

IMPORTANT SAFETY INSTRUCTIONS

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READ ALL INSTRUCTIONS BEFORE USE

Safety Messages

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and follow all safety messages.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what may happen if the instructions are not followed.

WARNING STATEMENTS

WARNING

- To reduce the risk of explosion, fire, death, electric shock, scalding or injury to persons when using this

Installation

- Adhere to all industry recommended safety procedures including the use of long-sleeved gloves and safety glasses.
- Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
- Before use, the appliance must be properly installed as described in this manual.
- To reduce the risk of severe injury or death, follow all installation instructions.
- Refer to the INSTALLATION INSTRUCTIONS for detailed grounding procedures. Installation instructions are packed with the appliance for the installer's reference. If the appliance is moved to a new location, have it checked and reinstalled by qualified service personnel.
- Moving or installation of the appliance requires two or more people.
- Do not install the appliance in humid spaces.
- Store and install the appliance where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions.
- This appliance is not designed for maritime use or for mobile installations such as in RVs, trailers, or aircraft.
- Keep packing materials out of the reach of children. Packaging material can be dangerous for children.

IMPORTANT SAFETY INSTRUCTIONS

- Destroy the carton, plastic bag, and other packing materials after the appliance is unpacked. Children might use them for play. Cartons covered with rugs, bedspreads, or plastic sheets can become airtight chambers.
- The appliance must be installed and electrically grounded by qualified service personnel in accordance with local codes.
- When installing or moving the appliance, be careful not to pinch, crush, or damage the power cord.
- Connect to a properly rated, protected, and sized power circuit to avoid electrical overload.
- This appliance must be positioned near to an electrical power supply.
- Disconnect the power cord, house fuse or circuit breaker before installing or servicing the appliance.
- The power cord of this appliance is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock from this appliance.
- Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.
- Use new hoses when connecting the washer to the water supply. Do not reuse old hoses.

Operation

- Read all instructions before using the appliance and save these instructions.
- Use this appliance only for its intended purpose.
- If the product has been submerged in water, sitting in standing water, or waterlogged, do not come in contact with the product and immediately contact an LG Electronics Customer Information Center for instructions before resuming use.
- If you detect a strange sound, a chemical or burning smell, or smoke coming from the appliance, unplug it immediately, and contact an LG Electronics Customer Information Center.
- Under certain conditions, hydrogen gas may be produced in a hot-water system that has not been used for two weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot-water system has not been used for such a period, before using the appliance, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
- Do not reach into the washer if the tub or drum, agitator, or any interior parts are moving. Before loading, unloading, or adding items, press Start/Pause and allow the tub or drum to coast to a complete stop before reaching inside.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given

supervision or instruction concerning the use of the appliance by a person responsible for their safety.

- Do not allow children or pets to play on, in or with the appliance. Close supervision is necessary when the appliance is used near children or pets.
- Keep laundry products out of children's reach. To prevent injury to persons, observe all warnings on product labels.
- Repair or immediately replace all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end.
- Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.
- Do not use an extension cord or adapter with this appliance.
- Do not grasp the power cord or touch the appliance controls with wet hands.
- Do not modify or extend the power cord.
- If the electrical supply cord is damaged, it must only be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.
- Do not put oily or greasy clothing, candles or flammable materials on top of the appliance.
- Keep the area underneath and around your appliances free of combustible materials (lint, paper, rags, etc.), gasoline, chemicals and other flammable vapors and liquids.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Do not mix chlorine bleach with ammonia or acids such as vinegar. Follow package directions when using laundry products. Incorrect usage can produce poisonous gas, resulting in serious injury or death.
- Never use harsh chemicals, abrasive cleaners, or solvents to clean the washer. They will damage the finish.
- Do not wash laundry that has been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, vegetable or cooking oil, or other flammable or explosive substances, as they give off vapors that could ignite or explode.
- Do not add gasoline, dry cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
- In the event of a gas leak (propane gas, LP gas, etc.), do not operate this or any other appliance. Open a window or door to ventilate the area immediately.
- Do not tamper with controls.
- Fix the drain hose securely in place to avoid flooding.



- Do not abuse. sit on. or stand on the door of the appliance.
- Always check the inside of the appliance for foreign objects.
- Do not allow water. bleach or other liquids to sit in the drum for extended periods. Doing so can corrode the drum or cause mildew or odors.
- Do not dry unwashed items in the appliance.

