

OPERATION

Before Use

WARNING

- To reduce the risk of fire, electric shock, or injury to persons, read the **SAFETY INSTRUCTIONS** before operating this appliance.

Operation Overview

- 1** Sort laundry and load the washer.
 - Sort laundry by fabric type, soil level, color and load size, as needed. Open the lid and load items into the washer.
 - If using single-use detergent packs, or gel or tablet detergents, place them in the tub before loading the laundry.
- 2** Add cleaning products.
 - Add the proper amount of HE (High-Efficiency) detergent to the detergent dispenser.
 - If desired, add bleach or fabric softener to the appropriate dispensers.
 - Do not place liquid or powdered detergent packs, or gel or tablet detergents in the dispenser.
- 3** Turn on the washer.
 - Press the **Power** button to turn on the washer.
 - The lights above the cycle buttons will illuminate and a chime will sound.
- 4** Select a cycle.
 - Turn the cycle selector knob or press the cycle buttons repeatedly until the desired cycle is selected.
 - The preset wash temperature, spin speed, soil level and option settings for the selected cycle are shown.
 - The **Normal** cycle must be selected in order to change its default settings.
 - Pressing the **Start/Pause** button without selecting a cycle immediately starts the **Normal** cycle with the default settings.
- 5** Adjust settings.
 - Default settings for the selected cycle can be changed, if desired, using the cycle modifier and option buttons.
 - Not all modifiers and options are available on all cycles. A different chime sounds and the LED does not light up if the selection is not allowed.
- 6** Begin cycle.
 - Press the **Start/Pause** button to begin the cycle. The lid locks, and the washer agitates briefly without water to measure the weight of the load.
 - If the **Start/Pause** button is not pressed within a certain time, the washer shuts off and all settings are lost.

NOTE

- You must press and hold the **Power** button when turning off the appliance. This helps prevent accidentally turning it off during a cycle.

- 7** If necessary, add additional items to the tub while the **Add Garment** light is on.
 - This light turns on at the beginning of the wash cycle to indicate when it is safe to add items to the tub.
 - Press the **Start/Pause** button to pause the cycle and add items to the tub. Press the **Start/Pause** button to resume the cycle.
 - Adding items after the **Add Garment** light turns off may result in poor wash performance.
- 8** End of cycle.
 - When the cycle is finished, a melody sounds. Immediately remove the clothing from the washer to reduce wrinkling.
 - If the washer includes lint filters, remember to check lint filters after every 2 to 3 loads.

Sorting Laundry

⚠ CAUTION

- The washer can be fully loaded, but the tub should not be tightly packed with items. The lid of the washer should close easily.
- Use the **Bedding** cycle for buoyant or nonabsorbent items such as pillows or comforters. Failure to follow this caution can result in leakage.
- Clothing or articles that are waterproof or water resistant must be washed in the **Waterproof** cycle only. (Examples include water resistant clothing, mattress covers, outdoor clothes, and plastic mats.) Using another cycle may result in personal injury or damage to the washer, clothes, walls, floor, and surrounding objects due to abnormal vibration.

Grouping Similar Items

For the best washing results, and to reduce the possibility of damage to clothing, sort clothing into loads made up of similar items.

Mixing different fabric types and/or soil levels can result in poor wash performance, color transfer, discoloration, fabric damage or linting. Fabrics should be sorted into groups as described below.

Colors

Sort articles by color. Wash dark clothes separately from light colors or whites. Mixing dark clothes with light clothes can result in dye transfer or discoloration of the lighter clothes.

Soil Level

Wash heavily soiled clothing together. Washing lightly soiled clothing in the same load with heavily soiled clothing could result in poor wash performance for the lightly soiled clothing.

Fabric Type

Delicate articles should not be mixed with heavy or sturdy fabric types. Washing heavy fabrics with delicates can result in poor wash performance for the heavy fabrics and possible damage to the delicates.

