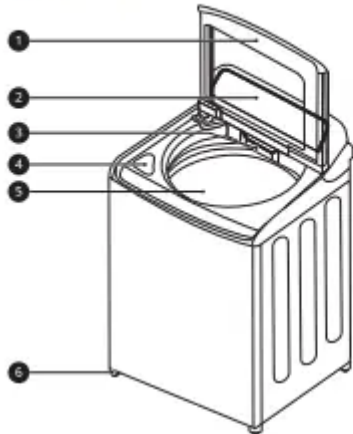


PRODUCT OVERVIEW

Product Features

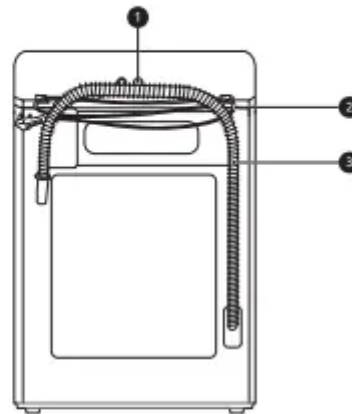
The images in this guide may be different from the actual components and accessories, which are subject to change by the manufacturer without prior notice for product improvement purposes.

Front View



- ❶ Lid
- ❷ Control Panel
- ❸ Detergent Dispenser Drawer
- ❹ Liquid Bleach Compartment
- ❺ Tub
- ❻ Leveling Feet

Rear View



- ❶ Water Inlets
- ❷ Power Cord
- ❸ Drain Hose

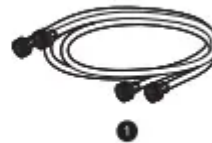
Accessories

Included Accessories



- ❶ Tie Strap

Required Accessories



- ❶ Hot and Cold Water Hoses

Product Specifications

The appearance and specifications listed in this manual may vary due to constant product improvements

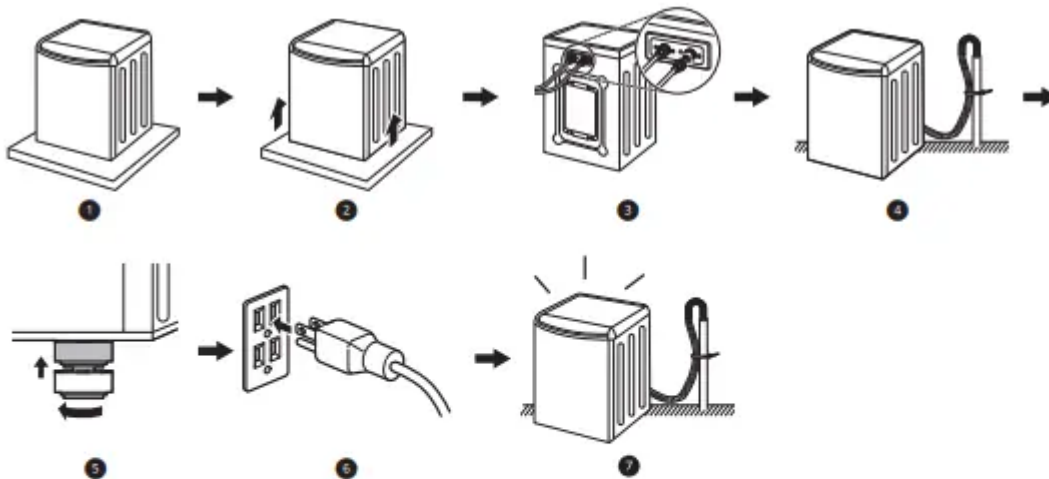


Model	WT7150C*	WT7000C*
Electrical Requirements	120 VAC @ 60 Hz	
Min. / Max. Water Pressure	20 - 120 psi (138 - 827 kPa)	
Dimensions (Width X Depth X Height)	27" X 28 3/8" X 44 1/2" (68.6 cm X 72.1 cm X 113 cm)	
Maximum Height with Lid Open	57 1/4" (145.3 cm)	
Net Weight	127.9 lbs (58 kg)	123.5 lbs (56 kg)
Max. Spin Speed	800 RPM (±50 rpm)	

INSTALLATION

Installation Overview

Please read the following installation instructions first after purchasing this washer or transporting it to another location.



- ❶ Choosing the Proper Location
- ❷ Unpacking and Removing Shipping Material
- ❸ Connecting the Water Inlet Hoses
- ❹ Connecting the Drain Hose
- ❺ Leveling the Washer

- 6 Connecting to the Power Supply
- 7 Final Installation Check

Tools Needed



- 1 Pliers
- 2 Flat-Blade Screwdriver
- 3 Level

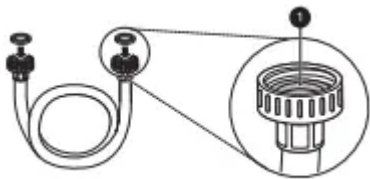
Connecting the Water Inlet Hoses

To avoid the risk of costly water damage, purchase and install new inlet hoses when installing the washer.

How to Connect the Water Inlet Hoses

1 Check the fittings and seals.

- Inspect the threaded fitting on each hose and make sure there is a rubber seal in place in both ends of each hose to prevent leaking.



2 Connect the water supply hoses.

- Connect the water inlet hoses to the hot and cold water faucets tightly by hand and then tighten another 2/3 turn with pliers.
- Connect the blue hose to the cold water faucet and the red hose to the hot water faucet.



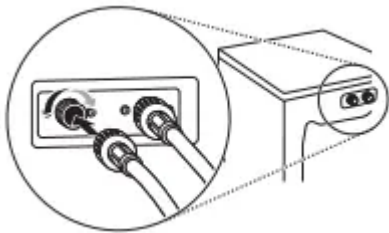
3 After the hoses are connected, turn on the water faucets and flush out any foreign substances such as dirt, sand, or sawdust.

