OPERATION

Operating the Dryer

1

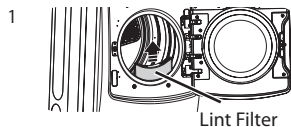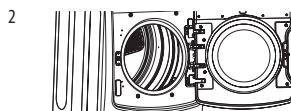Lint Filter

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.
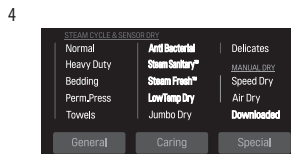
2

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 illuminate and a signal sounds, if turned on. Refer to page 12.

4

SELECT A CYCLE

Press the cycle selector buttons repeatedly until the desired cycle is selected. The preset temperature, dry level, and option settings for that cycle will be shown. Refer to page 35. 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 38. Cycle options can be added using the option buttons as shown on page 38-40.

> **⚠ 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 and hold the Start button to begin the cycle. The cycle can be paused at any time either by opening the door or by pressing the Start 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.

ENGLISH

Cycle Guide

▭ = default setting

○ = allowable option

Cycle	Fabric Type	Dry Level	Temperature	Time	More Time/ Less Time	Wrinkle Care	Turbo Steam	Damp Dry Signal	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	1:10		○			
LowTemp Dry	Only normal / towels fabric type (Max 3lb)	Normal	High	50		○			
		Adjustable							
Bedding	comforters, pillows, shirts	Normal	Medium	55		○			
		Adjustable							
Heavy Duty	jeans, heavyweight items	Normal	High	54		○	○	○	
		Adjustable							
Normal	work clothes, corduroys, etc.	Normal	Medium	41		○	○	○	○
		Adjustable							
Jumbo Dry	comforters, pillows, shirt	Normal	Medium	1:25		○			
		Adjustable							
Perm. Press	permanent press, synthetic items	Normal	Low	32		○	○	○	
		Adjustable							
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					
Air Dry	For items that require heat-free drying such as plastics or rubber	Off	Off	30	○	○			
				Adjustable					

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.

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.

NSF 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**.
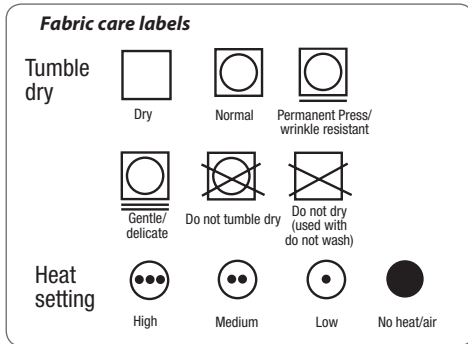 These default settings cannot be changed.
• Do NOT use this cycle with delicate items or fabrics.

Sorting Loads

Fabric care labels

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

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

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.
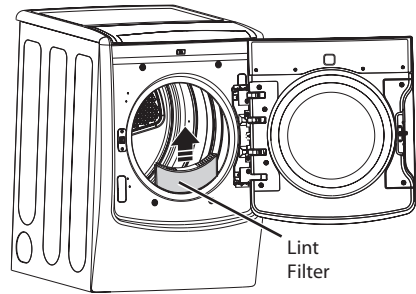
🛈 NOTE
Loading tips

• 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.
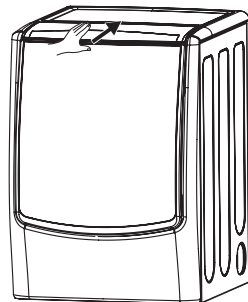

Lint Filter

Storage Under the Lid

· Under the lid are three small storage spaces.
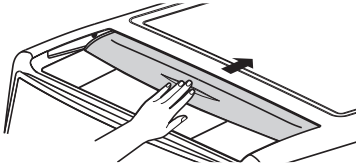· To open the lid, slide it back.

⚠WARNING

Do not store flammable substances or adhesives under the lid.

