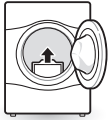


OPERATION

⚠ WARNING

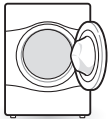
To reduce the risk of fire, electric shock, or injury to persons, read this entire manual, including the **IMPORTANT SAFETY INSTRUCTIONS**, before operating this dryer.

Using the Dryer



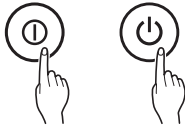
1 Clean the Lint Filter

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



4 Select a Cycle

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

NOTE

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



5 Begin the 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 60 minutes of being paused, the dryer will shut off and the settings will be lost.



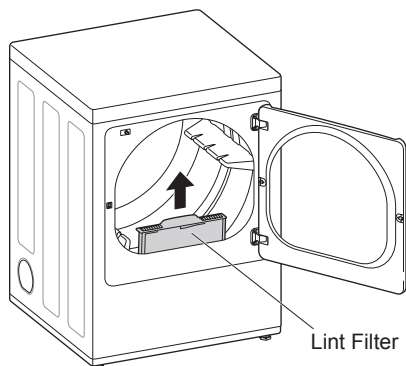
6 End of Cycle

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

Check the Lint Filter Before Every Load

Always make sure the lint filter is clean before starting a new load; a clogged lint filter will increase drying time. To clean, pull the lint filter straight up and roll any lint off the filter with your fingers. 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. Running the dryer with a loose or missing lint filter will damage the dryer and articles in the dryer.



Sorting Loads

Fabric Care Labels

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

Fabric Care Labels

Tumble dry

Dry	Normal	Permanent Press/ wrinkle resistant
Gentle/ delicate	Do not tumble dry	Do not dry (used with do not wash)

Heat setting

High	Medium	Low	No heat/air

Group 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. For best fabric care results, always dry fabrics with similar care requirements together.

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 may 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 may result in fire, explosion, or death.

NOTE

Loading Tips

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

Using the LG EasyLoad™

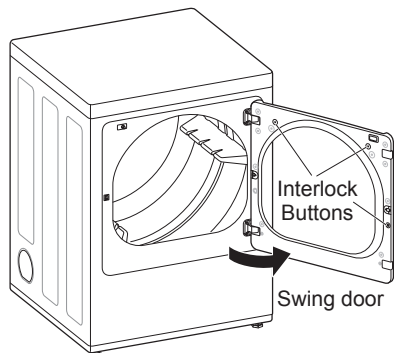
Swing Door

Use the swing door when unloading, or when loading bulkier items, for easy access to the drum.

To open the swing door, grasp the top of the door on the side opposite the hinge and pull.

NOTE

Make sure the hamper door release is completely closed before using the swing door.



⚠ WARNING

Do not press the three interlock buttons when the door is open. The door may fall off and cause serious injury.

- **Do not place heavy items on or lean against the top of the door when it is open.**

The dryer could tip forward, causing injury or property damage.

Hamper Door (on some models)

Use the hamper door when loading. The hamper door opens about 40 degrees and acts as a chute to help guide items into the drum and help prevent items from falling onto the floor. It also comes in handy when unloading a few small items, helping prevent the rest of the laundry from being pulled onto the floor.

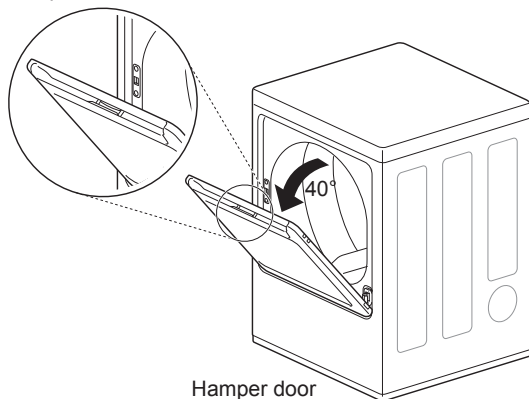
To open the hamper door, press the release on the top of the door and pull the door forward.

