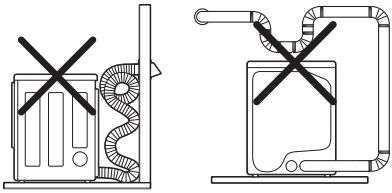
Even if no bars are displayed during the test cycle, some restrictions may still be present in the exhaust system. Refer to the

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 dryer ductwork. Keeping ductwork clean of lint buildup and free of restrictions allows clothes to dry faster and reduces energy use.

Restricted or Blocked Airflow

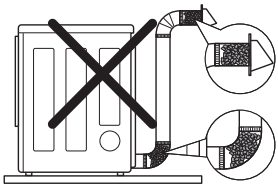
Avoid long runs or runs with multiple elbows or bends.



Excess or crushed transition duct

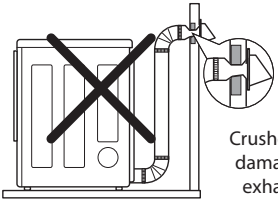
Too many elbows or exhaust too long

Check for blockages and lint buildup.



Lint buildup or blockage

Make sure the ductwork is not crushed or restricted.

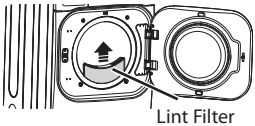


Crushed or damaged exhaust

HOW TO USE

Operating the Dryer

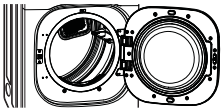
1



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. The dryer will not operate without the lint filter in 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 signal will sound, if turned on. Refer to page 10.

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. Refer to the Cycle Guide. No special settings are necessary to take advantage of your hybrid dryer's energy saving capabilities. However, some cycles and settings will save more energy than others. Default settings for the selected cycle can now be changed if desired. This can be done using the cycle modifier buttons as shown on page 34. Cycle options can be added using the option buttons as shown on page 35-36.

NOTE

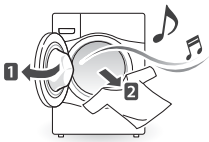
Not all options or modifiers are available on all cycles. A different chime will sound and the LED will not come on if the selection is not allowed.

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, the dryer will shut off and the cycle settings will be lost.

6



END OF CYCLE

When the cycle is finished, the chime will sound if it is set. Remove your clothing from the dryer immediately 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.

Cycle guide

Å = Available option

Cycle	Fabric Type	Dry Level	Temperature	Time in Min.	More Time/ Less Time	Wrinkle Care	Damp Dry Signal	Reduce Static	Easy Iron	Eco Hybrid
Steam Fresh™	Comforter, shirts, trouser (except especially delicate fabrics)	Off	Mid High Adjustable	20 Adjustable	Å	Å		Å	Å	
Steam Sanitary™	Comforter, bedding, children' clothing	Off	High	39		Å				
Power Dry	To help reduce microorganisms on clothing using a high temperature dry. (RMC 0%)	Very	High	70		Å				
LowTemp Dry+	Only normal & cotton / Perm Press Fabric type(max 9lb)	Normal Adjustable	Medium	75		Å				Å
Bulky/ Large	Comforters, pillows, shirt	Normal Adjustable	Medium	55				Å		
Perm Press	Permanent press, synthetic items	Normal Adjustable	Low	32		Å	Å	Å	Å	
Cotton/ Normal	Work clothes, corduroys, etc.	Normal Adjustable	Medium	41		Å	Å	Å	Å	Å
Heavy Duty	Jeans, heavyweight items	Normal Adjustable	High	54		Å	Å	Å	Å	Å
Sports Wear	Sports Wear	Off	-	27		Å		Å		
Delicates	Lingerie, sheets, blouses	Normal Adjustable	Low	28		Å	Å	Å	Å	
Towels	Denims, towels, heavy cottons	Normal Adjustable	Mid High	55		Å	Å	Å	Å	Å
Speed Dry	For small loads with short drying times	Off	High Adjustable	25 Adjustable	Å	Å		Å	Å	
Air Dry	For items that require heat-free drying such as plastics or foam filled items	Off	No Heat	30 Adjustable	Å	Å				

※ Drying Time may be increased when adding the EcoHybrid option

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.

LowTemp Dry+ - This cycle can save energy over the Cotton/Normal cycle, depending on the load size. It may be necessary to adjust the Dryness Level to achieve the desired amount of drying.

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

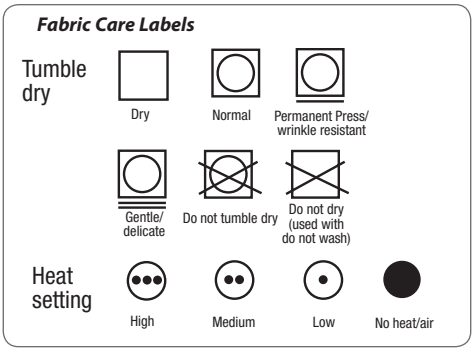
Use Manual Dry cycles to select a specific amount of drying time and a drying temperature. When a Manual Dry cycle is selected, the ESTIMATED TIME REMAINING display shows the actual time remaining in your cycle. You can change the actual time in the cycle by pressing More Time or Less Time.

Following are instructions for starting and using your new dryer. Please refer to specific sections of this manual for more detailed information.

Sorting load

Fabric Care Labels

Most articles of clothing feature fabric care labels that include instructions for proper care.



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, electric shock, or injury to persons 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 your dryer and your clothes. Flammable objects such as lighters or matches could ignite, causing a fire.** Failure to do so can result in fire, explosion, or death.
- **Never dry clothes that have been exposed to oil, gasoline, or other flammable substances. Washing clothes will not completely remove oil residues.** Failure to obey this warning can result in fire, explosion, or death.

NOTE

Loading tips

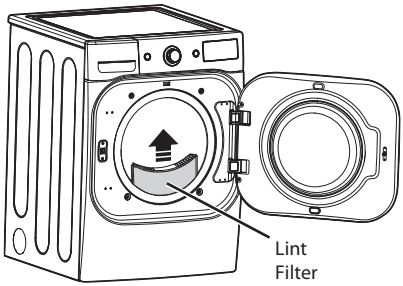
- Combine large and small items in a load.
- Damp clothes will expand as they dry. Do not overload the dryer; clothes require room to tumble dry properly.
- Close zippers, hooks, and drawstrings to prevent these items from snagging or tangling on other clothes.