Using the Lid

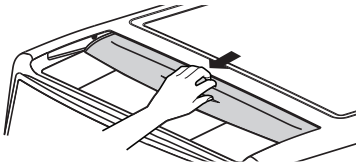**Opening the lid**

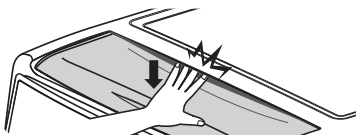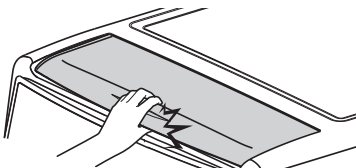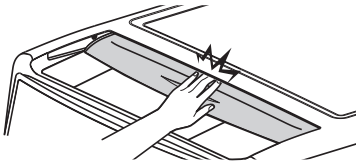- Push the front handle to slide the lid open.

Closing the lid

- Pull the top of the handle to slide the lid closed.

⚠ **WARNING**

• To avoid injury, do not place fingers under the lid or between the lid and the cabinet when pressing or sliding the top lid open or closed.

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 or VERY increases the cycle time, while LESS or DAMP decreases the cycle time.

• Use a LESS or DAMP setting for items that you wish to iron.

TEMP.

Adjusts the temperature setting from ULTRA LOW to HIGH. 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. 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 press the cycle selector buttons repeatedly 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 and hold the Start button to start the cycle. The dryer starts automatically.

SIGNAL

Adjusts the volume or turns off the button sounds and end of cycle melody. 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 POWER button.

> **⓵ 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 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.

SMART GRID

Lower your energy costs when you dry your clothes by avoiding peak usage times. See the Smart Connectivity section for more information.

*REMOTE START

Use a smart phone to control the dryer remotely. See the Smart Connectivity section for more information.

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 press the cycle selector buttons repeatedly 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 and hold the Start 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 b_I 9. 3 means 3 or fewer items, 5 is for 4 or 5 items, and b_I 9 indicates a large load such as a comforter.

Using the STEAM FRESH™ Cycle
1. Turn on the dryer and press the cycle selector buttons repeatedly 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 and hold Start to start the cycle.

Adding STEAM to a Standard Cycle
1. Turn on the dryer and press the cycle selector buttons repeatedly 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 and hold Start 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.	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	**+ Turbo Steam**	Follows Selected Cycle		○	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 APPLIANCE CONNECTIVITY

Connectivity Overview

This smart appliance offers options for how you do laundry. Once it is connected to the internet through a home Wi-Fi network, you can check the progress of a cycle and control the appliance remotely with the LG Smart Laundry application for your smart phone.

The application can be set up to send push notifications when the cycle is complete or the appliance has problems. It also provides a list of extra cycles available for download, and helps to troubleshoot problems by recording and analyzing data from the appliance. The appliance has Smart Grid capability for areas where the utility company has installed Smart Grid equipment. This feature adjusts the appliance operating times based on when electricity prices are lower or delays operation when the demand for electricity is high.

Connectivity Setup

Install LG Smart Laundry application

1. Run the Google Play Store on an Android smart phone.

2. Search for LG Smart Laundry.

3. Press LG Smart Laundry on the resulting list.

4. Press INSTALL and ACCEPT to automatically install the application. You can also check the progress through the smart phone.

5. When the installation is complete, touch the icon to access the application.

• LG Smart Laundry application for iOS devices will be supported later.

Profile Setup (ID and Password setup)

You can skip these steps if you already have an LG account at http://us.smartthinQ.com

1. Run the LG Smart Laundry application on a smart phone.

2. Select Login at the bottom of the screen.

3. Select *Create an account* at the bottom of the screen.

4. On the next page, agree to the Terms and Conditions, Privacy Policy, and LG Account Terms and Conditions. After selecting *I agree*, press Confirm.

5. Next, in the e-mail box, enter your email address. This will be your user ID. You will receive a confirmation email for activating the account at that email address.

6. Enter a password. Passwords are case sensitive. The password should be 6-12 characters. Remember your ID and password. They will be used on the LG Smart Laundry application to use Smart Appliance Connectivity functions.

7. Enter your name.

8. Enter your mobile number.

9. Press the Subscribe button. The system will send you an email containing a link to confirm your identity for the account.

10. Press the CONFIRM button in the confirmation email, and the website will display a confirmation page. Your account is now set up.

Product Registration and Wi-Fi Setup

1. Run the LG Smart Laundry application on a smart phone.

2. Select Smart Appliance.

3. Select Dryer.
   - If you see a pop-up message about NFC, press the Cancel button.

4. Press the Wi-Fi model button at the bottom of the screen.

5. Enter the email ID and password you registered. If you don't have an account at http://us.smartthinQ.com, press the Create an Account button and create a user ID and password.