- Let the water drain into a bucket, and check the water temperature to make sure you've connected the hoses to the correct faucets.



4 Attach the inlet hoses to the back of the washer.

- Attach the hot water inlet hose to the hot water inlet on the back of the washer. Attach the cold water inlet hose to the cold water inlet on the back of the washer.
- Tighten the fittings securely. Turn on both faucets all the way and check for leaks at both ends of the hoses.

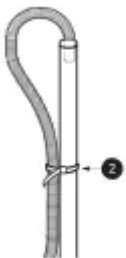


Connecting the Drain Hose

Connect the drain hose to either a standpipe or laundry tub.

Using a Standpipe to Drain

- 1 Insert the end of the drain hose into the standpipe.
- 2 Use the provided tie strap 1 to secure the drain hose in place.



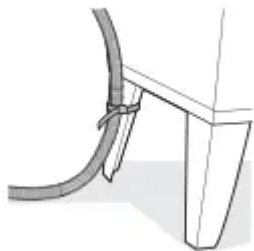
3 If the water valves and drain are built into the wall, fasten the drain hose to one of the water hoses with the provided tie strap 2 (ribbed side on inside).

NOTE If the drain is large enough for the flange on the hose to fit inside, then do not insert the flange more than 1 - 2 inches into the drain.



Using a Laundry Tub to Drain

- 1 Hang the end of the drain hose over the side of the laundry tub.
- 2 Use the provided tie strap to secure the drain hose in place.

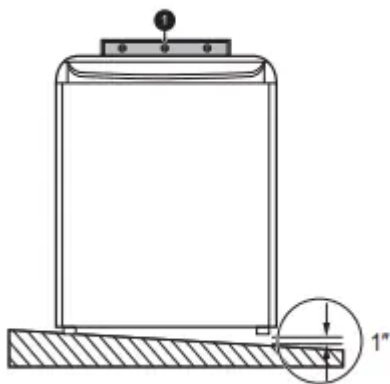


Leveling the Washer

The tub of the washer spins at very high speeds. To minimize vibration, noise, and unwanted movement, the floor must be a solid, level surface.

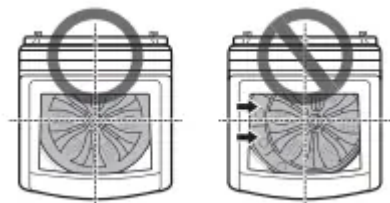
How to Level the Washer

- 1 Position the washer in its final location.
 - Take special care not to pinch, strain, or crush the water and drain hoses. If you have a carpenter's level 1, you can use it to check that the washer is level. The slope beneath the washer should not exceed 1 inch, and all 4 leveling feet must rest firmly on the floor.



- 2 Open the lid and look from above to see if the tub is centered.

- If the tub is not centered, readjust the front feet. If you have a level, check the washer with the level.



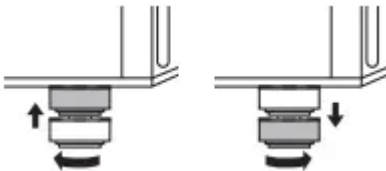
NOTE

- To check if the washer is level from side to side, place a level on the back edge of the lid.
- To check if the washer is level from front to back, place a level on the edge where the cabinet side meets the top cover. Do not place the level on the top of the lid. Using these surfaces will result in the washer being unlevel.



3 Adjust the leveling feet.

- Turn all 4 leveling feet in one direction to raise the washer or the other direction to lower it.



4 Recheck the washer's levelness.

- Push or rock the top edges of the washer gently to make sure the washer does not rock. If the washer rocks, readjust the leveling feet.
- If the lid does not stay open properly, extend the front leveling legs until the washer is level from front to back.

Final Installation Check

Connecting to the Power Supply

Plug the washer into a 120 VAC, 60 Hz grounded 3- prong outlet

Testing the Washer Check if the washer is properly installed and run a test cycle.

1 Make sure that the tub is empty. Do not load anything in the tub for this test. Make sure that the water faucets for the washer are fully turned on.

2 Press the Power button.

3 Press and hold the Spin and Soil buttons simultaneously until an **In 5** code appears in the display.

- **In** is displayed first, and **5, 50, or 5E** is displayed.
- **In 5** : Initial test

- **IE** : Previous test result was good.
- **IE** : Previous test ended with an error.
- The indication is different for each model.

4 Press the Start/Pause button.

- The test will run for about 3 minutes.
- The test automatically checks the water inlet hoses and the drain hose.

5 Check the display for results.

6 At the end of the test cycle, END or O will display. The washer will shut off automatically after a short delay.

Installation Check Error Codes

Refer to the chart below before calling for service.

- **Error Code IE**

- Fully open the water faucet.
- Straighten out any kinks in the inlet hoses and make sure the hoses are not pinched against the wall or under the washer.

- **Error Code OE**

- Straighten out any kinks in the drain hose and make sure the hose is not pinched against the wall or under the washer.
- Remove and flush out the drain hose to remove clogs.
- Adjust or repair the drain. Maximum drain height is 96 inches.

OPERATION

Sorting Laundry

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

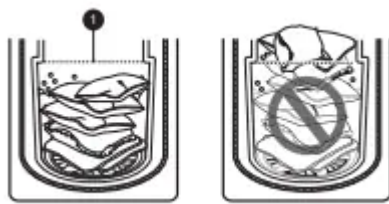
Loading the Washer

General Tips

- Check and empty pockets. Paper clips, coins, matches, and other items 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.

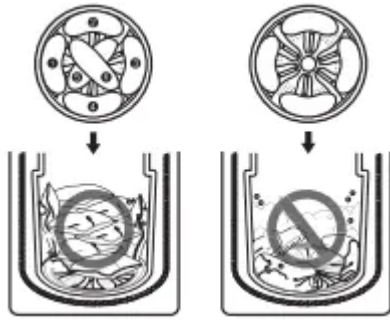
Small Items

- 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.