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 times.

To clean, pull the lint filter straight up and roll any lint off the filter with your fingers. Do not rinse or wash the filter to remove lint. 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. If the lint filter is not properly installed, the error code F0 will display when the Start/ Pause button is pressed. Make sure the lint filter is fully inserted into the filter housing.



Cycle setting 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 setting buttons.
Press the button for that option to view and select other settings.

NOTE

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

Dry Level

Selects 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

Adjusts the temperature setting from Ultra Low to High. This allows precise care of your fabrics and garments. Press the Temp.Control button repeatedly to scroll through available settings.

Time Dry

Allows you 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.

Your dryer features several additional cycle options to customize cycles to meet your individual needs. Certain option buttons also feature a special function (see the following page for details) that can be activated by pressing and holding that option button for 3 seconds.

To Add 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 settings buttons to adjust the settings for that cycle.
3. Press the cycle option button(s) for the option you would like to add. A confirmation message will be shown in the display.
4. Press the START/PAUSE button to start the cycle. The dryer will start 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.

Signal On/Off

To turn the Signal off, press the Signal On/Off button. Press again to turn the Signal back on.

Special functions

The option buttons also activate special functions, including CHILD LOCK, RACK DRY.
Press and hold the option button marked with the special function

**** RACK DRY***

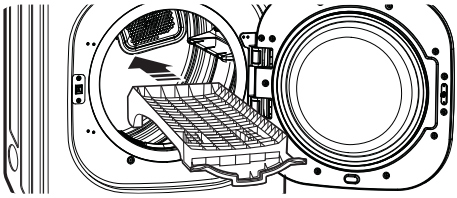
Use RACK DRY with items, such as wool sweaters, silk, and lingerie, that should dry flat. RACK DRY can also be used with items that should not be tumbled dry, such as gym shoes or stuffed animals.
The default heat setting for the Rack Dry cycle is no heat. To prevent excess heat buildup in the items and to help prevent damage, only Low and Ultra Low heat settings are available.
These can be selected before starting the cycle.

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.

To Install the Drying Rack

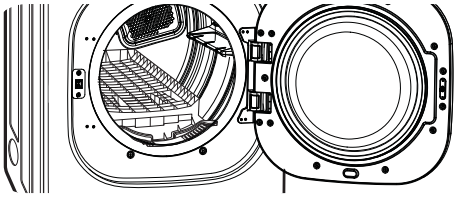
1. With the dryer door open, slide the rack into the dryer drum.



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

NOTE

Be sure to remove the drying rack after using the RACK DRY cycle.



**** 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.
Press and hold the Easy Iron button for 3 seconds to activate or deactivate the CHILD LOCK function.

The CHILD LOCK icon will be shown in the display, and all controls are disabled except the POWER button.

NOTE

Once set, CHILD LOCK remains active until it is manually deactivated. CHILD LOCK must be turned off to run another cycle. To deactivate CHILD LOCK, press and hold the Easy Iron button for three seconds.

Damp Dry Signal

With this option, the dryer will signal 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 still slightly damp.

Eco Hybrid

Using the Eco Hybrid option with the LowTemp Dry+, Cotton/Normal, Heavy Duty and Towels cycles will help save energy using heat pump air recirculating technology. This feature increases energy conservation, but may result in longer drying times.

Custom program

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

To Save a Custom Program:

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 cycle option button(s) for the option you would like to add. A confirmation message will be shown in the display.
4. Press and hold the CUSTOM PROGRAM button for 3 seconds.

NOTE

You may save only one custom program at a time. Pressing and holding the CUSTOM PROGRAM button will overwrite any previously saved custom program.

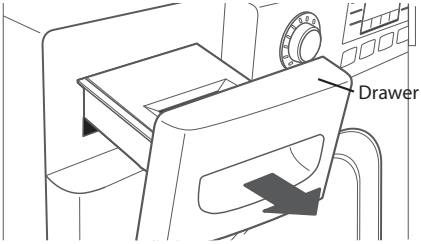
To Recall a Custom Program:

1. Turn on the dryer.
2. Press the CUSTOM PROGRAM button.
3. Press the START/PAUSE button to start the cycle.

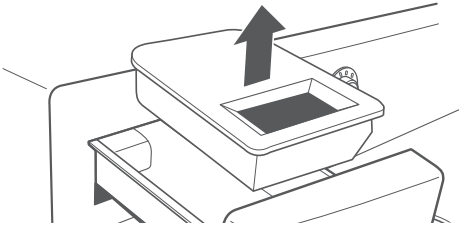
Steam functions

To Fill the Steam Feeder

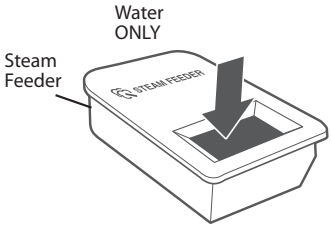
1. Pull out the drawer.



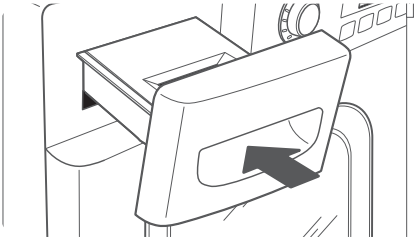
2. Lift out the steam feeder.



3. Fill the steam feeder just to the filter screen with clean water. Do not use distilled water.



4. Place the steam feeder in the drawer; then push in the drawer until it clicks into place.



NOTE

Before using a Steam Cycle, the steam feeder must be filled with water up to the MAX line. If not, the Add will be displayed.
Make sure that the steam feeder is filled with water or the drawer is fully closed. Turn the dryer off then restart the Steam Cycle.

- Only use water. Do not fill the steam feeder with foreign substances, rinse agents, or detergents.
- Before moving the dryer, make sure the steam feeder is empty.
- Do not use distilled water; the water level sensor in the steam generator will not work.
- Be careful to put the Steam Feeder otherwise water will be overflow.
- Wipe up any spilled water around the Steam Feeder and the drawer before starting the dryer.
- Do not fill the steam feeder with hot water (over 86°F/30°C).

