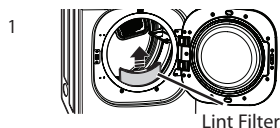


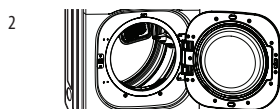
OPERATION

Operating the Dryer



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.



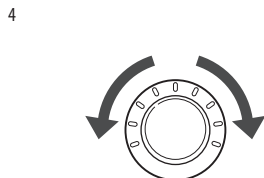
LOAD THE DRYER

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.



TURN ON THE DRYER

Press the ON/OFF button to turn on the dryer. The cycle LEDs illuminate and a signal sounds, if turned on. Refer to page 10.



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. Refer to page 33. 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 35. Cycle options can be added using the option buttons as shown on page 35-38.

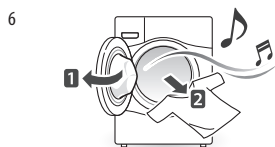
! NOTE

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.



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



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

■ = default setting
○ = allowable option

Cycle	Fabric Type	Dry Level	Temperature	Time	More Time/ Less Time	Wrinkle Care	Turbo Steam	Damp Dry Signal	Reduce Static	Energy Saver
Steam Fresh™	Comforters, shirts, Trousers (except Especially delicate Fabrics)	Off	Mid High	10	○	○	○			
			Adjustable	Adjustable						
Steam Sanitary™	Comforters, bedding, Children's clothing	Off	High	31		○	○			
Anti Bacterial	Do not use this cycle With delicate fabrics.	Very	High	70		○				
Bulky/Large	Comforters, pillows, Shirts	Normal	Medium	55					○	
		Adjustable								
Perm. Press	Permanent press, Synthetic items	Normal	Low	32		○	○	○	○	
		Adjustable								
Cotton/Normal	Work clothes, Corduroys, etc.	Normal	Medium	Elec:57 Gas:63		○	*	○	○	○
		Adjustable								
Heavy Duty	Jeans, heavyweight Items	Normal	High	54		○	○	○	○	
		Adjustable								
Sports Wear	Sports Wear	Off	-	27		○			○	
Delicates	Lingerie, Sheets, blouses	Normal	Low	28		○		○	○	
		Adjustable								
Towels	Denim, towels, Heavy cottons	Normal	Mid High	55		○		○	○	
		Adjustable								
Speed Dry	For small loads with Short drying times	Off	High	25	○	○			○	
			Adjustable	Adjustable						
Freshen Up	For removing light Wrinkles from clothing	Off	Mid High	20	○	○			○	
			Adjustable	Adjustable						
Air Dry	For items that require Heat-free drying such as plastics or rubber	Off	Off	30	○	○				
				Adjustable						

* TurboSteam can only be selected if the Energy Saver is turned off.

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 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.

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.

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**.

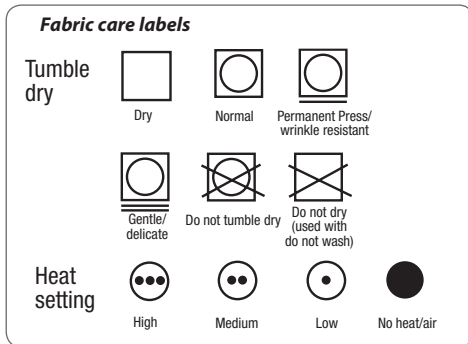
These default settings cannot be changed.

• Do NOT use this cycle with delicate items or fabrics.

Sorting Loads

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

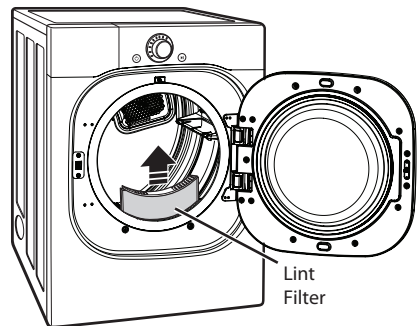
- Combine large and small items in a load.
- Damp clothes will expand as they dry. Do not overload the dryer; clothes require room to tumble dry properly.
- Close zippers, hooks, and drawstrings to prevent these items from snagging or tangling on other clothes.

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. Running the dryer with a loose or missing lint filter will damage the dryer and articles in the dryer.



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.

! 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 increases the cycle time, while LESS DRY or DAMP DRY decreases 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 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.

SIGNAL

Adjusts the volume of the Signal or turns off the Signal. Press the button repeatedly until the desired volume setting is illuminated.

Special Functions

The option buttons also activate special functions, including CHILD LOCK.

Select the option by pressing the option button. Press and hold the option button to select special features marked with the asterisk (*), such as Child Lock.

* **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 button for 3 seconds to activate or deactivate the CHILD LOCK function.

The CHILD LOCK icon is shown in the display, and all controls are disabled except the ON/OFF 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 button for three seconds.

DAMP DRY SIGNAL

With this option, the dryer signals when the load is approximately 80% dry. This allows you to remove faster-drying lightweight items or items that you would like to iron or hang while still slightly damp. Press the DAMP DRY SIGNAL button.

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.

ENERGY SAVER

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

! **NOTE**

The Energy Saver option is turned on by default in the Cotton/Normal cycle.

Turn off the Energy Saver option for a faster Cotton/Normal cycle which begins with heated drying.