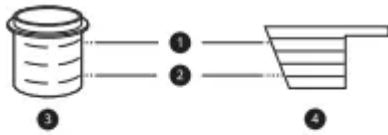
Adding Cleaning Products

About Detergent Use

This washer is designed for use with only HE (High Efficiency) detergents.



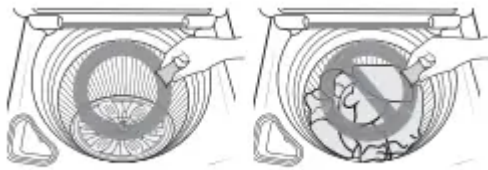
- HE detergents produce fewer suds, dissolve more efficiently to improve washing and rinsing performance, and help to keep the interior of the washer clean. Using detergent that is not HE may cause oversudsing and unsatisfactory performance which could result in error codes, cycle failure, and washer damage.
- Detergents designated as HE-compatible may not provide optimal results.
- For proper wash performance, always measure detergent using the measuring device provided by the detergent manufacturer. For an average load, use less than half of the recommended maximum. Use less detergent for soft water, light soil, or smaller loads.
- Use extra care when measuring 2X and 3X concentrated detergents because even a small amount of extra detergent can lead to problems.
- Never use more than the maximum amount of detergent recommended by the manufacturer. Using too much detergent can lead to oversudsing, poor rinsing, detergent buildup in clothing, and residue buildup that can contribute to odors in the washer.
- Do not use more than one single-use detergent pack or detergent tablet in the washer. Using too much detergent may cause oversudsing and unsatisfactory performance. Reduce detergent amount or add an extra rinse if detergent residue is left on fabrics. To add an extra rinse, select the Extra Rinse option.



- ❶ Maximum fill line
- ❷ Average load fill line
- ❸ Liquid detergent
- ❹ Powdered detergent

Single-Use Detergent Packs / Gel or Tablet Detergents

Place liquid or powdered detergent packs, or gel or tablet detergents in the tub before loading laundry. Do not place these detergents in the dispenser.



About the Dispensers

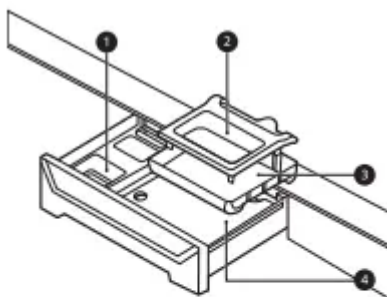
The automatic dispenser consists of two compartments which hold:

- Liquid fabric softener
- Liquid or powdered detergent for main wash

Using the Detergent and Softener Dispenser Drawer

To add detergent and fabric softener to the automatic dispenser drawer:

- 1 Open the dispenser drawer.
- 2 Load the laundry products into the appropriate compartments.



- ❶ Liquid fabric softener compartment
- ❷ Main wash liquid detergent cup
- ❸ Insert
- ❹ Main wash powdered detergent compartment

3 Gently close the detergent dispenser drawer before starting the cycle.

- Slamming the drawer closed may result in the detergent overflowing into another compartment or dispensing into the drum earlier than programmed.
- Be careful not to get a hand caught in the drawer while closing.
- It is normal for a small amount of water to remain in the dispenser compartments at the end of the cycle.

Using the Liquid Bleach Dispenser

The bleach dispenser is a separate compartment at the left front of the tub opening.

1 Check clothing care labels for special instructions.

2 Measure liquid bleach carefully, following the instructions on the bottle.

- HE (High-Efficiency) washers use less water, so less bleach is needed. One half cup is enough for most loads.

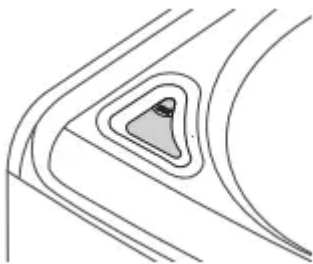
3 Carefully pour the pre-measured amount of bleach directly into the bleach dispenser.

- If you are using powdered bleach of any kind, pour it directly into the tub before adding the laundry.
- Never add powdered bleach to the liquid bleach dispenser.

Automatic Bleach Dispenser

On some models, the bleach dispenser is connected to the inlet valve. The bleach is automatically diluted and dispensed at the proper time in the wash cycle.

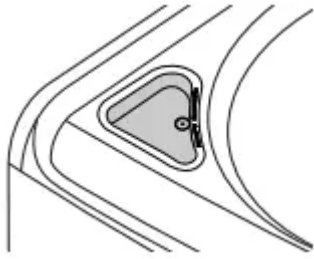
- The dispenser is activated twice to ensure complete dispensing of the bleach. Any liquid remaining in the dispenser at the end of the cycle is water, not bleach.



Immediate Bleach Dispenser

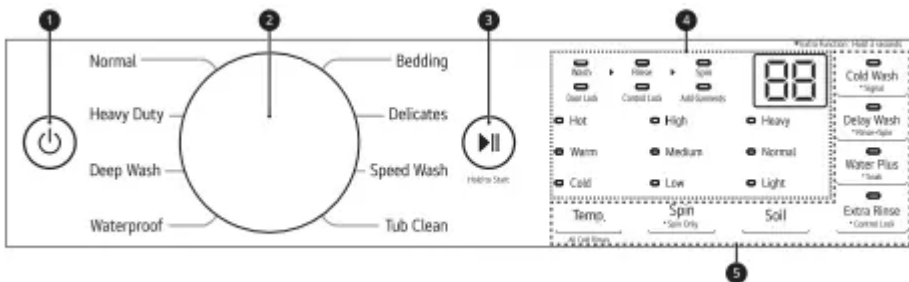
On some models, when you pour the bleach into the bleach dispenser, the bleach is immediately added to the tub as it fills with water, safely diluting the bleach.