WARNING

- **Do not fill the steam feeder with liquids such as gasoline, dry-cleaning solvents, or other flammable or explosive substances.** Failure to follow this warning can cause serious injury or death.
- **Do not drink water from the steam feeder.** Failure to follow this warning can cause serious injury or death.

Steam functions (cont.)

LG's new steam technology allows you to inject fabrics with a swirling jet of hot 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.

Using the Steam Fresh™ Cycle

Steam Fresh™ uses the power of steam alone to quickly reduce wrinkles and odor 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 or Easy Iron options can also be used during the Steam Fresh™ cycle.
- Depending on the load (quantity of items), you may change the amount of time for the cycle by pressing the More Time or Less Time button. The display will show 3, 5, or bl 9. 3 means 3 or fewer items, 5 is for 4 or 5 items, and bl 9 indicates a large load such as a comforter.

To Use 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, Easy Iron, or Wrinkle Care.
3. Depending on the load (quantity of items), steam time can be changed by pressing the More Time or Less Time buttons.
4. Press START/PAUSE button to start the cycle.

To Add 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 for the Steam option you would like to add. Then adjust for the load size using the More Time or Less Time buttons.
4. Press START/PAUSE button to start the cycle.

Using 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. Change the amount of time for the cycle by pressing the More Time or Less Time button, depending on the load (quantity of items). The display will show the recommended number of items, such as 7, 9, 11, 14, 16, or 18.

The Easy Iron option provides uniform, properly dampened fabrics for ironing, which can save time and make ironing easier.

Change the amount of time for the cycle by pressing the More Time or Less Time button, depending on the load (quantity of items). The display will show the recommended number of items, such as 1, 2, 3, 4, or 5.

NOTE

- When Sensor Dry is selected with the Reduce Static option, a Dry Level of Les or DAMP cannot be selected.
- The Reduce Static or Easy Iron option may 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.
- After pressing START/PAUSE, the More Time or Less Time buttons will be disabled.

Using the Steam Sanitary™ cycle

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

Recommend to use this cycle for cotton and polyester material.

(Do NOT use for urethane foam, down feathers or delicates items)

Steam functions (cont.)

⚠WARNING

- **Do not open the dryer door during steam cycles.** Failure to follow this warning can cause serious injury or death.
- **Do not fill the steam feeder with gasoline, dry-cleaning solvents, or other flammable or explosive substances.** Failure to do so can result in death, explosion, fire, or burns.
- **Do not touch the steam nozzle in the drum during or after the steam cycle.** Failure to follow this warning can cause serious injury or death.

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 blanket, 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 MAX line. Otherwise, an error message will be displayed.

Steam cycle guide

	STEAM	DEFAULT TIME	TEMP. CONTROL	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	Å		Dry	Comforter	Single (1 each)
						Shirts*	5 each
	+ REDUCE STATIC	10 minutes			Dry	Shirts*	8 lbs. (18 Items.)
	+ EASY IRON	12 minutes			Dry	Shirts*	Shirts* (5 each)
STEAM OPTION	+ REDUCE STATIC	FOLLOWS SELECTED CYCLE		Å	Wet	Varies by selected cycle	8 lbs. (18 Items.)
	+ EASY IRON			Å	Wet	Varies by selected cycle	Shirts* (5 each)
TIME DRY	+ REDUCE STATIC	45 minutes	Å		Wet	Varies by selected cycle	8 lbs. (18 Items.)
	+ EASY IRON	47 minutes	Å		Wet	Varies by selected cycle	Shirts* (5 each)

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

- When the lint filter or exhaust duct is clogged, steam options will not give proper results.
- For best results, load articles of similar size and fabric type. Do not overload.

Before using the Tag On function

- The Tag On function allows you to conveniently use the LG Smart Diagnosis™ and Cycle Download features to communicate with your appliance right from your own smart phone. To use the Tag On function:

1. Download the LG Smart Laundry&DW App to your smart phone.
2. Turn on the NFC (Near Field Communication) function in your smart phone.

- The Tag On function can only be used with smart phones equipped with the NFC function and based on the Android operating system (OS).

Turning on the NFC function of the smart phone

1. Enter the "Settings" menu of the smart phone and select "Share & Connect" under "WIRELESS & NETWORKS."

2. 1 Set "NFC" and "Direct/Android Beam" to ON, 2 and select "NFC".

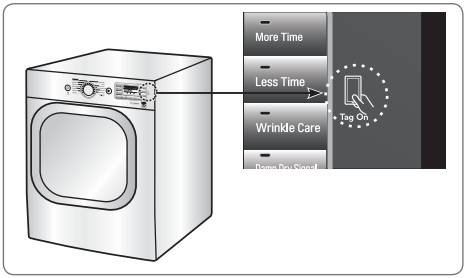
3. Check "Use Read and Write/ P2P receive".

NOTE

Depending on the smart phone manufacturer and Android OS version, the NFC activation process may differ. Refer to the manual of your smart phone for details.

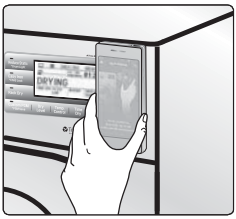
The Tag On guide

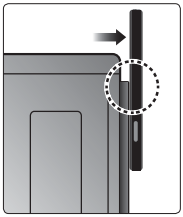
The Tag On icon



Tag On position

Look for the Tag On icon next to the LED screen on the control panel. This is where you position your smart phone when using the Tag On function with the LG Smart Diagnosis™, Cycle Download, and Laundry Stats features of the LG Smart Laundry&DW application.





When you use the Tag On function, position your smart phone so that the NFC antenna on the back of your smart phone matches the position of the Tag On icon on the appliance. If you do not know the position of your NFC antenna, move your smart phone very slightly in a circular motion until the application verifies the connection.

Because of the characteristics of NFC, if the transmission distance is too far, or if there is a metal sticker or a thick case on the phone, transmission will not be good.

Press [?] in the LG Smart Laundry&DW app for a more detailed guide on how to use the Tag On function.