6. Select the Login button.

7. On the next page, the application shows the Wi-Fi network list. Select your home network. If your network requires a key, enter the password and select the Connect button.

8. If the application successfully connects to the home network, turn on the dryer and then press and hold the Wi-Fi Connect button on the dryer for three seconds. After powering on the dryer, do not press any other buttons before pressing and holding the Wi-Fi Connect button. The Wi-Fi connection indicator on the dryer blinks to indicate the machine is connecting.

9. The application now works to connect the appliance and register it as a Wi-Fi product. A notification appears when the dryer is successfully set up and the product registration and Wi-Fi setup is complete. The Wi-Fi connection indicator illuminates when the machine connects to the home network.

🛈 NOTE

- The machine supports 2.4 GHz Wi-Fi networks only.
- Use the Settings menu in the application to register or change the machine. Select Settings > Change Product > Add Product and then follow steps 2–9 above.
- If the router or the router's password is changed, select Settings > Change Product > Add Product and then follow steps 2–9 above.
- 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.

Smart ThinQ™

Remote Start

Use a smart phone to control the appliance remotely. Or monitor the cycle operation to see the remaining time left in the cycle.

🛈 NOTE

- You must first connect to a gateway and register your appliance in order to use the Remote Start function.
- The Remote LED on the control panel should be illuminated.

Using Remote Start

1. Press and hold the Remote Start button. The Remote LED on the control panel is illuminated if the appliance is connected to a Wi-Fi network.
2. Start a cycle from the application on a smart phone. 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.

🛈 NOTE

- Cycles and options cannot be selected at the appliance when the machine is in Remote Start mode.
- Press and hold the Remote Start button again to enable the Remote Start mode when the appliance is turned off or the Remote Start mode is released.

Smart Grid

Reduce energy costs from drying clothes by avoiding peak usage periods, with information supplied by your local electric utility company.

If your utility company has equipped your home with Smart Grid technology, you will need to contact the utility company for information regarding the Smart Grid features.

🛈 NOTE

- When Smart Grid is enabled, you may experience delays or extended cycle times during peak usage periods.

🛈 NOTE

- You must first connect to a gateway and register your appliance in order to use the Smart Grid function.

Download Cycle

The Download Cycle features of this appliance allow you to 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 dryer, the product keeps the downloaded cycle until you change it to a new download cycle.

❶ NOTE

• You must first connect to a gateway and register your appliance in order to use the Download cycle function.

Smart Diagnosis™

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

Cycle Set

Cycle Set helps you choose the best cycle and settings based on your laundry needs.
Once you have selected your cycle based on the Cycle Set guide, the cycle and settings will be automatically set.

❶ NOTE

• Cycle Set function can be enabled when the Remote Start button is activated.

Laundry Stats

Laundry Stats will tell you basic stats about your appliance such as your cycle history and basic maintenance timing.
Select Laundry Stats in the application to get the stats and find out the dryer's vent status.

❶ NOTE

• You must first connect to a gateway and register your appliance in order to use the Laundry Stats function.

Smart Message

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

❶ NOTE

• You must first connect to a gateway and register your appliance in order to use the Smart Message function.

Energy Monitoring

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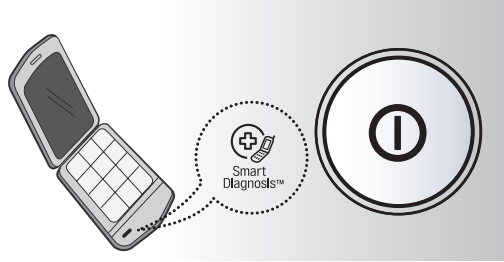
❶ NOTE

• You must first connect to a gateway and register your appliance in order to use the Energy Monitoring function.

USING Smart Diagnosis^{TM}

Should you experience any problems with your dryer, it has the capability of transmitting data to your Smart Phone using the LG Smart Laundry&DW 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&DW application on your smart phone.

2. Open the LG Smart Laundry&DW 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. button for three seconds.

5. Keep the phone in place until the tone transmission has finished. It takes time on panel displayed.

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. button for three seconds.

4. Keep the phone in place until the tone transmission has finished. It takes time on panel displayed.

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.