Maintenance

- Do not repair or replace any part of the appliance. All repairs and servicing must be performed by qualified service personnel unless specifically recommended in this owner's manual. Use only authorized factory parts.
- Disconnect this appliance from the power supply before cleaning and attempting any user maintenance.

Turning the controls to the OFF position does not disconnect this appliance from the power supply.

- Remove any dust or foreign matter from the power plug pins.
- Do not disassemble or repair the appliance by yourself.
- Remove the door before the appliance is removed from service or discarded to avoid the danger of children or small animals getting trapped inside.
- Make sure the dispenser drawer or lid is closed at all times when not being filled with laundry products.

Grounding Instructions

- Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service personnel if you are in doubt whether the appliance is properly grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet. have a proper outlet installed by a qualified electrician.
- The appliance must be grounded. In the event of a malfunction or breakdown. grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. The appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances.

CAUTION STATEMENTS

CAUTION

- To reduce the risk of minor or moderate injury to persons. malfunction. or damage to the product or

Installation

- Install the product on a firm and level floor.

Operation

- Do not place objects on top of the appliance.
- Turn off the water faucets and unplug the appliance if the appliance is to be left for an extended period of time. such as during vacations.
- ALWAYS follow the fabric care instructions supplied by the garment manufacturer.
- Use fabric softeners or products to eliminate static only as recommended by the manufacturer.
- Do not combine laundry products for use in one load unless specified on the label.
- Do not touch draining water which may be hot.
- If the drain hose and the water inlet hose are frozen in winter. defrost them before using the appliance.
- Do not store or spill liquid detergents. cleaners. or bleaches (chlorine bleach. oxygen bleach) on the appliance. Doing so may result in corrosion. discoloration or damage to the surface of the appliance.
- Clothing or articles that are waterproof or water-resistant must be washed in the Waterproof. Bedding.

Bulky/Large. or Jumbo Wash cycle only. (Examples include water resistant clothing. mattress covers. outdoor clothes. and plastic mats.) Failure to do so may result in personal injury or damage to the washer. clothes. walls. floor. and surrounding objects due to abnormal vibration.

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.

WARNING

- For your safety and for extended product life. use only authorized components. The manufacturer is not responsible for product malfunction. property damage or bodily injury caused by the use of separately purchased unauthorized components. parts. or non-LG products.

INSTALLATION

Before Installing

Installation Overview

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

WARNING

- Moving or installation of the appliance requires two or more people. Failure to follow these instructions may result in injury.
- Store and install the appliance where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions. Failure to follow this warning can cause product or part failure, serious injury, fire, electric shock, or death.
- Properly ground the washer to conform with all governing codes and ordinances. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- To ensure proper airflow, do not block the large opening on the bottom of the washer with carpeting or other materials.
- Do not remove the ground prong from the power cord. Do not use an adapter or extension cord. Plug into a grounded 3-prong outlet. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- 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, valve, motor, control board.

Choosing the Proper Location

Check the following requirements for the install location before installing the washer.

- Allow for sufficient space between the walls and the washer for installation.
- Make sure that the floor is clean, dry and free of dust, dirt, water and oil so the leveling feet cannot slide easily. Leveling feet that can move or slide on the floor can contribute to excess vibration and noise.
- If the floor has too much flex, reinforce it to make it more rigid. If the floor is not solid, it may cause severe vibration and noise.
- If a drain pan must be used, take extra care to follow the instructions provided with the drain pan and make sure the leveling feet are adjusted for firm and even contact with the pan. Use of drain pans and failure to properly level the washer may result in increased vibration and noise during operation.

Power Outlet

- The power outlet must be within 60 inches (1.5 m) of either side of the washer.
- Position the washer so that the outlet and plug are easily accessible.
- Do not overload the outlet with more than one appliance.
- The outlet must be grounded in accordance with current electrical wiring codes and regulations.
- Use a time-delay fuse or circuit breaker.

- It is the personal responsibility and obligation of the washer owner to have a proper outlet installed by a qualified electrician.