Lint Type

Some fabrics attract and bind lint to them while others give off lint in the laundry process. Avoid mixing these lint collectors and lint producers in the same load. Mixing these fabrics will result in pilling and linting on the lint collectors. (For










example, lint collector - knit sweater; lint producer - terry cloth towels.)

How to Sort Laundry

By Colors	By Soil	By Fabric	By Lint
White	Heavy	Delicates	Lint Producer
Lights	Normal	Easy Care	Lint Collector
Darks	Light	Sturdy	

Fabric Care Labels

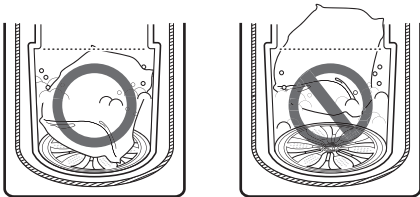
Many articles of clothing include a fabric care label. Using the chart below, adjust the cycle and option selections to care for your clothing according to the manufacturer's recommendations.

Category	Label	Directions
Washing		Hand wash
		Machine wash, Normal cycle
		Perm Press/Wrinkle Resistant setting (which has a cool down or cold spray before the slower spin)
		Gentle/Delicate setting (slow agitation and/or reduced wash time)
		Do not wash
		Do not wring
Water Temperature	...	Hot
	..	Warm
	.	Cold/Cool
Bleach Symbols		Any bleach (when needed)
		Only non-chlorine bleach (when needed)
		Do not bleach

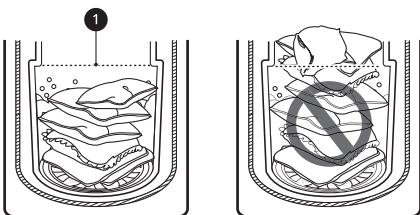
Loading the Washer

General Tips

- Check and empty pockets. Paper clips, coins, matches, etc. can damage clothing and the washer.
- Close zippers and hooks, and tie drawstrings to prevent snagging or tangling of clothes.
- Pretreat heavily stained areas for best results.
- Brush off heavy soil, dust, and hair from items before washing. Excess dirt or sand can abrade other fabrics and lead to poor wash performance.
- Combine large and small items in the tub. Load large items first. Large items should not be more than half of total load.
- For best results, load dry items only. If washing very wet items, wring out excess water before loading, or run a **Spin Only** cycle to extract excess water before adding detergent and starting the desired cycle.
- The washer can be fully loaded, but the tub should not be tightly packed with items. The lid of the washer must close easily.



- The washer will not fill or operate with the lid open.
- Do not overload the tub. Clothes should fit loosely in the tub under the maximum fill line **1**. Loading clothes over the fill line may result in damage to clothing and the washer.
 - Do not press down on items while stacking them in the tub.
 - Load clothes loosely, and do not overfill the tub. Clothes need room to circulate in order to get clean.



Bulky Items

- Do not wash entire pillows or cushions. Remove pillow or cushion inserts and wash the covers only.
- Use the **Bedding** cycle for large or bulky items such as poly-filled jackets, comforters, pillows, etc. These items may not be as absorbent as other laundry items and should be sorted into a separate wash load for best performance.
- Bulky items should be placed as far down in the tub as possible for best performance. Always place buoyant items at the bottom of the tub. The washer will automatically detect the load size. Because of the high efficiency wash system, the water level may not completely cover the load.

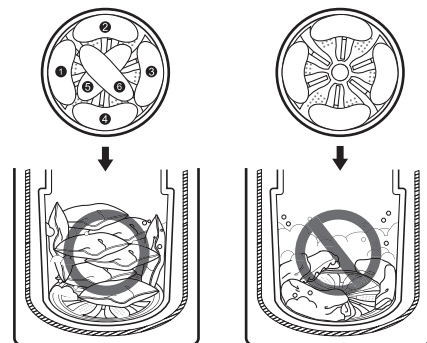
Small Items

- Do not wash a single small item. Add enough similar items to the load to prevent an out-of-balance load.
- Wash small, light items in a mesh bag. Small items can get caught in the impeller at the bottom of the tub, and brassiere hooks can damage other items or the tub.