Tag On

This feature uses LG Smart Diagnosis™, Cycle Download, and Laundry Stats when you touch the LG appliance's Tag On logo with your NFC equipped smartphone.

Tag On self-diagnosis using LG Smart Laundry&DW application

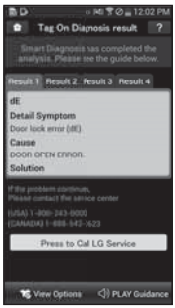
1. Install 'LG Smart Laundry&DW' application on a NFC-equipped smartphone.
- Install the application from the Play store and run it.

2. Select 'Tag On'.
- Select "Tag On" by using the top icons or the bottom icons.

3. Select 'Tag On Diagnosis'.

4. Touch the Tag On logo.
- When a Tag On screen appears (see at right), tap your smart phone on the Tag On icon on the right side of the dryer's control panel.
- If it isn't recognized, touch [?] on the upper right of the Tag On screen on your 'LG Smart Laundry&DW' application to see the detailed guide. (This might happen due to the different NFC antenna positions for each phone.)

5. Check the diagnosis results and solutions.
- It shows the diagnosis results on the cycles recently used.



Scan this QR code with your smart phone to quickly access the LG Smart Laundry&DW App for download

※ Images are for reference only. The actual LG Smart Laundry&DW application may be different.

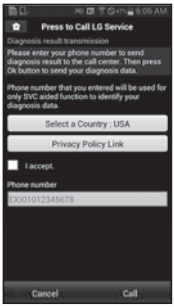
Tag On Smart Diagnosis

1. Select 'Press to Call LG Service' on the Smart Diagnosis Result screen.

2. Select your country.

3. Agree to Terms and Conditions of the Use and Privacy Policy by pressing "I accept."

4. Enter your phone number in the field. Use this phone number when talking to the LG customer service representative for them to find your Smart Diagnosis data.



5. Press the Call button to initiate the call to LG's Support Center.

※ Images are for reference only. The actual LG Smart Laundry&DW application may be different.

Tag On cycles download using LG Smart Laundry&DW application

Tag On Cycles allows you to download cycles for later use. The cycle is available at the Download Cycle position on the control panel until another cycle is downloaded.

1. Install the 'LG Smart Laundry&DW' application on a NFC-equipped smartphone.
- Install the application from the Play store and run it.

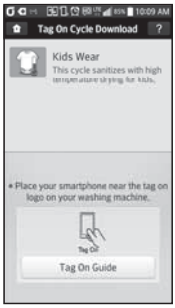
2. Select 'Tag On'.
- Select "Tag On" by using the top icons or the bottom icons.

3. Select 'Tag On Cycles Download'.

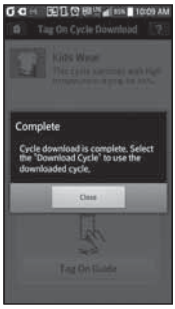
4. Touch the Tag On logo.
- When a Tag On screen appears (see at right), tap your smart phone on the Tag On icon on the right side of the dryer's control panel.
- If it isn't recognized, touch [?] on the upper right of the Tag On screen on your 'LG Smart Laundry&DW' application to see the detailed guide. (This might happen due to the different NFC antenna positions for each phone.)

5 Select a cycle to download.
- You can also check the existing cycles already downloaded.

6. Touch the Tag On logo.
- When a Tag On screen appears (see at right), tap your smart phone on the Tag On icon on the right side of the dryer's control panel.
- If it isn't recognized, touch [?] on the upper right of the Tag On screen on your 'LG Smart Laundry&DW' application to see the detailed guide. (This might happen due to the different NFC antenna positions for each phone.)



7. The new cycle is downloaded successfully!
- Check whether the new cycle is downloaded by turning the cycle selector knob to Download Cycle.



※ Images are for reference only. The actual LG Smart Laundry&DW application may be different.

Laundry Stats

Laundry Stats can monitor the Flow Sense result in case your home exhaust system is clogged.

Laundry Stats can also tell you details of your last 10 cycles.

1. Select 'Tag On' by using the top icons or the bottom icons.

2. Select 'Laundry Stats'.

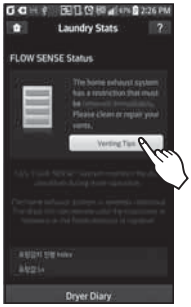
4. Touch the Tag On logo.

- When a Tag On screen appears (see at right), tap your smart phone on the Tag On icon on the right side of the dryer's control panel.
- If the phone isn't recognized, touch [?] on the upper right of the Tag On screen on your 'LG Smart Laundry&DW' application to see the detailed guide.(This might happen due to the different NFC antenna positions for each phone.)

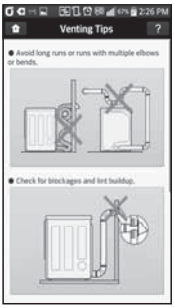
Check the FLOW SENSE™ Status

LG's Flow Sense™ duct blockage sensing system detects and alerts you to restrictions in the installed household ductwork that reduce exhaust airflow through the dryer.

1. Select the FLOW SENSE™ Status in the Laundry Stats screen.



2. If the status shows your home exhaust system is blocked, press the "Venting Tips" button.
Refer to pages 22-23 of this manual for more guidance on venting the dryer.
Refer to pages 29-30 of this manual for more information regarding Flow Sense™.

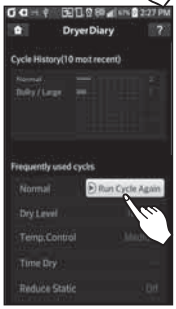


※ Images are for reference only. The actual LG Smart Laundry&DW application may be different.

Laundry Stats (Run Cycle Again) using LG Smart Laundry&DW application

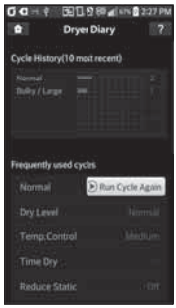
1. Select 'Dryer Diary' on the Laundry Stats screen.
- Select 'Dryer Diary' at the bottom of the Laundry Stats screen.
- The Dryer Diary display a chart showing the last 10 cycles used.
- Details of the Most Used Cycle and the Most Recent cycle will also be displayed.