Flooring

- To minimize noise and vibration, install the washer on a level, solidly constructed floor capable of supporting the washer without flexing or bouncing.
- The washer must be installed on firm flooring to minimize vibration during the spin cycle. Concrete flooring is best, but a wood floor is sufficient, provided it is built to FHA standards.
- The floor under the washer must not slope more than 1 inch (2.5 cm) from front to back or side to side.
- Installing on carpeting and soft tile surfaces is not recommended.
- Never install the washer on a platform or weakly supported structure.

Floor Installation To ensure sufficient clearance for water inlet hoses, drain hose and airflow, allow minimum clearances of at least 1 inch (2.5 cm) at the sides and 4 inches (10 cm) behind the washer. Be sure to allow for wall, door, or floor moldings that may increase the required clearances.

Unpacking and Removing Shipping Material

Remove all shipping materials from the washer for proper operation and inspect it for shipping damage.

CAUTION

- Failure to remove shipping materials can cause

Unpacking Shipping Material

* Some models do not ship with drum support.

Lift the washer off the foam base.

- After removing the carton and shipping material, lift the washer off the foam base.
- Make sure the plastic drum support a* comes off with the base and is not stuck to the bottom of the washer.
- If you must lay the washer down to remove the carton base b, always protect the side of the washer and lay it carefully on its side. Do not lay the washer on its front or back.

Removing Shipping Material

1. Remove the bolt assemblies.

- Starting with the bottom two shipping bolts c, use the included wrench to fully loosen all 4 shipping bolts by turning them counterclockwise.
- Remove the bolt assemblies (bolts and retainers) by wiggling them slightly while pulling them out.

2. Install the hole caps.

- Locate the hole caps included in the accessory pack or attached to the back of the washer. Install the caps in the holes left by the bolt assemblies.

CAUTION

- Once removed, save the bolt assemblies for future use. To prevent damage to internal components, do not transport the washer without reinstalling the shipping bolts. Failure to remove shipping bolts and retainers may cause severe vibration and noise, which can lead to permanent damage to the washer.

NOTE

- The power cord is secured to the back of the washer with a shipping bolt to help prevent operation with shipping bolts in place.

Connecting the Water Inlet Hoses

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

WARNING

- Do not overtighten the hoses or cross-thread the hose fittings. Overtightening or cross-threading can damage the valves or couplings, resulting in leaking and property damage.
- Do not reuse old hoses. Use only new hoses when installing the washer. Old hoses could leak or burst causing flooding and property damage. Contact an LG Customer Information Center for assistance in buying hoses.

NOTE

- Periodically check the hoses for cracks, leaks, and wear, and replace the hoses every five years.
- Do not stretch the water hoses intentionally, and make sure that they are not pinched, crushed or kinked by other objects.
- Water supply pressure must be between 20 psi and 120 psi (138 - 827 kPa). If the water supply pressure is more than 120 psi, a pressure reducing valve must be installed.
- Your hot water heater should be set to deliver water at 120–135 °F (48–57 °C) to allow the washer to properly control wash temperatures.
- Do not store or install the washer in a location subject to freezing temperatures. Damage to the water inlet hoses and internal mechanisms of the washer can result. If the washer was exposed to freezing temperatures prior to installation, allow it to stand at room temperature for several hours before use and check for leaks prior to operation.
- Do not use flood-preventing hoses with auto shut off devices. The devices can be tripped during fill and prevent the washer from filling properly.

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. Flush out the inlet hoses.

- 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.

WARNING

- The drain hose should always be properly secured. Failure to properly secure the drain

NOTE

- The drain must be installed in accordance with any applicable local codes and regulations.
- Make sure that the drain hose is not stretched, pinched, crushed, or kinked.
- The end of the drain hose should be located a minimum of 24" (61 cm) and a maximum of 96" (244 cm) above the bottom of the washer.
- For best results, locate the end of the drain hose no higher than 66" (168 cm) above the bottom of the washer. As the drain outlet is raised beyond 66" (168 cm), the drain function will be increasingly affected.
- Never create an airtight seal between the hose and the drain with tape or other means. If no air gap is present, water can be siphoned out of the drum resulting in poor wash/rinse performance or clothing damage.