- The dispenser cover cannot be removed. To clean the cover, wipe it with a damp paper towel.



Control Panel

Control Panel Features



1 Power On/Off Button

- Press this button to turn the washer on or off.
- Pressing this button during a cycle will cancel that cycle and any load settings will be lost.
- The door will unlock after a brief pause.

NOTE

If there is any water remaining in the drum after the washer shuts off, it will drain after a delay. The washer can be restarted at any time before the drain begins. However, once the water begins to drain, all functions will be suspended until the water has been completely drained and the washer shuts off.

2 Cycle Selector Knob

- Turn this knob to select the desired cycle.
- Once the desired cycle has been selected, the standard presets will appear in the display. These settings can be adjusted using the Cycle Modifier buttons at any time before starting the cycle.

3 Start/Pause Button

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

NOTE

- If the Start/Pause button is not pressed to start the selected cycle, after a delay the washer automatically turns off and all cycle settings are lost. Any water remaining in the drum will be drained.

4 Time and Status Display

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

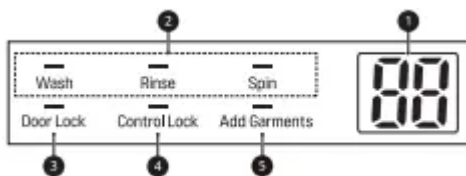
5 Cycle Modifier Buttons

- Use these buttons to adjust the wash temperature, spin speed and soil level settings for the selected cycle.
- The current settings are shown in the display.
- Press the button for that option to select other settings.

6 Option and Extra Function Buttons

- These 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.

Time and Status Display



1 Estimated Time Remaining

- When a cycle is selected, the default time for that cycle is displayed. This time will change as modifiers or options are selected.
- If the display shows --, then the time will be displayed after the load sensing has detected the load size.
- The time shown is only an estimate. This time is based on normal operating conditions. Several external factors (load size, room temperature, incoming water temperature, etc.) can affect the actual time.

2 Cycle Status Indicators

- These LEDs will blink when a cycle is selected to indicate which stages will run.
- When a cycle is running, the LED for the active stage will blink, and the LEDs for the remaining stages will remain steady. Once a stage is complete, the LED will turn off. If a cycle is paused, the active stage LED will stop blinking.

NOTE

- Once the Start/Pause button is pressed, the washer will measure the size of the load. The estimated time may change once the load size has been measured.
- If the Delay Wash function is set, the remaining delay time counts down until the cycle begins.

3 Door Lock Indicator

- This indicator lights up when the cycle starts and the door is locked.
- The indicator light stays on until the cycle is paused, stopped or has finished.

4 Control Lock Indicator

- This indicator lights up when the control panel is locked.
- CL and the remaining wash time are displayed, in turn, on the time remaining display.
- When this function is set, all controls are disabled except for the Power button.

5 Add Garment Indicator

- Laundry may only be added to the tub at the proper time in the wash cycle. When this indicator lights up, it is safe to pause the cycle and add more items to the tub.
- If garments are added when this indicator turns off, the washer will not adjust for these items which could result in poor performance and/or fabric damage.

Wash Cycles

The wash cycles are designed for specific types of wash loads. Select the cycle that best matches the load contents for maximum wash performance and fabric care.

See the Sorting Laundry section for best results, and follow the fabric care labels on your garments. For a guide to fabric care symbols, see the Sorting Laundry section.

Cycle Guide

Turn the knob or press the button to select the desired cycle. When you select a wash cycle, the light for the corresponding wash cycle will turn on.

Cycle	Normal	
Description	Use to wash all normal items such as cotton, linen, shirts, jeans or mixed loads, except delicate fabrics such as wool or silk. <ul style="list-style-type: none"> Pressing the Start/Pause button without selecting a cycle will cause the Normal cycle to begin immediately, using the default settings. 	
Wash Temp.	Default: Warm	Available: All
Spin Speed	Default: High	Available: High, Medium
Soil Level	Default: Normal	Available: All

Cycle	Heavy Duty	
Description	Suitable for washing heavily soiled laundry, such as cotton fabrics, using more powerful wash motions. <ul style="list-style-type: none"> When washing large loads, there will be brief periods of 2 minutes or more without agitation. These soak periods are part of the cycle's design, and are normal. 	
Wash Temp.	Default: Warm	Available: All
Spin Speed	Default: High	Available: All
Soil Level	Default: Heavy	Available: All

Cycle	Deep Wash	
Description	Provides additional water and washes heavily soiled mixed items, except delicate fabrics.	
Wash Temp.	Default: Warm	Available: All
Spin Speed	Default: Medium	Available: All
Soil Level	Default: Normal	Available: All

Cycle	Waterproof	
Description	Suitable for washing waterproof items such as water resistant clothing, mattress covers, outdoor clothes, and plastic mats. (less than 14 lb)	
	NOTE <ul style="list-style-type: none"> • Do not use any other wash cycle to wash waterproof items. • Do not use this cycle to wash a mixed load of waterproof and non-waterproof items. • Check the fabric care label on the garments before using this cycle. • Do not wash other fabrics using this cycle. 	
Wash Temp.	Default: Warm	Available: Warm, Cold
Spin Speed	Default: Medium	Available: Medium, Low
Soil Level	Default: Light	Available: All

Cycle	Bedding	
Description	Suitable for washing blankets or bulky items which have difficulty absorbing water, such as pillows, blankets, comforters, sheets or pet bedding.	
	<ul style="list-style-type: none"> • Do not use this cycle to wash a mixed load of bedding and non-bedding items. • Do not mix large/bulky items with smaller articles of clothing. • Do not wash excessively large items. If large/bulky items do not fit easily into the tub, there may not be enough room for them to move during washing. 	
Wash Temp.	Default: Warm	Available: All
Spin Speed	Default: Medium	Available: All
Soil Level	Default: Normal	Available: All

Cycle	Delicates	
Description	Suitable for washing dress shirts/blouses, nylons, lingerie, or sheer and lacy clothes which can easily be damaged. (less than 8 lb)	
Wash Temp.	Default: Cold	Available: Warm, Cold
Spin Speed	Default: Medium	Available: Medium, Low
Soil Level	Default: Light	Available: All

Cycle	Speed Wash	
Description	Use this option to quickly wash lightly soiled clothing and small loads. For high wash and rinse efficiency, wash small loads of 2-3 lightly soiled garments.	
	<ul style="list-style-type: none"> • Use very little detergent in this cycle. To add an extra rinse, use the Extra Rinse button. 	
Wash Temp.	Default: Warm	Available: Warm, Cold
Spin Speed	Default: High	Available: All
Soil Level	Default: Light	Available: All

Cycle	Tub Clean
Description	This is a special cycle designed to clean the inside of the washer.