2. Select the 'Run Cycle Again' button.
- The Most Used cycle or Most Recent cycle can be immediately started by selecting the 'Run Cycle Again' button.



3. Touch the Tag On logo.
- When a Tag On screen appears(shown at right), tap your smart phone on the Tag On icon on the right side of the dryer's control panel.
- If the phone isn't recognized, touch [?] on the upper right of the Tag On screen on your 'LG Smart Laundry&DW' application to see the detailed guide. (This might happen due to the different NFC antenna positions for each phone.)

4. Check whether washing starts with the selected cycle.
- The screen shown at right appears and Drying starts immediately on the selected cycle.



※ Images are for reference o nly. The actual LG Smart Laundry&DW application may be different.

Tag On Cycle Set

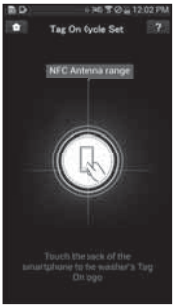
Tag On Cycle Set allows you to automatically adjust the cycle and settings based on your laundry needs.

1. Select 'Tag On' by using the top icons or the bottom icons.

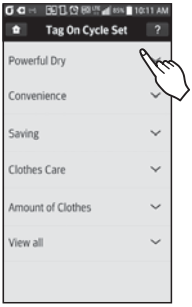
2. Select 'Tag On Cycle Set'.

3. Touch the Tag On logo.

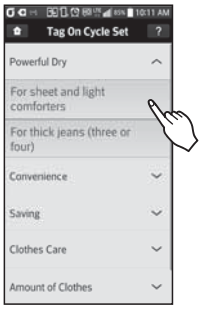
- When a Tag On screen appears(shown at right), tap your smart phone on the Tag On icon on the right side of the dryer's control panel.
- If the phone isn't recognized, touch [?] on the upper right of the Tag On screen on your 'LG Smart Laundry&DW' application to see the detailed guide. (This might happen due to the different NFC antenna positions for each phone.)



4. Select a laundry category based on the issue you want the machine to focus on.

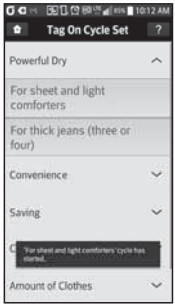


5. After selecting the category, a list of specific cycles will appear. Select the cycle based on your needs.



6. When the Tag On screen appears (shown at right), tap your smart phone to the Tag On logo on the right side of the washer's or dryer's control panel.

7. After tagging the machine wi th your phone, the cycle will automatically start. Verify the correct cycle and settings were selected.



※ Images are for reference only. The actual LG Smart Laundry&DW application may be different.

MAINTENANCE

Regular cleaning

⚠WARNING

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

- **Unplug the dryer before cleaning to avoid the risk of electric shock.** Failure to follow this warning can cause serious injury, fire, electrical shock, or death.
- **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 can scratch or damage the surface.

Cleaning Around and Under the Dryer

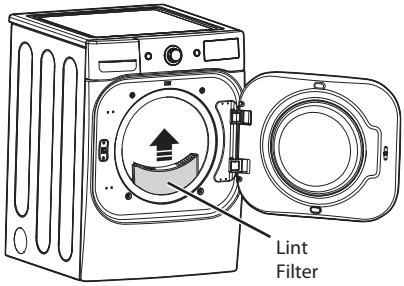
Vacuum lint and dust from around the dryer and underneath it regularly. Vent ductwork should be checked for lint buildup and cleaned at least once per year. If any noticeable reduction in airflow or drying performance occurs, immediately check ductwork for obstructions and blockages.

Maintaining Ductwork

Vent ductwork should be checked for lint buildup 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.

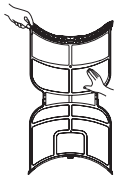
Cleaning the Lint Filter

Always clean the lint from the filter after every cycle.

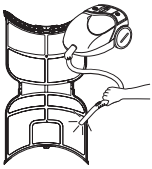


To clean, open the dryer door and pull the lint filter straight up. Then:

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



2. Vacuum the lint filter, or



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

NOTE

The lint filter has a built-in sensor. You must insert the filter and press down until the filter clicks into place. The dryer will display an F0 error code and will not operate if the lint filter is loose or missing.
NEVER operate the dryer with a wet lint filter.

FAQS: FREQUENTLY ASKED QUESTIONS

Q: Why does the LowTemp Dry+ cycle take longer to dry my clothes? How can it save energy when the dryer is running for a longer time?

A: The hybrid drying system will save energy on any cycle that uses heat. However, the LowTemp Dry+ cycle is designed to use the heat pump system as much as possible to recover heat from the air exhausted from the drum. This heat transfer cycle is both what saves energy and extends the drying time. Because the highest energy consumption in your dryer comes from creating heat, the energy saved by using the heat pump system to transfer heat rather than create heat from scratch more than offsets the energy spent to tumble the clothes.

Q: Why do I have to connect the drain hose before I use this dryer?

A: The drain hose is used to drain the condensed water from the hybrid drying system. It is important that you connect the drain hose even if you are not using the steam functions of the dryer. For information on connecting the drain hose, refer to page 20.

Q: Why does the dryer signal instead of starting the cycle, when I press the START button?

A: The signal is to alert you that the dryer door is not properly shut. Try opening the door and checking around the seal and latch areas to make sure no clothing or other items are preventing the door from closing completely. Do not overfill the dryer drum. If the load will not fit easily into the drum, allowing you to close the door, remove a few items. Once you are sure the door and latch areas are clear, close the door firmly and press the start button again.

Q: What is the maximum drain height for this dryer?

A: The drain hose should be set to drain no higher than 4.2 feet (1.3 m). If your washer standpipe drains higher than 4.2 feet (1.3 m), you will have to use one of the alternate drains suggested on page 20. You must connect the drain hose before using the dryer.

Q: What is the difference between the LowTemp Dry+ cycle and the Eco Hybrid option?

A: Choose the LowTemp Dry+ cycle for normal cotton or poly fabrics and a load of 9 pounds or less (about 18 items). This cycle can save energy over the COTTON/NORMAL cycle, depending on the load size. The Eco Hybrid option can be added to certain cycles (see the Cycle Guide on page 32) to help save energy when longer drying times are not a concern. Combining the LowTemp Dry+ cycle with the Eco Hybrid option will increase energy conservation the most but result in the longest drying times.