Using a Standpipe to Drain

1. Clip the end of the hose into the elbow bracket.
 - Connect the elbow bracket a within 4 inches (10 cm) of the end of the drain hose. If the drain hose is extended more than 4 inches (10 cm) beyond the end of the elbow bracket. mold or microorganisms could spread to the inside of the washer.
2. Insert the end of the drain hose into the standpipe.
3. Use the provided tie strap b to secure the drain hose in place.
4. 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 c (ribbed side on inside).

Using the Laundry Tub to Drain

1. Clip the end of the hose into the elbow bracket.
 - Connect the elbow bracket a within 4 inches (10 cm) of the end of the drain hose. If the drain hose is extended more than 4 inches (10 cm) beyond the end of the elbow bracket. mold or microorganisms could spread to the inside of the washer.
2. Hang the end of the drain hose over the side of the laundry tub.
3. Use the provided tie strap to secure the drain hose in place.

Leveling the Washer

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

CAUTION

- Using the washer without leveling it may cause excess vibration and noise. leading to a washer malfunction.
- Adjust the leveling feet only as far as necessary to level the washer. Extending the leveling feet more than necessary can cause the washer to vibrate.

NOTE

- Before installing the washer. make sure that the floor is clean. dry and free of dust. dirt. water and oil so the washer feet cannot slide easily. Feet that move or slide on the floor can contribute to excessive vibration and noise.

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 a. you can use it to check that the washer is level. The slope
2. Adjust the leveling feet.
 - Turn all 4 leveling feet in one direction to raise the washer or the other direction to lower it.

3. Check the level again.

- 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.

4. Tighten the locknuts b

- Turn the locknuts counterclockwise and tighten them when the washer is level.

Using Non-Skid Pads

If you install the washer on a slippery surface, it may move because of excessive vibration. Incorrect leveling may cause malfunction through noise and vibration. If this occurs, install the non skid pads under the leveling feet and adjust the level.

1. Clean the floor to attach the non-skid pads.

- Use a dry rag to remove and clean foreign objects or moisture. If moisture remains, the non-skid pads may slip.

2. Adjust the level after placing the washer in the installation area.

3. Place the adhesive side c of the non-skid pad on the floor.

- It is most effective to install the non-skid pads under the front leveling feet. If it is hard to place the pads under the front leveling feet, place them under the back leveling feet.

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, level the washer again.

Final Installation Check

Connecting to the Power Supply

Plug the washer into a 120 V, 60 Hz grounded 3 prong outlet.

WARNING

- Do not use a worn or damaged power cord or power plug. Replace or repair it immediately.

Failure to do so may result in death, fire, electric shock, or malfunction.

- Do not modify the power cord and plug provided with the appliance. Do not damage it when installing or moving the appliance. Doing so may result in death, fire, electric shock, or malfunction.

- Make sure that the appliance is grounded.

- Connect this appliance to a grounded outlet conforming to the rating prior to use. Failure to do so may result in fire, electric shock, or malfunction.

- Do not damage or cut off the ground prong of the power cord. Doing so may cause death, fire, electric shock, or product malfunction.

- Improper connection of the equipment grounding conductor can result in risk of electric shock. Check with a qualified electrician or service technician if you are in doubt as to whether the appliance is properly grounded. If the plug does not fit the outlet, have a proper outlet installed by a qualified electrician.
- The appliance and outlet must be positioned so that the plug is easily accessible.
- Do not use an adapter or extension cord. Doing so may result in serious injury, fire, electric shock, or death.
- For best performance, plug the appliance into its own individual outlet. This helps prevent overloading house wiring circuits which could cause a fire hazard from overheated wires.
- If necessary, use a new, UL-listed 3-prong (grounding) plug rated at no less than the branch circuit. Do not use an extension cord longer than 3 feet. Failure to follow these warnings may result in serious injury, fire, electric shock, or death.

Testing the Washer

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

1. Load the washer with 6 thick bath towels (approximately 6 pounds).
2. Press the Power button.
3. Select the Downloaded cycle. The default cycle is Rinse+Spin.
4. Press the Start/Pause button to start the wash cycle.
5. Make sure that water is supplied, that the washer does not rock or vibrate excessively, and that it drains well during the spin cycle.

NOTE

- If water leaks during water supply, see [Connecting the Water Inlet Hoses](#) to connect them properly.
- If the washer rocks and vibrates excessively, see [Leveling the Washer](#) to level it again.