Available Options

NOTE

- The **Delay Wash** can be selected for every cycle in this table.

Cycle	Cold Wash	Extra Rinse	Water Plus	Soak
Normal	●	●	●	●
Heavy Duty		●	●	●
Deep Wash		●	●	●
Waterproof		●	●	
Bedding	●	●		●
Delicates		●	●	●
Speed Wash		●	●	●

Cycle Modifiers

About Modifier Buttons

Each cycle has default settings that are selected automatically. You may also customize these settings using the cycle modifier buttons.

- Repeatedly press the button for the desired modifier until the indicator light for the desired setting is lit.
- The washer automatically adjusts the water level for the type and size of wash load for best results and maximum efficiency.
- This is a high-efficiency washer, and the water levels may be much lower than you expect. This is normal, and cleaning/rinsing performance will not be compromised.

■ Hot	■ High	■ Heavy
■ Warm	■ Medium	■ Normal
■ Cold	■ Low	■ Light
Temp.	Spin	Soil

NOTE

- The LED next to the setting lights up when the setting is selected.
- To protect your garments, not every wash temperature, spin speed, soil level, or option is available with every cycle.
- A chime will sound twice and the LED will not light if the desired setting is not allowed for the selected cycle.

- Follow the fabric care labels on the garment for best results.

Temp.

- Make sure the water temperature is suitable for the type of load you are washing.
- Press the Temp. button repeatedly to select the wash and rinse temperature combination for the selected cycle.
- All rinses use unheated cold water.
- Cold rinses use less energy. The actual cold rinse temperature depends on the temperature of the cold water at the faucet.

Spin

Higher spin speeds extract more water from clothes, reducing drying time and saving energy.

- Press the Spin button repeatedly until the desired speed is selected.
- Some fabrics, such as delicates, require a slower spin speed. To protect your clothing, not all spin speeds are available for all cycles.

Soil

Adjusting the soil level setting will modify the cycle times and/or wash actions.

- Press the Soil button repeatedly until the desired soil level is selected.
- The Heavy soil setting may increase cycle times. The Light soil setting may decrease cycle times.

Options and Extra Functions

Your washer includes several additional cycle options to customize cycles to meet your individual needs.

- Select the desired option after selecting the desired cycle and settings.

NOTE

- The LED for the option will light when the option is selected.
- To protect your garments, not every option is available with every cycle.
- A chime will sound twice and the LED will not light if the selected option is not allowed for the selected cycle.

Spin Only

Use this option to spin clothes and drain the water from the tub.

- Use this option to drain water if the wash cycle is interrupted by a power failure or to spin dry hand-washed items.

1 Press the Power button to turn on the washer.

- Do not select a cycle.

2 Press and hold the Spin button for 3 seconds.

- You can change the spin speed by pressing the Spin button.

3 Press the Start/Pause button to begin.

Cold Wash

Use this option to save energy by using cooler water while increasing the wash and rinse times to maintain wash performance.

- Wash time will increase up to several minutes with this option.
- Selecting this option increases the water supplied during rinsing. The water supplied during washing is not increased.
- For best wash results, only wash small loads (less than 8 lb) with this option.

Signal

The washer plays a melody when the wash cycle is finished. The buttons make a sound each time they are pressed.

- Press and hold the Cold Wash button for 3 seconds to turn the sounds on or off.
- When no signal is heard, the signal is off.

Delay Wash

Once you have selected the cycle and other settings, press this button to delay the start of the wash cycle.

- Each press of the button increases the delay time by 1 hour, for up to 19 hours.
- Once the desired delay time is set, press the Start/Pause button to start the delay time.

NOTE

- If the Start/Pause button is not pressed to begin the delay time, the washer automatically turns off after a certain time and all cycle settings are lost.

Rinse+Spin

Select this option to rinse and spin a load separately from a regular cycle. This can be helpful in preventing fresh stains from setting in fabrics.

1 Press the Power button to turn on the washer.

- Do not select a cycle.

2 Press and hold the Delay Wash button for 3 seconds.

- You can change the spin speed by pressing the Spin button.

3 Press the Start/Pause button to begin.

Water Plus

Use this option to add extra water to the wash cycle for better wash performance with large or bulky items.

NOTE

- If the washer reaches its maximum water level, this button will have no effect.
- To add more water while a cycle is running, pause the cycle and select this option.
- When you select Normal cycle and Water Plus option, the cycle will be changed to Deep Wash cycle before starting.

Soak

This option provides a 30-minute presoak prior to the start of the selected cycle. Use this option to presoak garments to help remove difficult spots or stains on fabrics. At the end of the presoak time, the selected cycle will begin with the same water used for soaking.

- Press and hold the Water Plus button for 3 seconds to activate or deactivate this option.

Extra Rinse

This option adds an extra rinse to the selected cycle. Use this option to help ensure the removal of detergent or bleach residue from fabrics.

- Pressing the Extra Rinse button twice will add two additional rinses to the cycle.
- If a liquid fabric softener is used, it is always dispensed in the final rinse.