Q: What is the best way to dry bulky items like blankets or comforters?

A: Large, bulky items such as blankets or comforters can sometimes wrap themselves into a tight ball of fabric while drying. The outside layers will dry and register on the sensors, while the inner core remains damp. Wash and dry large, bulky items such as heavy blankets or comforters as single items. When drying a single bulky item, pause the cycle periodically and rearrange the item to unwrap and expose any damp areas. If drying a comforter, you may also throw in some clean tennis balls, or purchase dryer balls to throw in with the load, to help keep wet filling from clumping.

Q: I am getting a E13 error when the temperature gets very cold. What is causing this?

A: This may be caused by problems in the household ducting which are exposing the dryer to freezing temperatures and causing the water in the sump to freeze. Make sure that the cap and flap which vent the duct to the outside of your home are not obstructed or stuck open, allowing freezing air into the duct system. If the vent run to the outside is very short, this may also cause freezing. Once the duct issues have been addressed, either allow the system to warm up overnight or run a Time Dry cycle or Air Dry cycle until the ice in the sump melts.

TROUBLESHOOTING

Before calling for service

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

Problem	Possible Causes	Solutions
Dryer will not turn on	• Power cord is not properly plugged in. • House fuse is blown, circuit breaker has tripped, or power outage has occurred.	• Make sure that the plug is plugged securely into a grounded outlet matching the dryer's rating plate. • 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.
Dryer does not heat	• House fuse is blown, circuit breaker has tripped, or power outage has occurred. • Gas supply or service turned off (gas models only).	• 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. • Confirm that the house gas shutoff and the dryer gas shutoff are both fully open.
Greasy or dirty spots on clothes	• Fabric softener used incorrectly. • Clean and dirty clothes being dried together.	• Confirm and follow the instructions provided with your fabric softener. • Make sure to use your dryer to dry only clean items, because dirty items can soil clean clothes placed in the same or subsequent loads. • Stains on dried clothes are actually stains that were not removed during the washing process. Make sure that clothes are being completely cleaned according to the instructions for your washer and detergent.
Display shows error code tE1 ~ tE7	• Thermistor is malfunctioning.	• Turn off the dryer and call for service.
Lint on clothes	• Lint filter not cleaned properly. • Laundry not sorted properly. • Excess static in clothes. • Dryer is overloaded. • Tissue, paper, etc., left in pockets.	• Make sure the lint filter is cleaned before every load. With some loads that produce high amounts of lint, it may be necessary to clean the filter during the cycle. • 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). • See the Excess static in clothes after drying section below. • Divide larger loads into smaller loads for drying. • Check pockets thoroughly before washing and drying clothes.
Excess static in clothes after drying	• Fabric softener not used or used incorrectly. • Clothes dried too long (overdried). • Drying synthetics, permanent press, or synthetic blends.	• Use a fabric softener to Reduce Static electricity correctly. Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product. • 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. • These materials can cause static buildup. Try using a fabric softener.
Display shows error code PS	• Power cord connection is incorrect.	• Check the connection of power cord to the terminal block. Refer to 23-27 pages on this manual.
Display shows error code F0	• Lint filter not properly installed.	• Make sure the lint filter is properly installed. The alarm will stop and the display will show the estimated time remaining.

Before Calling For Service (cont.)

Problem	Possible Causes	Solutions
Water and Pumping Sound is heard, When display shows 2minutes	• This is normal.	• These are normal sounds that occur when the dryer performs an internal cleaning and draining function.
Compressor does not operate for about three minutes when Restart	• This is normal	• The system has a built-in delay to prevent the compressor from starting until the internal pressures have equalized.
Drying time is not consistent	• Heat settings, load size, or dampness of clothing is not consistent.	• The drying time for a load will vary depending on the heat setting, 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 ducts and lint filter.
Clothes take too long to dry	• Load is not properly sorted. • Large load of heavy fabrics. • Dryer controls are not set properly. • Lint filter needs to be cleaned. • Exhaust ducts blocked, dirty, or duct run is too long. • House fuse is blown, circuit breaker has tripped, or power outage has occurred. • Dryer is overloaded. • Dryer is underloaded.	• Separate heavy items from lightweight items. Larger and heavier items take longer to dry. • 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. • Use the appropriate control settings for the type of load you are drying. • Make sure the lint filter is cleaned before every load. With some loads that produce high amounts of lint, it may be necessary to clean the filter during the cycle. • Confirm that the exhaust ductwork 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. • 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. • Divide larger loads into smaller loads for drying. • If you are drying a very small load, add a few extra items to ensure proper tumbling action.
Clothes are wrinkled	• Clothes dried too long (overdried). • Clothes left in dryer too long after cycle ends.	• Overdrying a load of laundry can lead to wrinkled clothes. Try a shorter drying time, and remove items while they still retain a slight amount of moisture. • Remove items from the dryer immediately at the end of the cycle. Use the Wrinkle Care option to continue tumbling clothes at the end of the cycle, for up to 3 hours.
Clothes are shrinking	• Garment care instructions are not being followed.	• To avoid shrinkage, please carefully follow the fabric care instructions for your garment, because 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.
Add indicator light is on during the drying cycle	• Water supply error.	• Check steam feeder drawer: (1) Make sure steam feeder is filled with water to MAX line. (2) Make sure steam feeder is seated properly and drawer is fully closed. (3) Turn the dryer off then restart the Steam cycle. • Do not use distilled water; the water level sensor in steam generator will not work. • Pump not working. Unplug dryer and call for service.

Before calling for service (cont.)