OPERATION

Before Use

WARNING

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

Operation Overview

1. Sort laundry and load the washer.
- Sort laundry by fabric type, soil level, color and load size as needed. Open the door and load items into the washer.

- If using single-use detergent packs, or gel or tablet detergents, place them in the drum 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 areas of the dispenser drawer.
- 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.

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 door 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.

7. End of cycle.

- When the cycle is finished, a melody sounds. Immediately remove the clothing from the washer to reduce wrinkling.
- Check around the door seal when removing the load for small items that may be caught in the seal.

NOTE

- The washer rotates the laundry in a way that allows it to use less water while still fully saturating the clothing. It is normal to be unable to see water during the wash cycle.
- If the temperature or the water level inside the machine is too high, the door locks and cannot be

Sorting Laundry

CAUTION

- Clothing or articles that are waterproof or water-resistant must be washed in the Waterproof Bedding.

Bulky/Large, or Jumbo Wash cycle only. (Examples include water resistant clothing, mattress covers, outdoor clothes, and plastic mats.) Failure to do so may result in personal injury or damage to the washer, clothes, walls, floor, and surrounding objects due to abnormal vibration.

- Remove the stuffing from pillows and cushions before washing the covers. Failure to do so can cause

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.)

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.

Loading the Washer

CAUTION

- Clothing or articles that are waterproof or water resistant must be washed in the Waterproof.

Bedding, Bulky/Large, or Jumbo Wash cycle only. (Examples include water resistant clothing, mattress covers, outdoor clothes, and plastic mats.) Failure to do so may result in personal injury or damage to the washer, clothes, walls, floor, and surrounding objects due to abnormal vibration.

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.
- For best performance, load clothes as shown.
- Do not press down on items while stacking them in the drum.
- Load clothes loosely, and do not overfill the drum. Clothes need room to circulate in order to get clean.
- Combine large and small items in the drum. Load large items first. Large items should not be more than half of the total load.
- The washer can be fully loaded, but the drum should not be tightly packed with items. The door of the washer must close easily.
- The washer will not fill or operate with the door open.

Bulky Items

- 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.

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 drum, and brassiere hooks can snag on other clothing or the drum.

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 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.

Single-Use Detergent Packs / Gel or Tablet Detergents

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

Using the Dispenser

To add cleaning products to the automatic dispenser:

1. Open the dispenser drawer.
 2. Load the laundry products into the appropriate compartments.
- Follow the manufacturer's recommendations when adding cleaning products.
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.

CAUTION

- Do not place or store laundry products, such as detergent, bleach, or liquid fabric softener, on top of your washer. These products can damage the washer's finish and controls.

Main Wash Detergent Compartment

This compartment holds laundry detergent for the main wash cycle. Either powdered or liquid detergent may be used in this compartment.

- The detergent is added to the load at the beginning of the cycle. Always use HE (High Efficiency) detergent with your washer.
- Do not exceed the maximum fill line. Using too much detergent can result in detergent buildup in clothing and the washer.
- Liquid or powdered color-safe bleach may be added to the main wash compartment with detergent of the same type. Do not mix liquids and powders
- If the dispenser has a liquid detergent cup and insert:
 - Make sure they are in place when using liquid detergent.
 - Make sure to remove them when using powdered detergent. Powdered detergent will
- When using powdered detergent, remove the insert and liquid detergent cup from the dispenser. Powdered detergent will not dispense with the liquid detergent cup and insert in place.
- If you use a detergent that does not dissolve easily or a detergent with high viscosity, it will leave a residue and clog the dispenser.

Fabric Softener Compartment

This compartment holds fabric softener, which is automatically dispensed during the final rinse cycle. Either powdered or liquid fabric softener may be used.

- Do not exceed the maximum fill line. Using too much fabric softener may stain clothes or cause buildup on fabrics or in the washer.
- Dilute concentrated fabric softeners with warm water.
- Never pour fabric softener directly onto the load or into the drum.

Pre-wash Detergent Compartment

Add liquid or powdered detergent to this compartment when using the Pre-wash option. Always use HE (High-Efficiency) detergent with your washer.