General Tips for Models with an Impeller

If the appliance uses a low profile rotating hub in the drum, follow these instructions when loading the washer.

- For best performance, load clothes as shown.

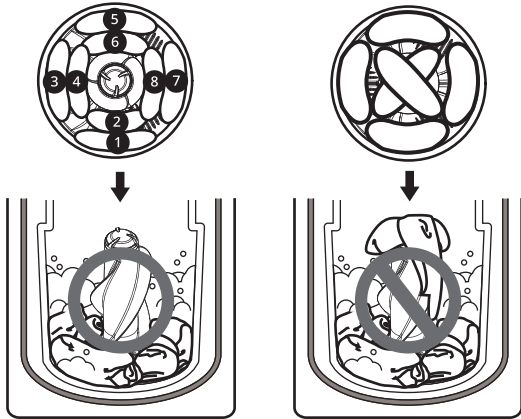


- Wash thick, bulky items individually. Heavy blankets, comforters, bedspreads, or pet beds can get tangled or cause an unbalanced load if combined with other items.

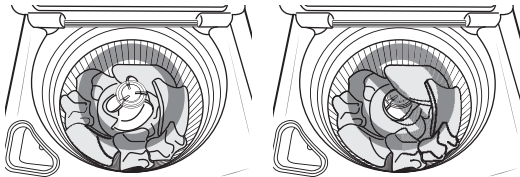
General Tips for Models with an Agitator

If the appliance uses a tall, vertical spindle in the drum, follow these instructions when loading the washer.

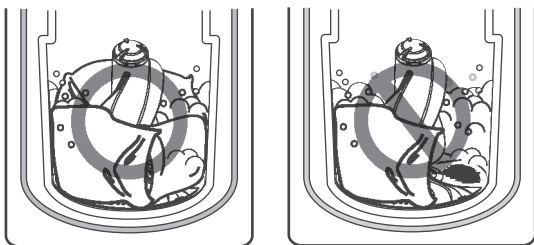
- For best performance, load clothes as shown.



- To reduce tangling, load items loosely in even piles surrounding the agitator.



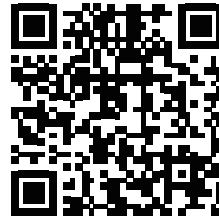
- Do not load a single bulky item unless it fills the drum. Load several small bulky items around the agitator to balance the load.



- Do not load bulky items such as pet beds that are too large or stiff to move easily around the agitator. Impeding the motion of the drum or agitator could cause damage to the items or the washer.

Additional Operation Information

This manual contains an abbreviated Operation section. For the complete Operation section, scan the QR code below or visit: <http://gscs-manual.lge.com/Total/DFZ/NA/TL/TD/main.html>



- Sorting Laundry
- Adding Cleaning Products
- Control Panel
- Wash Cycles
- Cycle Modifier Buttons
- Special Care Features
- Options and Extra Functions

SMART FUNCTIONS

LG ThinQ Application

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

LG ThinQ Application Features



Smart Diagnosis

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

Installing the LG ThinQ Application

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

Smart Diagnosis™ Function

This feature is only available on models with the  or  logo.

Use this feature to help you diagnose and solve problems with your appliance.

NOTE



- For reasons not attributable to LGE's negligence, the service may not operate due to external factors such as, but not limited to, Wi-Fi unavailability, Wi-Fi disconnection, local app store policy, or app unavailability.
- The feature may be subject to change without prior notice and may have a different form depending on where you are located.

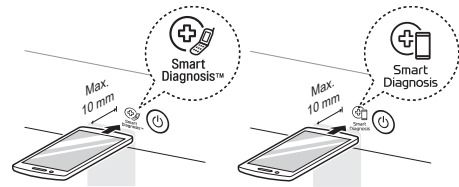
Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

- Launch the **LG ThinQ** application and select the **Smart Diagnosis™** feature in the menu. Follow the instructions for audible diagnosis provided in the **LG ThinQ** application.