NOTE

- You cannot select this option with the Spin Only option and Tub Clean cycle.
- Selecting the Extra Rinse option with the Normal cycle automatically changes the cycle to the Deep Wash cycle.

Control Lock

Use this function to disable the controls. This function can prevent children from changing cycles or operating this washer.

Locking the Control Panel

1. Turn on the power.
2. Press and hold the Extra Rinse button for 3 seconds to activate this function.

Unlocking the Control Panel

1. Turn on the power.

2. Press and hold the Extra Rinse button for 3 seconds to deactivate this function.
 - When this function is deactivated, a chime will sound and the remaining time for the current cycle will reappear on the display.

Add Garments

If you've forgotten to add an item or need to remove foreign objects like coins or keys after the cycle has started, the best time to do so is while the Add Garments indicator is on.

- Once the indicator turns off, adding garments may affect the cycle time or wash performance.
1. Press the Start/Pause button. The cycle pauses and the lid (door) unlocks.
 2. Open the lid, add garments or remove foreign objects, and close the lid.
 3. Press the Start/Pause button to resume the cycle. The cycle continues automatically.

MAINTENANCE

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.

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

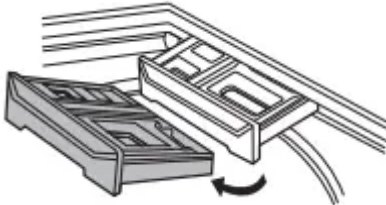
5 After the cycle ends, open the lid and allow the tub interior to dry completely.

Cleaning the Dispenser

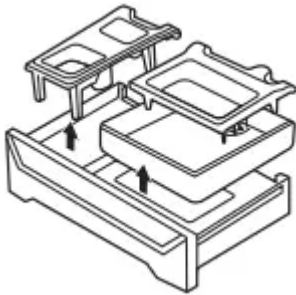
Drawer Detergent and fabric softener may build up in the dispenser drawer. Remove the drawer and inserts and check for buildup once or twice a month.

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.

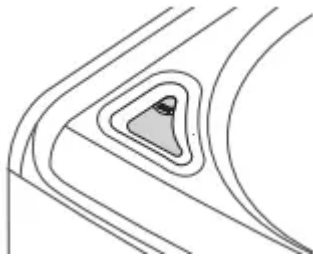
- Set the drawer into the opening at an angle, then lower it and slide it into place.

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.

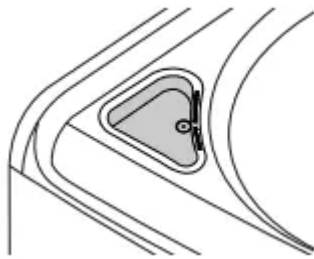
Automatic Bleach Dispenser

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



Immediate Bleach Dispenser

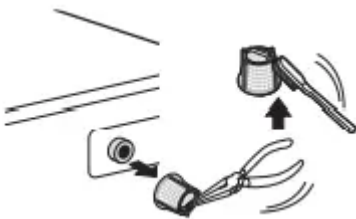
The cover cannot be separated from the dispenser. Clean the cover using a brush and warm water



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.

- 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.

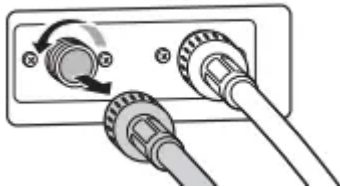
- Before reattaching the water inlet hoses, flush them by running several gallons of water through them into a bucket or drain, preferably with the faucets wide open for maximum flow

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.

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.

TROUBLESHOOTING

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

Before Calling for Service

Error Messages

INLET ERROR

- Water supply faucets are not fully open.
 - Make sure that the water faucets are fully open.
- Water inlet hoses are kinked, pinched, or crushed.
 - Make sure that the hoses are not kinked, pinched or crushed behind or under the washer. Be careful when moving the washer during cleaning or maintenance.
- Water inlet filters are clogged.
 - Clean the inlet filters. See MAINTENANCE.

- Water supply pressure to faucet or house is too low.
 - Check another faucet in the house to make sure that household water pressure is adequate and flow is not restricted.
 - Disconnect the water inlet hoses from the washer and run a few gallons of water through the hoses to flush out any dirt.
 - If flow is too low, contact a plumber to have the water supply lines repaired.
- Water supply connected with leak-limiting hoses.
 - The use of hoses designed to limit leaks is not recommended. Leak limiting hoses can trip falsely and prevent the washer from filling.

UNBALANCE ERROR

- The load is too small.
 - Add additional items to allow the washer to balance the load.
- Heavy articles are mixed with lighter items.
 - Always try to wash articles of somewhat similar weight to allow the washer to evenly distribute the weight of the load for spinning.
- The load is out of balance.
 - Manually redistribute the load if articles have become tangled, preventing the automatic rebalancing from working properly.

WATER OUTLET ERROR

- Drain hose is kinked, pinched, or clogged.
 - Make sure that the drain hose is free of clogs or kinks and is not pinched behind or under the washer.
- The end of the drain hose is more than 96 inches (2.4 m) above the bottom of the washer.
 - Move the end of the drain hose so that it is lower than 96 inches (2.4 m).

CL CONTROL LOCK FUNCTION

- The Control Lock function is on to prevent anyone from changing cycles or operating the dryer.
 - Turn off the Control Lock function in the control panel. See Control Lock under Options and Extra Functions.

FE OVERFLOW ERROR

- Water level is too high due to a faulty water valve.
 - Close the water faucets, unplug the washer, and call for service.

PE PRESSURE SENSOR ERROR

The water level sensor is not working correctly.

Close the water faucets, unplug the washer, and call for service.

LE MOTOR LOCKED ERROR

- A motor error has occurred.
 - Allow the washer to stand for 30 minutes and then restart the cycle.
 - If the error code is still displayed, call for service.