- When using the Pre-wash option, liquid detergent for the main wash needs to be loaded in the liquid detergent cup accessory in the main wash dispenser (where applicable), to prevent it from being dispensed with the pre-wash detergent.
- The amount of detergent added for the Pre wash option is 1/2 the amount recommended for the main wash cycle. For example, if the main wash cycle requires one measure of detergent, add 1/2 measure for the Pre-wash option.

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

4. 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.

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.

Time and Status Display

1. AI DD Indicator

- AI DD provides the appropriate drum rotation actions after load sensing is completed.
- This indicator lights up when the Normal cycle is selected and operated.

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.

3. 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.

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.

4. Wrinkle Care Indicator

- This indicator lights up when the Wrinkle Care option is activated.

5. Rinsing Indicator

- This indicator lights up when extra rinses are added.

6. Pre-wash Indicator

- This indicator lights up when the Pre-wash option is selected.

7. Wi-Fi Indicator

- This indicator is lit when the product is connected to a home Wi-Fi network.

8. 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.

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

NOTE

- Whenever load weights are mentioned, assume 1 lb (0.45 kg) = 1 thick bath towel (dry).

Cycle Modifiers

About Modifier Buttons

Each cycle has default settings that are selected automatically. You can 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.

NOTE

- The setting lights up when it 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

Temp.

Make sure the wash 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.
- Your washer features a heating element to boost the hot water temperature for Ex Hot settings.

This provides improved wash performance at normal water heater settings.

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.

Dry Cycles

General Tips for Drying

Use the automatic cycles to dry most loads.

Electronic sensors measure the temperature of the exhaust to increase or decrease drying temperatures for faster reaction time and tighter temperature control.

- Use the Wash+Dry cycle to automatically wash and dry laundry.
- For better drying results, make sure all items are similar in material and thickness.
- Do not overload the appliance by stuffing too many articles into the drum. Items must be able to tumble freely.
- If you open the door and remove the load before the appliance has finished its cycle, remember to press the Start/Pause button.
- After the end of dry, ENd is displayed.

Woolen Articles

Do not tumble dry woolen articles. Pull them to their original shape and dry them flat.

Woven and Loopknit Materials

Some woven and loopknit materials may shrink, by varying amounts, depending on their quality. Always stretch these materials out immediately after drying.

Permanent Press and Synthetics

Do not overload your appliance. Take out permanent press articles as soon as the appliance stops to reduce wrinkles.

Baby Clothes and Nightgowns

Always check the manufacturer's instructions.

Blankets and Duvets

Check fabric care labels on blankets and duvets before using the drying cycle. Heated drying may cause some blankets and duvets to shrink.

Rubber and Plastics

Do not dry any items made from or containing rubber or plastics, such as:

- Aprons, bibs, chair covers
- Curtains and tablecloths
- Bath mats

Fiberglass

Do not dry fiberglass articles in the appliance. Glass particles left in the appliance may be picked up by your clothes and cause skin irritation.

NOTE

- It is normal for the dryer fan motor to run for about 60 seconds after the dry cycle is stopped.
- Be careful when removing your clothing from the appliance. as the clothing or appliance may be hot.
- The estimated drying time varies from the actual drying time for sensor dry cycles. The type of fabric. size of the load. and the dryness selected affect drying time.
- The Dry Only cycle begins by spinning the

Using Dry Cycles

Press the Dry button repeatedly to select a dry cycle.

Normal.

Reduces the drying time and energy usage during the dry cycle.

- Fabric Type: Cotton or linen fabrics such as cotton towels. t-shirts. and linen clothing.

Damp Dry

Leaves clothes slightly damp for easier ironing.

- Fabric Type: Cotton or linen fabrics. ready to iron at the end of cycle.

Low Temperature

Uses low temperature drying to protect clothing.

- Fabric Type: Easy care or permanent press fabrics.

Energy Saver

Heated air-condensing dry that saves water.

- Fabric Type: Cotton or linen fabrics such as cotton towels. t-shirts. and linen clothing.

Time 30/60/120 minutes Select the drying time according to the load size.

- Fabric Type: Cotton, towels

NOTE

- The capacity of the machine for washing clothes is twice as much as when drying clothes. If the machine is to be used to dry a load. then the wash load must be smaller for effective drying performance. If a full load is washed. remove half the clothes prior to starting the dry cycle.
- All dry cycles begin with a brief spin cycle to extract as much moisture as possible from the load before drying.