- 1 Press the **Power** button to turn on the appliance.
 - Do not press any other buttons.

- 2 Hold the mouthpiece of your phone in front of the  or  logo.



- 3 Press and hold the **Temp.** button for 3 seconds or longer while continuing to hold your phone near the logo.
- 4 Keep the phone in place until the tone transmission has finished. The display will count down the time. Once the countdown is over and the tones have stopped, the diagnosis will be displayed in the application.

NOTE

- For best results, do not move the phone while the tones are being transmitted.

MAINTENANCE

⚠ WARNING

- To reduce the risk of fire, electric shock, or injury to persons, read this entire owner’s manual, including the **SAFETY INSTRUCTIONS**, before operating this appliance.
- Unplug the appliance before cleaning to avoid the risk of electric shock. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- Do not use volatile substances (benzene, paint thinner, alcohol, acetone, etc.), abrasive cleaners, or detergents with strong chemical components when cleaning the appliance. Doing so may cause discoloration or damage to the appliance, or may cause a fire.
- Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. Service personnel - Do not contact the following parts while the appliance is energized: pump, motor, noise filter cover, and heater (on applicable models).

Regular Cleaning

Care after Wash

After the cycle is finished, wipe the lid and the inside of the lid seal to remove any moisture.

- Wipe the body of the washer with a dry cloth to remove any moisture.
- Leave the lid open to dry the tub interior.

NOTE

- Make sure children and pets do not climb into the tub. Engage the **Control Lock** feature if needed to prevent children from accidentally starting a wash cycle.

Cleaning the Exterior

Proper care of your washer can extend its life.

Lid:

- Wash with a damp cloth on the outside and inside and then dry with a soft cloth.

Exterior:

- Immediately wipe off any spills.
- Wipe with a damp cloth.
- Do not touch the surface or the display with sharp objects.

Periodic Maintenance

- Use a towel or soft cloth to wipe around the washer lid opening and lid glass.

- Always remove items from the washer as soon as the cycle is complete. Leaving damp items in the washer can cause wrinkling, color transfer, and odor.
- Run the **Tub Clean** cycle once a month, or more often if needed, to remove detergent buildup and other residue.

Cleaning the Tub

Over time, residue may build up in the tub, leading to mildew or a musty odor. Run the **Tub Clean** cycle **monthly** to remove residue and prevent odor.

NOTE

- Make sure to run the **Tub Clean** cycle only when the tub is empty. Never load laundry while using this cycle. The laundry may be damaged or contaminated with cleaning products.
- Run the cycle more often under heavy use conditions or if odor is already present.
- If mildew or musty smell already exists, run this cycle once a week for three consecutive weeks.

1 Remove any clothing from the tub.

2 Adding cleaning agents.

Cleaner	Instructions
Tub cleaner	Follow manufacturer's recommendations.
Lime scale remover	
Liquid chlorine bleach	Add to main wash liquid detergent dispenser.

Cleaner	Instructions
Powdered cleaner	Follow manufacturer's recommendations.
Cleaning tablets	Place directly into the washer tub.

- For other tub cleaning products, follow the cleaner manufacturer's instructions and recommendations.
- Do not exceed the maximum fill line when adding bleach or powdered cleaners. Powdered cleaners may remain in the tub after cleaning.

- 3 Close the lid and press the **Power** button to turn on the washer.
- 4 Turn the knob or press the cycle buttons to select the **Tub Clean** cycle then press the **Start/Pause** button to begin the cycle.
- 5 After the cycle ends, open the lid and allow the tub interior to dry completely.

⚠ WARNING

- Make sure children and pets do not climb into the tub. Engage the **Control Lock** feature if needed to prevent children from accidentally starting a wash cycle.

NOTE

- If you use a descaler or tub cleaner during the **Tub Clean** cycle, use the **Rinse+Spin** option to rinse the washer tub before running your next wash cycle.