TUB CLEAN ALARM

- It is time to run the Tub Clean cycle.
 - This is not an error code. It indicates that the Tub Clean cycle is running or needs to be run to clean the washer drum.

✦ DRAIN FEATURE

- Special drain feature
 - If the washer is paused during a cycle for more than 4 minutes, the cycle will be canceled and any water remaining in the tub will be drained.
 - This is not an error code. It indicates that the drain function is operating.

dE LID ERROR

- Lid is not closed properly.
 - Close the lid properly.
 - If the lid is closed and this error message is still displayed, call for service.

dL LID LOCK ERROR

- Lid is not locked properly.
 - Make sure that the lid is closed properly and press the Start/Pause button. You can hear the locking sound to lock the lid in the beginning of the cycle. The washer will not operate unless the lid is locked.
 - Make sure that nothing is caught under the lid, including shipping material or clothing.
 - Make sure that the latch mechanism is fully retracted. Make sure that the latch mechanism is fully retracted.

- If the lid is closed and this error message is still displayed, call for service.

LE 1 FOREIGN OBJECT ERROR

- Foreign objects such as coins, pins, clips, etc., are caught between the pulsator and the inner tub.
 - Turn the washer off then on again. Press the Spin button without selecting a cycle to drain and spin the load.
 - When the Spin cycle is completed, empty the tub and find and remove any objects caught in the pulsator.
 - Always check pockets, etc., before washing to prevent error codes or damage to the washer or clothing.
 - For some models, LE is displayed first, then the 1 is displayed.

UB UNBALANCE DETECTION

- The washer has detected an out of balance load.
 - This display is for your information only, and no action is required. If the washer detects a load that is too far out of balance to spin, it will display this code while it is attempting to rebalance the load. The washer will add water and try to redistribute the load automatically.
 - As a result, the cycle will take longer than initially estimated.

EE TEMPERATURE SENSOR ERROR

- Control error
 - Unplug the washer and wait 60 minutes. Reconnect power and try again.
 - If the error code is still displayed, call for service.

Eb CLUTCH ERROR

- Clutch error
 - Mechanical failure
 - Unplug the washer and call for service.

PS SUPPLY VOLTAGE ERROR

- Supply voltage is not correct.
 - Please call LG service center. You can find your local LG service center phone number on the back cover page.

Noises

Clicking

- Door lock sounds when the door locks or unlocks.
 - Normal operation

Spraying or hissing

- Water spraying or circulating during the cycle
 - Normal operation

Humming or Gurgling

- Drain pump is pumping water from the washer at times during a cycle.
 - Normal operation

Water sloshing

- A liquid in the balance ring around the pulsator helps the basket spin smoothly.
 - Normal operation

Water being added after the washer has already begun to operate

- The washer adapts to the load size and type to add more water to the cycle as needed.
 - Normal operation
- The wash load may be unbalanced. If the washer senses that the load is unbalanced, it will stop and refill to redistribute the load.
 - Normal operation
- The washer may be diluting laundry additives to add to the wash load.
 - Normal operation

Rattling and clanking noise

- Foreign objects, such as keys, coins, or safety pins may be in drum or pump.
 - Stop the washer, check the drum and the drain filter for foreign objects.
 - If noise continues after the washer is restarted, call for service.

Thumping sound

- Heavy wash loads may produce a thumping sound.
 - This is normal, but if the sound continues, the washer is probably out of balance. Stop and redistribute wash load.
- Wash load may be out of balance.
 - Pause the cycle and redistribute the load after the door unlocks.

Vibrating noise

- Packaging materials were not removed.
 - See Unpacking and Removing Shipping Material in INSTALLATION.
- Wash load may be unevenly distributed in the drum.
 - Pause the cycle and redistribute the load after the door unlocks.
- Not all leveling feet are resting firmly and evenly on the floor.
 - See Leveling the Appliance in INSTALLATION.
- Floor is not rigid enough.
 - Make sure that the floor is solid and does not flex. See Flooring in INSTALLATION.

Squeaking noise

- Packaging materials were not removed.
 - See Unpacking and Removing shipping Material in INSTALLATION.

Banging noise when the washer is filling with water. (Water hammer)

- Plumbing in the home moves or flexes when the water valves in the washer shut off.
 - Water hammer is not caused by a defect in the washer. Install water hammer arrestors (purchased separately at hardware or home improvement store) between the fill hose and the washer for best results.
- Household water supply pressure is very high.
 - Adjust household water supply regulator to a lower pressure or contact a plumber.

Operation

Water Leaking

- Hoses are not connected correctly.
 - Check hoses and connectors for leaks, cracks, and splits.
 - Check and tighten hose connections.
- House drain pipes are clogged.
 - The washer pumps out water very rapidly. Check for water backing up out of the drain pipe during drain. If water is seen coming out of the drain, check for proper drain hose installation and check for restrictions in the drain.
 - Contact a plumber to repair drain pipe.

- Drain hose has come out of the drain connector or is not inserted far enough.
 - Tie drain hose to inlet hose or standpipe to prevent it from coming out during drain.
 - For smaller drain pipes, insert the drain hose into the pipe as far as the drain hose flange. For larger drain pipes, insert the drain hose into the pipe 1 - 2 inches past the flange.
- Oversudsing of detergent
 - Oversudsing may create leaks, and may be caused by the type and amount of detergent used. HE (High-Efficiency) detergent is the only detergent recommended. The normal amount of detergent to use is 1/4 to 1/2 of the maximum amount recommended by the detergent manufacturer.
 - Always reduce the amount of detergent if the load is small or lightly soiled, or if the water is very soft.
 - Never use more than the maximum amount recommended by the detergent manufacturer.

Excessive sudsing

Too much detergent or incorrect detergent

- HE detergents are formulated specifically for HE (High-Efficiency) washers and contain suds reducing agents. Only use detergent with the HE (High-Efficiency) logo.
- For detergent quantities refer to Detergent Use in OPERATION. If sudsing or detergent residue continues to be an issue, add an extra rinse.