Problem	Possible Causes	Solutions
Water drips from nozzle when Steam Cycle starts	• This is normal.	• This is steam condensation. The dripping water will stop after a short time.
The display shows “d90”, “d95” d90 d95	• The duct work is about 90%-95% blocked.(“d90” or “d95” error code displayed 2 hours only) • House exhaust system or product lint filter blocked.	• **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. • 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. • Check and clean the lint filter.
The display shows “E13”	• The drain hose is kinked, crushed or clogged. • The water in the sump is frozen. • The drain hose is too high.	• Check the drain hose to make sure it is not kinked, crushed or clogged. • Check the condition of the outside exhaust hood. If outside temperatures are well below freezing and the cold outside air can blow into the dryer, the sump could freeze. Repair the hood or temporarily block the hood and allow several hours for the sump to thaw. • Maximum drain height is 4.2 ft (1.3 m). Refer to Connecting the Drain Hose section for alternative drain solutions.
Water leaking around dryer	• Is a drain pipe or a drain hose clogged or not connected.	• Unclog the drain pipe or drain hose. Contact a plumber if necessary.
Tick Tick sound is heard when Turn on the dryer while several second.	• This is normal.	• This sound is Initialized the LEV.
Steam does not generate but no error code is shown	• Water level error.	• Unplug dryer and call for service.
Garments still wrinkled after Steam Fresh™	• Too many or too different types of garments in dryer.	• Small loads of 1 to 5 items work best. • Load fewer garments. Load similar-type garments.
There are no creases left on garment after Steam Fresh™	• The function of this cycle is to remove wrinkles from fabric.	• Use an iron to make creases.
Garments have static after Reduce Static	• This is normal.	• Depends on individual moisture level in skin.
Garments are too damp or too dry after Reduce Static	• Correct drying options not selected.	• Select load weight manually before starting Reduce Static option.

Before calling for service (cont.)

Problem	Possible Causes	Solutions
Garments are not uniformly damp after Easy Iron	• Number of garments or load size not properly selected at the beginning of the cycle.	• Select the correct number or garments or load size before starting the cycle.
Water drips from door during Steam Cycle	• This is normal.	• Condensation will normally form on the inside of the dryer door during steam operation. Some condensation may drip out the bottom of the door.
Steam is not visible during Steam Cycle	• This is normal.	• Steam vapor is difficult to see when the door is closed. However, condensation will normally form on the inside of the dryer door if the steam system is operating normally.
Drum does not turn during Steam Cycle	• This is normal.	• The drum is turned off so that the steam vapor remains in the drum. The drum will normally turn for about 2 seconds once a minute.
Cannot see steam vapor at the beginning of cycle	• This is normal.	• Steam is released at different stages of the cycle for each option.
The display shows bIg	• More Time button pressed.	• This display indicates that the steam option has been set for a "bIg" item such as a comforter. Press the Less Time button to reduce the indicated load size.
Odors remain in clothing after Steam Fresh™	• Steam Fresh™ did not remove odor completely.	• Fabrics containing strong odors should be washed in a normal cycle.
CHECK FILTER light is on during the drying cycle	• Lint filter is almost clogged or full.	• Pause the drying cycle and clean the lint filter.
FLOW SENSE™ indicator shows four bars during the drying cycle	• Ductwork is too long or has too many turns/restrictions. • Significant blockage of the ductwork due to lint buildup or debris. • The appliance has detected a restriction in the external dryer venting.	• Install a shorter or straighter duct run. See the Installation Instructions. • Ductwork should be checked/cleaned soon. Dryer can be used in this condition, but drying times may be longer. • If exhaust restrictions are sensed by the FLOW SENSE™ system, the indicator will remain on for two hours after the end of the cycle. Opening the door or pressing the POWER button will turn off the display.

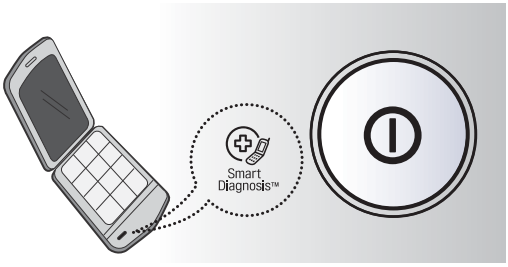
SPECIFICATIONS

Steam Dryer™ Models	DLHX4072*
Description	Steam Dryer
Electrical Requirements*	Please refer to the rating label regarding detailed information.
Dimensions	27" (W) X 30" (D) X 39" (H), 51" (D with door open) 68.6 cm (W) X 76.1 cm (D) X 99.1 cm (H), 129.7 cm (D with door open)
Net Weight	167.5lbs(76kg)
Drying Capacity - Steam Cycle	IEC 7.3 cu.ft. (8 lb/3.6 kg)
Allowable temperature	41°F~ 95°F(5°C ~ 35°C)

USING SMART DIAGNOSIS™

Should you experience any problems with your dryer, it has the capability of transmitting data to your Smart Phone using the LG Smart Laundry Application or via your telephone to the LG call center.
Smart Diagnosis™ cannot be activated unless your dryer is turned on by pressing the Power button. If your dryer is unable to turn on, then troubleshooting must be done without using Smart Diagnosis™.

Audible Diagnosis



Smart Diagnosis™ Using Your Smart Phone

1. Download the LG Smart Laundry application on your smart phone.
2. Open the LG Smart Laundry application on your smart phone. Press the right arrow button to advance to the next screen.
3. Press the Record button on the smart phone and then hold the mouth piece of the smart phone near the Smart Diagnosis™ logo on the dryer.
4. With the phone held in place, press and hold Temp. Control button for three seconds.
5. Keep the phone in place until the tone transmission has finished. The display will count down the time.
6. When the recording is complete, view the diagnosis by pressing the Next button on the phone.

NOTE

Smart Diagnosis is a troubleshooting feature designed to assist, not replace, the traditional method of troubleshooting through service calls. The effectiveness of this feature depends upon various factors, including, but not limited to, the reception of the cellular phone being used for transmission, any external noise that may be present during the transmission, and the acoustics of the room where the machine is located.
Accordingly, LG does not guarantee that Smart Diagnosis would accurately troubleshoot any given issue.

Smart Diagnosis™ Through the Call Center

1. Call the LG call center at: (LG U.S.) 1-800-243-0000 (LG Canada) 1-888-542-2623.
2. When instructed to do so by the call center agent, hold the mouthpiece of your phone over the Smart Diagnosis™ logo on the machine. Hold the phone no more than one inch (but not touching) the machine.

NOTE

Do not touch any other buttons or icons on the display screen.