Removing Mineral Buildup

In areas with hard water, mineral scale can form on internal components of the washer. Periodically clean the mineral buildup on the internal components to extend the lifespan of the washer. Use of a water softener is recommended in areas with hard water.

- Use a descaler to remove visible mineral buildup on the washer tub.
- After descaling, always run the **Tub Clean** cycle before washing clothing.

- Mineral scale and other spots may be removed from the stainless steel tub using a soft cloth soaked in stainless steel cleaner.
- Do not use steel wool or abrasive cleaners.

Leaving the Lid Open

After you finish using the washer, leave the lid open overnight to allow air to circulate and dry the tub. This helps prevent odors.

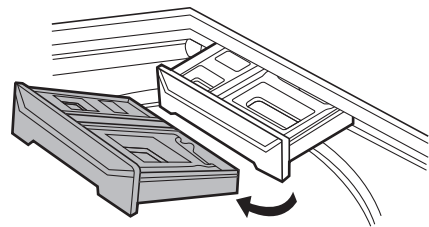
Cleaning the Dispenser Drawer

Detergent and fabric softener may build up in the dispenser drawer. Remove the drawer and inserts and check for buildup **once or twice a month**.

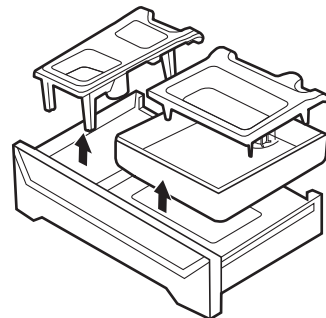
⚠ WARNING

- Do not spray water inside the washer. Doing so may cause fire or electric shock.

- 1 Turn off the washer, and unplug the power cord.
- 2 Remove the drawer by pulling it straight out until it stops. Lift the front of the drawer upwards and pull it completely out.



- 3 Remove the inserts from the two compartments.



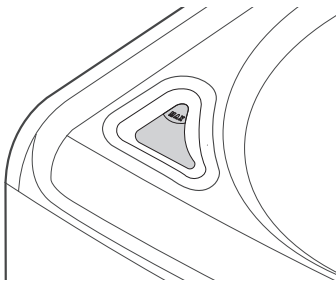
- 4 Clean the inserts and drawer with warm water.
 - Use a soft cloth or brush to clean and remove any residue.
 - Do not use soap when cleaning the drawer and inserts.
- 5 Wipe off any moisture with a dry towel or cloth after cleaning.
- 6 To clean the drawer opening, use a small, non-metal brush to clean the recess. Remove all residue from the upper and lower parts of the recess.
- 7 Return the inserts to the proper compartments and replace the drawer.
 - Set the drawer into the opening at an angle, then lower it and slide it into place.

Cleaning the Bleach Dispenser

Bleach may build up on the bleach dispenser cover. Check for buildup and clean the cover **once or twice a month**.

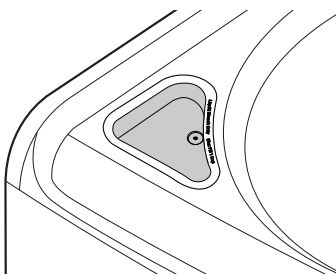
Automatic Bleach Dispenser

Remove the cover from the bleach dispenser. Clean the cover and the opening with warm water.



Immediate Bleach Dispenser

The cover cannot be separated from the dispenser. Clean the cover using a brush and warm water.



Cleaning the Water Inlet Filters

If the washer does not fill properly, an error message will appear on the display. The inlet valve filter screens could be clogged by hard water scale, sediment in the water supply, or other debris.

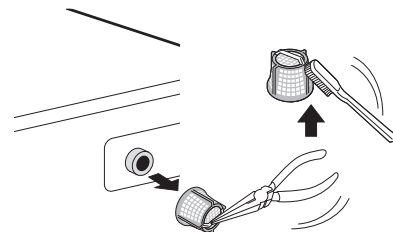
⚠ WARNING

- The inlet screens protect the delicate parts of the inlet valve from being damaged by particles that could enter the valves with the water supply. Operating the washer with these filters removed could cause a valve to open continuously, resulting in flooding and/or property damage.