Make sure laundry is fully inserted in the drum before closing the door.

NOTE

Make sure the swing door latch is completely closed before pressing the hamper door release.

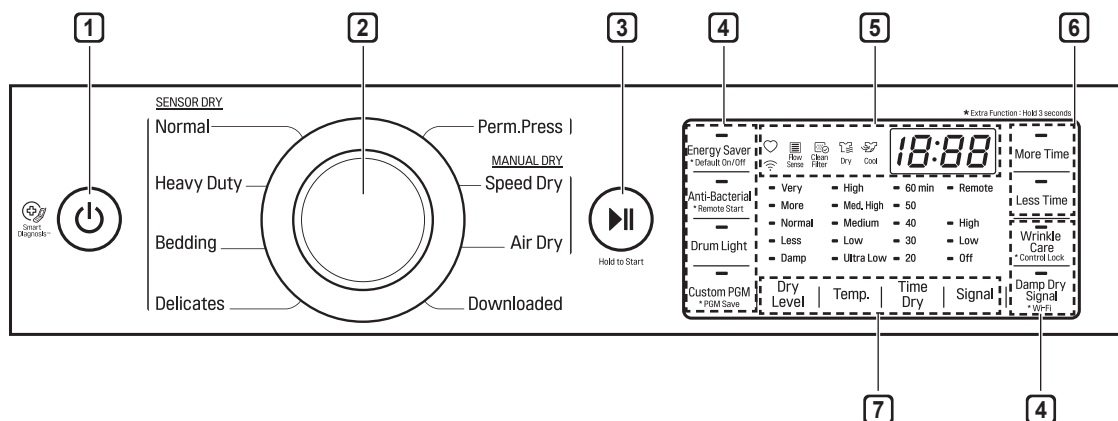
Hamper door release



⚠ WARNING

- Do not attempt to pull the hamper door open more than 40 degrees.
- Be careful when opening and closing the door. Fingers and hands can get caught in the door and cause injury if the door drops forward unexpectedly.

Control Panel



1 POWER Button

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

NOTE

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

2 Cycle Selector Knob

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

3 START/PAUSE Button

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

NOTE

If you do not press the **START/PAUSE** button to resume a cycle within 60 minutes, the dryer turns off automatically.

4 Cycle 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.

5 Time and Status Display

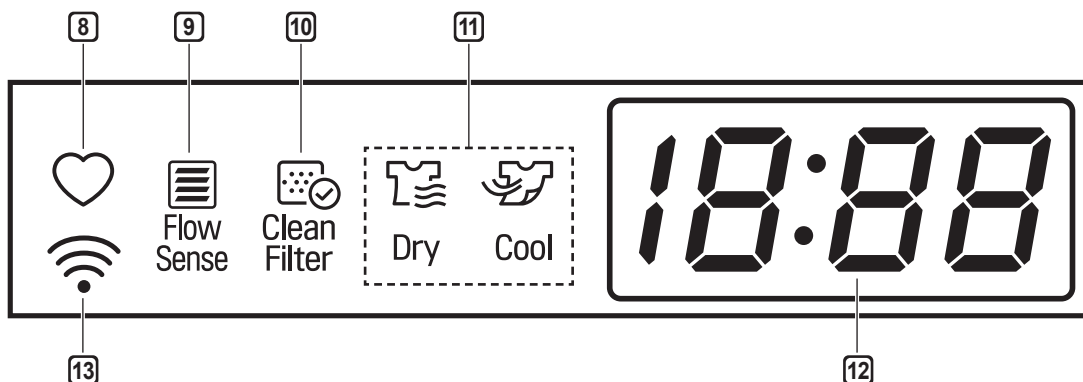
The display shows the settings, estimated time remaining, options, and status messages for the dryer.

6 MORE TIME/LESS TIME Buttons

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

7 Cycle Modifier Buttons

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

**8 Custom PGM**

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

9 Flow Sense™ Duct Blockage Sensing System Indicator

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

10 Clean Filter Reminder

The display will show Clean Filter when the dryer is turned on as a reminder to check the filter. It turns off when the **START/PAUSE** button is pressed.