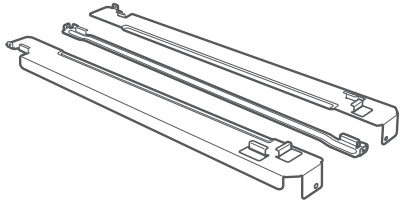
3. Press and hold the Temp. Control button for three seconds.
4. Keep the phone in place until the tone transmission has finished. This takes about 6 seconds and the display will count down the time.
5. Once the countdown is over and the tones have stopped, resume your conversation with the call center agent, who will then be able to assist you in using the information transmitted for analysis.

OPTIONAL ACCESSORIES

Stacking kit installation

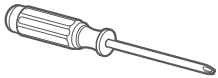
This stacking kit includes:

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



Tools Needed for Installation:

- Phillips screwdriver

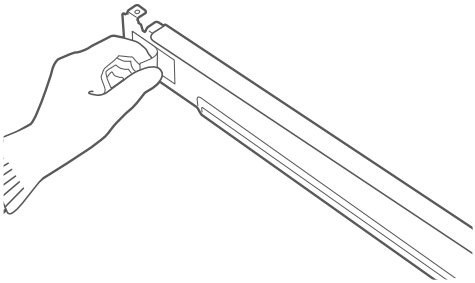


To ensure safe and secure installation, please observe the following instructions.

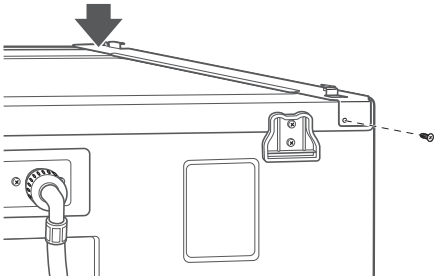
⚠WARNING

- **Incorrect installation can cause serious accidents.**
- **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.** There is a risk of serious back injury or other injuries.
- **Do not use the stacking kit with a gas dryer in potentially unstable conditions such as a mobile home.** Failure to follow this warning can result in serious injury.
- **Place the washer on a solid, stable, level floor capable of supporting the weight of both appliances.** Failure to follow this warning can result in serious injury.
- **Do NOT stack the washer on top of the dryer.** Failure to follow this warning can result in serious injury.
- **If appliances are already installed, disconnect them from all power, water, or gas lines and from draining or venting connections.** Failure to do so can result in electrical shock, fire, explosion, or death.

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.

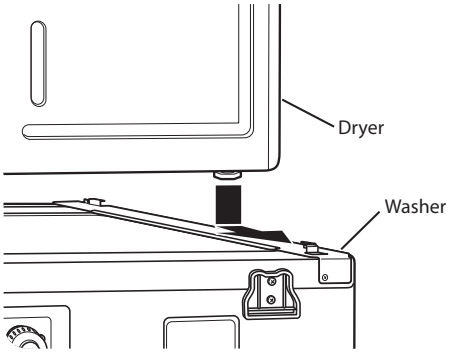


2. Fit the side bracket to the side of the washer top as shown in the above illustration. Firmly press the adhesive area of the bracket to the washer surface. Secure the side bracket to the washer with a screw on the back side of the bracket. Repeat steps 1 and 2 to attach the other side bracket.

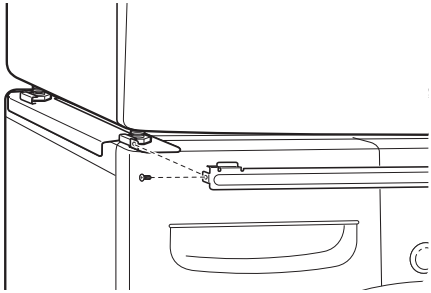


Stacking kit installation (cont.)

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.



LG ELECTRONICS, INC.
LG DRYER LIMITED WARRANTY - USA

Your LG Dryer will be will repaired or replaced, at LG's option, if it proves to be defective in material or workmanship under normal use, during the warranty period ("Warranty Period") set forth below, effective from the date ("Date of Purchase") of original consumer purchase of the product. This warranty is good only to the original purchaser of the product and effective only when used in the United States, including Alaska, Hawaii, and U.S. Territories.

WARRANTY PERIOD:	HOW SERVICE IS HANDLED:
LABOR: One Year from the Date of Purchase. **PARTS: One Year** from the Date of Purchase. Replacement Units and Repair Parts may be new or remanufactured. Replacement Units and Repair Parts are warranted for the remaining portion of the original unit's warranty period. Dryer drum 10 year limited warranty. 10 year warranty on Dryer Drum, including parts & labor.	**In-Home Service:** Please retain dealer's dated bill of sale or delivery ticket as evidence of the Date of Purchase for proof of warranty, and submit a copy of the bill of sale to the service person at the time warranty service is provided. **Please call 1-800-243-0000 and choose the appropriate option to locate your nearest LG Authorized Service Center.** Or visit our Web site at: http://www.lgservice.com.

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 APPLY TO:

- Service trips to your home to deliver, pick up, and/or install the product, instruct, or replace house fuses or correct wiring, or correction of unauthorized repairs.
- Damages or operating problems that result from misuse, abuse, operation outside environmental specifications or contrary to the requirements of precautions in the Operating Guide, accident, vermin, fire, flood, improper installation, acts of God, unauthorized modification or alteration, incorrect electrical current or voltage, or commercial use, or use for other than intended purpose.

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

CUSTOMER INFORMATION CENTER NUMBERS

To obtain Customer Assistance, Product Information, or Dealer or Authorized Service Center location:	**Call 1-800-243-0000** (24 hours a day, 365 days per year), and select the appropriate option from the menu. **Or visit our Web site at: http://www.lgservice.com.**

TO CONTACT LG ELECTRONICS BY MAIL:
LG Customer Information Center
P. O. Box 240007
201 James Record Road
Huntsville, Alabama 35824
ATTN: CIC

Product Registration Information

Model:

Serial Number:

Date of Purchase:

The model and serial number can be located on the rating plate inside the front door.

This product qualifies for ENERGY STAR in the "factory default (Home Use)" setting. Changing the factory default settings or enabling other features may increase power consumption that could exceed the limits necessary to qualify for ENERGY STAR.

LG Customer Information Center
1-800-243-0000 USA
1-888-542-2623 CANADA
Register your product Online!
www.lg.com