⚠ CAUTION

- Do not use the washer without the inlet filters. Doing so it will cause leaks and malfunction.
- If you use the washer in an area with hard water, the inlet filter may clog due to lime buildup and require more frequent cleaning.

- 1 Turn off the washer, and unplug the power cord.
- 2 Turn off hot and cold water faucets.
- 3 Unscrew the hot and cold water hoses from the back of the washer.
- 4 Remove the filters from the water valves carefully.
 - Use pliers to pull out the filters from the water valves.



- 5 Remove foreign objects and soak the filters in white vinegar or a lime scale remover.
 - If using a lime scale remover, follow the manufacturer's instructions. Be careful not to damage the filters while cleaning them.
- 6 Rinse filters thoroughly and press them back into place.

- 7** Flush then reattach the water hoses.
- Before reattaching the water inlet hoses, flush them by running several gallons of water through them into a bucket or drain, preferably with the faucets wide open for maximum flow.

NOTE

- An I E error message may blink on the display when the water pressure is low or an inlet filter is clogged with dirt. Clean the inlet filter.

Care in Cold Climates

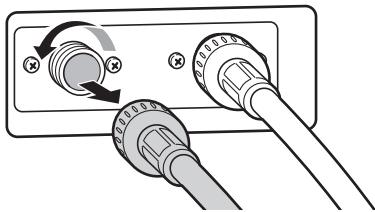
Storing the Washer

If the washer will not be used for an extended period of time and is in an area that could be exposed to freezing temperatures, follow these steps to protect the washer from damage.

NOTE

- Make sure the tub is empty before following these steps.

- 1** Turn off the washer, and unplug the power cord.
- 2** Turn off the water faucets.
- 3** Disconnect hoses from water supply and drain water from hoses.



- 4** Plug the power cord into a properly grounded electrical outlet.
- 5** Add 1 gallon of nontoxic recreational vehicle (RV) antifreeze to the empty tub and close the lid.
 - Never use automotive antifreeze.

- 6** Turn on the washer and select the **Spin** cycle.
- 7** Press the **Start/Pause** button to start the drain pump for **1 minute**.
 - This will expel some of the antifreeze, leaving enough to protect the washer from damage.
- 8** Turn off the washer and unplug the power cord.
- 9** Dry the tub interior with a soft cloth, and close the lid.
- 10** Store the washer in an upright position.
- 11** Remove the inserts from the dispenser. Drain any water in the compartments and let them dry.

- 12** To remove the antifreeze from the washer after storage, run a **Speed Wash** cycle using detergent.
 - Do not add laundry to this cycle.

When the Water Inlet Hoses are Frozen

- 1** Turn off the washer, and unplug the power cord.
- 2** Turn off the faucets connected to the water inlet hoses.
- 3** Pour hot water on the frozen faucets to thaw the water inlet hoses and remove the water inlet hoses.
- 4** Immerse the water inlet hoses in hot water to thaw them.
- 5** Reconnect the water inlet hoses to the water inlets of the washer and to the faucets.
 - See **Connecting the Water Inlet Hoses** for details.
- 6** Turn on the faucets.

- 7 Press the **Power** button to turn on the washer.
- 8 Press and hold the **Spin** button for 3 seconds to operate **Spin Only** cycle for draining and spinning.
- 9 Press the **Start/Pause** button and check that the water fills properly.

When the Drain Hose is Frozen

- 1 Pour hot water in the washer tub and close the lid.
- 2 Wait for 1 - 2 hours.
- 3 Press the **Power** button to turn on the washer.
- 4 Press and hold the **Spin** button for 3 seconds to operate **Spin Only** cycle for draining and spinning.
- 5 Press the **Start/Pause** button to make sure the water drains.