11 Cycle Completion Indicator with Check Filter Reminder

This portion of the display shows which stage of the drying cycle is currently underway (Dry, Cool).

12 Estimated Time Remaining

This display shows the estimated time remaining for SENSOR DRY cycles or the actual time remaining for Time Dry or MANUAL DRY cycles.

NOTE

The cycle time on SENSOR DRY cycles may fluctuate as the dryer recalculates drying time for optimal results.

13 Wi-Fi Indicator

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

Cycle Guide

= default setting
 = allowable option

Cycle	Fabric Type	Dry Level	Temp.	More Time/ Less Time	Anti-bac- terial	Wrinkle Care	Damp Dry Signal	Energy Saver
Bedding	Comforters, pillows, shirts	Normal Dry	Medium					
		Adjustable						
Heavy Duty	Jeans, heavyweight items	Normal Dry	High		○	○	○	
		Adjustable						
Normal	Work clothes, corduroys, etc.	Normal Dry	Med. High		○	○	○	○
		Adjustable						
Perm. Press	Permanent press, synthetic items	Normal Dry	Medium			○	○	
		Adjustable						
Delicates	Lingerie, sheets, blouses	Normal Dry	Low			○	○	
		Adjustable						
Speed Dry	For small loads with short drying times	Off	High	○		○		
			Adjustable					
Air Dry	For items that require heat-free drying such as plastics or rubber	Off	No Heat	○		○		

Sensor dry cycles

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

NOTE

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

Downloaded

If you download a cycle using the Smart ThinQ application, it will be placed in the downloaded cycle position. Choose the Downloaded cycle to run the downloaded cycle.

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.



CERTIFIED BY NSF/P154

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

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

Cycle Settings and Options

Cycle Modifier Buttons

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

Dry Level

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.

Adjusts the temperature setting. This allows precise care of your fabrics and garments. Press the **Temp.** 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.

More Time/Less Time

Use the **More Time/Less Time** buttons to add or reduce the drying time of a MANUAL DRY cycle in 1-minute increments.

Signal (Option)

Press the **Signal (Option)** button repeatedly to change the volume or turn on/off the button tones and the end of cycle melody.

Cycle Option Buttons

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

Adding Cycle Options to a Cycle:

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

Wrinkle Care

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

Damp Dry Signal

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.

Special Functions

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

Drum Light

The drum is equipped with a blue LED that illuminates when the dryer is turned on. This light automatically turns off when the door is closed and the cycle starts. To turn on the light during a cycle, press the Drum Light button. The drum light will illuminate and then turn off automatically after four minutes.

* Control Lock

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

Press and hold the button marked **Control Lock** for 3 seconds to activate or deactivate the Control Lock function. The Control Lock icon will be shown in the display, and all controls will be disabled except the **POWER** button.

NOTE

Once set, Control Lock remains active until it is manually deactivated. Control Lock must be turned off to run another cycle. To deactivate Control Lock, press and hold the **Control Lock** button for 3 seconds.

Energy Saver (on some models)

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

NOTE

The Energy Saver option is turned on by default in the Normal cycle. Turn off the Energy Saver option for a faster Normal cycle which begins with heated drying.

* Default On/Off

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

Custom PGM

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

Saving 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 PGM** button for 3 seconds.

NOTE

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

Recalling a Custom Program:

- 1 Turn on the dryer.
- 2 Press the **Custom PGM** button.
- 3 Press the **START/PAUSE** button to start the cycle.

SMART FUNCTIONS



Smart ThinQ Application

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

Installing Smart ThinQ Application

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

Smart ThinQ Application Features

- For appliances with the  or  logo.

Dryer Cycle (Remote Start, Downloaded)

Set or download any preferred cycle and operate by remote control.

Smart Pairing

This function automatically selects the best cycle and settings for the dryer based on usage information from the most recently completed wash cycle.