* **Default On/Off**

This option allows the Energy Saver settings to be changed.

To turn the Energy Saver default off, press and hold the Energy Saver button for three seconds.

ON or OFF appears in the display.

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 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 will be shown in the display.
4. Press and hold the PGM Save button for 3 seconds.

NOTE

You may save only one custom program at a time. Pressing and holding the PGM Save 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.

Steam Functions

LG's new steam technology allows you to inject fabrics with a swirling jet of hot steam to refresh clothes. Simply select the STEAM FRESH™ cycle, or you can add a steam option to selected cycles.

The STEAM FRESH™ Cycle

STEAM FRESH™ uses the power of steam 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

- The TurboSteam option is activated by default when the Steam Fresh™ or Steam Sanitary™ cycles are selected.
- 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 1, 3, 5, or $\frac{b}{1} \frac{g}{2}$. 3 means 3 or fewer items, 5 is for 4 or 5 items, and $\frac{b}{1} \frac{g}{2}$ indicates a large load such as a comforter.

Using the STEAM FRESH™ Cycle

1. Turn on the dryer and turn the cycle selector knob to select the STEAM FRESH™ cycle.
2. To add an option function, select TurboSteam, 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 Hold to Start to start the cycle.

Adding STEAM to a Standard Cycle

1. Turn on the dryer and turn the cycle selector knob to select the Normal, Perm. Press, or Heavy Duty cycle.
2. Use the cycle modifier buttons to adjust the settings for that cycle.
3. Press the TurboSteam button.
4. Press START/PAUSE to start the cycle.

The STEAM SANITARY™ Cycle

The STEAM SANITARY™ cycle is ideal for sanitizing non-washable items quickly and easily using only steam. This cycle is recommended for use with cotton and polyester materials only. (Do NOT use for urethane foam, down feathers or delicate 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 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 clothing or blankets, leather jackets, silk, wet clothes, lingerie, foam products, or electric blankets.
- For best results, load articles of similar size and fabric type. Do not overload.
- When the filter/duct is clogged, the steam option may not have optimal results.
- When the steam function is operating, the drum will stop to allow steam to stay in the drum.

Steam Cycle Guide

	Steam	Default Time	Temp. Control	Dry Level	Fabric State	Fabric Type	Maximum Amount
Steam Sanitary™		31 minutes			Dry	Comforter Bedding	Single (1 each)
			Children's clothing	3 lbs.			
Steam Fresh™		10 minutes	○		Dry	Comforter	Single (1 each)
						Shirts*	5 each
Steam Option	+ Reduce Static	Follows Selected Cycle		○	Wet	Varies by selected cycle	8 lbs. (18 Items.)
	+ Turbo Steam					○	Wet
Time Dry	+ Reduce Static	38 minutes	○		Wet	Varies by selected cycle	8 lbs. (18 Items.)

*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.

SMART FUNCTIONS

Using the Tag On Function

Conveniently use the smart features to communicate with the appliance right from a smart phone.

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

Installation of the Application

Search for the LG Smart Laundry&DW application from the Google Play Store on a smart phone.

Product Registration

1. Run the LG Smart Laundry&DW application on a smart phone.
2. Select **Smart Appliance**.
3. Select **Dryer**.
4. Position the smart phone so that the built-in NFC antenna in the back of the smart phone matches the position of the Tag On icon on the appliance.
 - If the NFC antenna location is unknown, hold the back of the smart phone over the Tag On icon and move the phone very slightly in a circular motion until the application verifies the connection.

NOTE

- Press ? in the LG Smart Laundry&DW application for a more detailed guide on how to use the Tag On function.
- To operate the NFC function in this machine requires a smart phone which has at least a certain level of NFC recognition function.
- Because of the characteristics of NFC, if the transmission distance is too far, or if there is a metal sticker or a protective case on the phone, transmission will not be good. In some cases, NFC-equipped phones may be unable to transmit successfully.
- The content found in this manual may differ from the current version of the LG Smart Laundry&DW application, and the software may be modified without informing customers.

Using the Application

Use LG Cycle Set, Download Cycle, Smart Diagnosis™, Laundry Stats, and other apps by touching the LG appliance's Tag On logo with an NFC-equipped smart phone.

Cycle Set

Choose the best cycle and settings based on laundry needs.

Once you have selected a cycle based on the cycle set guide, the cycle and settings are automatically set.

Download Cycle

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

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

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

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

Smart Diagnosis™

Use a phone to record the Smart Diagnosis™ signal to solve problems with the appliance. The application can analyze the signal and help solve the problem without waiting for a technician.

Laundry Stats

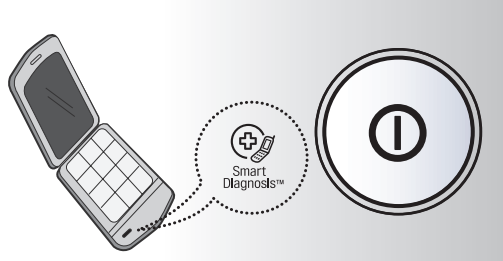
Learn basic stats about the appliance such as the cycle history and basic maintenance timing.

Select laundry stats at the application to get the stats and find out when the washer's next tub clean is due.

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 ON/OFF 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 mouthpiece 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 from (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. 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.