Washer will not turn on.

- Power cord is not properly plugged in.
 - Make sure that the plug is plugged securely into a grounded, 3-prong, 120-VAC, 60 Hz outlet.
- House fuse is blown, circuit breaker has tripped, or power outage has occurred.
 - Reset circuit breaker or replace fuse. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician.

Wash cycle time is longer than usual.

- The washer automatically adjusts the wash time for the amount of laundry, water pressure and other operating conditions.
 - This is normal. The washer adjusts cycle time automatically to provide optimal results for the selected cycle. The time remaining shown in the display is only an estimate. Actual time may vary.

Incomplete or no dispensing of detergent

- Detergent compartments clogged from incorrect filling.
 - Make sure that detergent and additives are put into the correct dispenser compartments.
 - For all detergent types, always make sure that the dispenser drawer is fully closed before the start of the cycle.
- Too much detergent used.
 - Make sure that the suggested amount of detergent is used according to the manufacturer's recommendations. You may also dilute the detergent with water to the maximum fill line on the compartment to avoid clogging. Use only HE (High-Efficiency) detergent.

Washer will not operate.

- Control panel has powered off due to inactivity.
 - This is normal. Press the Power button to turn on the washer.
- Washer is unplugged.
 - Make sure that the power cord is plugged securely into an electrical outlet.
- Water supply is turned off.
 - Turn both hot and cold faucets fully on.
- Controls are not set properly.
 - Make sure that the cycle was set correctly, close the door and press the Start/Pause button to start the wash cycle.
- Door is open.
 - Close the door and make sure that nothing is caught under the door preventing it from closing completely.
- Circuit breaker/fuse is tripped/blown.
 - Check house circuit breakers/fuses. Replace fuses or reset breaker. The washer should be on a dedicated branch circuit.
- Start/Pause button was not pressed after the cycle was set.
 - Press the Power button then reselect the desired cycle and press the Start/Pause button. If the Start/Pause button is not pressed within a certain time, the washer will be turned off. (The time varies by model, from 4 to 60 minutes.).

- Extremely low water pressure.
 - Check another faucet in the house to make sure that household water pressure is adequate.
- Washer is too cold.
 - If the washer has been exposed to temperatures below freezing for an extended period of time, allow it to warm up before pressing the Power button. Otherwise, the display will not come on.

Washer is not filling properly.

- Filter is clogged.
 - Make sure that inlet filters on the fill valves are not clogged. Refer to Cleaning the Water Inlet Filters in MAINTENANCE.
- Inlet hoses may be kinked.
 - Check that inlet hoses are not kinked or clogged.
- Energy efficiency
 - This is a High-Efficiency (HE) washer. As a result, the water level settings for this washer may be different than for conventional washer.
- Insufficient water supply
 - Make sure that both hot and cold water faucets are turned on all the way.
- Washer door is open.
 - Close the door and make sure that nothing is caught under the door preventing it from closing completely.
- Water level is too low.
 - The water will not normally cover the clothes. The fill level is optimized for the wash motion to achieve the best wash performance.

Water in the washer does not drain or drains slowly.

- Drain hose is kinked, pinched, or clogged.
 - Make sure that the drain hose is free of clogs or kinks and is not pinched behind or under the washer.
- The end of the drain hose is more than 96 inches (2.4 m) above the bottom of the washer.
 - Move the end of the drain hose so that it is lower than 96 inches (2.4 m).



Bleach does not dispense.

- Bleach dispenser cover is not properly installed (on some models).
 - Make sure that the bleach cover is properly installed and snapped into place before the beginning of the cycle.
- Bleach dispenser is dirty or clogged.
 - Lift out the bleach dispenser cover and clean out the reservoir. Lint and other foreign debris that are collected inside the dispenser may prevent proper dispensing of the bleach.

Premature dispensing of bleach

- Bleach dispenser filled for future load.
 - You cannot store bleach in the dispenser for future use. The bleach will be dispensed every load.
- Overfilling the bleach dispenser
 - Overfilling the bleach dispenser will cause the bleach to dispense immediately, which will damage the laundry or the washer. Always measure bleach, but never fill above the max line on the dispenser. A half cup of bleach is sufficient for most loads. Never use more than 1 cup of bleach.

Performance

Wrinkling

- Washer is not unloaded promptly.
 - Always remove items from the washer as soon as the cycle is complete.
- Washer is overloaded.
 - The washer can be fully loaded, but the drum should not be tightly packed with items. The door of the washer should close easily.
- Hot and cold water inlet hoses are reversed.
 - Hot water rinse can set wrinkles in garments. Check the inlet hose connectors.

Staining

- Bleach or softener dispensed too soon.
 - Dispenser compartment was overfilled or closed too quickly, causing the bleach or softener to dispense immediately. Always measure bleach, and never use more than 1 cup.

- Bleach or softener was added directly to the wash load in the drum.
 - Always use the dispensers to ensure that laundry products are properly dispensed at the right time in the cycle.
- Washer was not unloaded promptly.
 - Always remove items from the washer as soon as possible after the cycle is completed.
- Clothes were not properly sorted.
 - Always wash dark colors separately from light colors and whites to prevent discoloration.
 - Never wash heavily soiled items with lightly soiled items.

Poor stain removal

- Proper options are not selected.
 - Heavier soils and tougher stains may require extra cleaning power. Select the Heavy Soil feature to boost the cleaning power of the selected cycle.
- Previously set stains.
 - Articles that have previously been washed may have stains that have been set. These stains may be difficult to remove and may require hand washing or pre-treating to aid in stain removal.

Musty or mildewy odor in the washer

- Incorrect or too much detergent has been used.
 - Use only HE (High-Efficiency) detergent in accordance with the manufacturer's instructions.
- Inside of the drum was not cleaned properly.
 - Run the Tub Clean cycle regularly.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.