NOTE

- If the Smart Pairing function is enabled in the LG SmartThinQ app, when you turn on the dryer after using the washer, the recommended dryer cycle is automatically set.
- To use this function, both the washer and dryer must be connected to Wi-Fi.

Venting Tips

Provides venting tips.

Smart Diagnosis™

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

Energy Monitoring

The dryer energy usage is affected by the cycles and options so you may see some changes in energy usage from one cycle to another.


Push Alerts

When the cycle is complete or the appliance has problems, you have the option of receiving push notifications on a smart phone.

Settings

Set the product nickname and delete product.

NOTE

- To verify the Wi-Fi connection, check that **Wi-Fi**  icon on the control panel is lit.
- LG Smart ThinQ is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.

- The machine supports 2.4 GHz Wi-Fi networks only.
- If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.
- The Wi-Fi connection may not connect or may be interrupted because of the home network environment.
- The network connection may not work properly depending on the internet service provider.
- The surrounding wireless environment can make the wireless network service run slowly.
- This information is current at the time of publication. The application is subject to change for product improvement purposes without notice to users.

Using Dryer Cycle

Remote Start

Use a smart phone to control the appliance remotely or check to see how much time is left in the cycle.

Using Remote Start

- 1 Press the **POWER** button.
- 2 Load the laundry.
- 3 Press and hold **Remote Start** button for 3 seconds to enable the Remote Start function.
- 4 Start a cycle from the LG Smart ThinQ application on your smart phone.

NOTE

- Once the Remote Start mode is enabled, you can start a cycle from the LG Smart ThinQ smartphone application. If the cycle is not started, the machine will wait to start the cycle until it is turned off remotely from the application or the Remote Start mode is disabled.
- If the door is open, Remote Start is disable.

Disabling Remote Start

When the Remote Start is activated, press and hold the **Remote Start** button for 3 seconds.

Downloaded

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

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

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

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

Wireless LAN Module Specifications

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

FCC Notice (For transmitter module contained in this product)

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

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

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

FCC RF Radiation Exposure Statement

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

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

Open Source Software Notice Information



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

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

Smart Diagnosis™ Function

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

Smart Diagnosis™ through the Customer Information Center

- For appliances with the  or  logo.



This gives you the capability of speaking directly to our trained specialists. The specialist records the data transmitted from the appliance and uses it to analyze the issue, providing a fast and effective diagnosis.

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

NOTE

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

Smart ThinQ Smart Diagnosis™

- For appliances with the  or  logo.

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

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

NOTE

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

MAINTENANCE

Regular Cleaning

⚠ WARNING

To reduce the risk of fire, electric shock, or injury to persons 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 may cause **serious injury, fire, electric 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 may scratch or damage the surface.

Cleaning Around and Under the Dryer

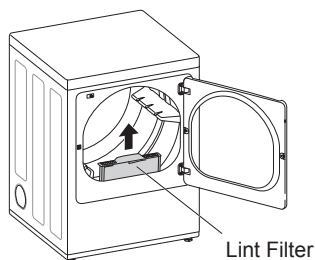
Vacuum lint and dust from around the dryer and underneath it regularly. Vent ductwork should be checked for lint buildup and cleaned at least once per year. If any noticeable reduction in airflow or drying performance occurs, immediately check ductwork for obstructions and blockages.

Maintaining Ductwork

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

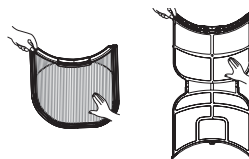
Cleaning the Lint Filter

Always clean the lint from the filter after every cycle.

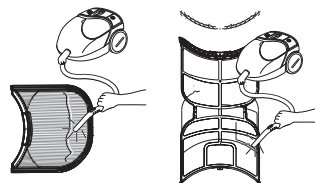


To clean, open the dryer door and pull the lint filter straight up. Then:

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



- 2 Vacuum the lint filter.



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



NOTE

NEVER operate the dryer without the lint filter in place. **NEVER** operate the dryer with a wet lint filter.