Using a Wash and Dry Function

1. Prepare the laundry and load the drum.
 - For consistently dry loads. all articles in the load should be similar in material and thickness.
 - Do not overload the drum. Items must have room to tumble freely.
2. Press the Power button.
3. Select a wash cycle.
4. Add detergent.
5. Press the Dry button repeatedly to toggle through the selections:
 - Normal - For general drying
 - Damp Dry - For damp drying items for ironing
 - Low Temperature - For delicate fabrics
 - Energy Saver - For heavier fabrics
 - Time 30/60/120 minutes - For timed drying
6. Press the Start/Pause button.

Only Using a Dry Function

1. Prepare the laundry and load the drum.
 - For consistently dry loads. all articles in the load should be similar in material and thickness.
 - Do not overload the drum. Items must have room to tumble freely.
2. Press the Power button.
 - Do not select the wash cycle.
3. Press the Dry button repeatedly to toggle through the selections:
 - Normal - For general drying
 - Damp Dry - For damp drying items for ironing
 - Low Temperature - For delicate fabrics
 - Energy Saver - For heavier fabrics
 - Time 30/60/120 minutes - For timed drying
4. Press the Start/Pause button.

NOTE

- If you turn the cycle selector knob. you will be unable to select a dry only cycle. If this occurs. press Power twice to cycle the machine off and back on.

Waterless Dry Option

This option uses a heated, air-condensing dry without using the water normally used for condensing.

1. Prepare the laundry and load the drum.

- For consistently dry loads, all articles in the load should be similar in material and thickness.
- Do not overload the drum. Items must have room to tumble freely.

2. Press the Power button.

3. Select a dry cycle.

4. Press and hold the Dry button for 3 seconds.

5. Press the Start/Pause button.

NOTE

- A little amount of water is used to wash the lint filter included in the drying module of this product

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.

Steam

Adding this option to a wash cycle helps provide superior cleaning performance. Using steam gives fabrics the cleaning benefits of a very hot wash.

- Steam may not be clearly visible during steam cycles. This is normal. Too much steam could damage clothing.
- Do not use steam with delicate fabrics such as wool and silk, or easily discolored fabrics.

WARNING

- Do not touch the door during steam cycles. The door surface can become very hot and can cause severe burns. Allow the door lock to release before opening the door.
- Do not attempt to override the door lock mechanism or reach into the washer during a steam cycle. Steam can cause severe burns.

Wrinkle Care

This option adds steam after the spin to reduce wrinkles.

1. Turn on the power.
2. Select the desired cycle.
3. Press and hold the Steam button for 3 seconds to select this function.
4. Press the Start/Pause or Power button at any time to unload laundry.

Using the Pre-wash Option

This option adds a pre-wash (for about 15 - 17 minutes) for improved cleaning of heavily soiled or stained clothing.

- Press and hold the TurboWash™ and Dry buttons at the same time for 3 seconds.

The indicator (I) lights up.

Remote Start

Use a smartphone to control your washer remotely.

- For more information, see SMART FUNCTIONS in this manual.

Delay Wash

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

- Each press of this 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.

Wi-Fi

When the washer is connected to a home Wi-Fi network, the f icon on the control panel is lit.

- To connect the washer to the LG ThinQ application, press and hold the Delay Wash button for 3 seconds.

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.

- Press and hold the TurboWash™ button for 3 seconds to add additional rinses to the cycle.

TurboWash™

Adding this option reduces the cycle time while still providing similar wash performance to the same cycle without TurboWash™.

Heavy Soil

Select this option to wash heavily soiled laundry with more power than the standard cycle.

- Press the Heavy Soil button to select the option.

Control Lock

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

NOTE

- The function does not lock the door.
- Once this function is set, all buttons are locked except the Power button.
- When the controls are locked, CL and the remaining time are alternately shown on the display during the wash cycle.
- Turning off the power will not reset this function. You must deactivate this function before you can access any other options and functions.

Locking/Unlocking the Control Panel

1. Turn on the power.
2. Press and hold the Delay Wash and Heavy Soil buttons at the same time for 3 seconds to activate/deactivate this function.

- When the function is deactivated, a chime will sound and the remaining time for the current cycle will reappear on the display.

Signal

The washer plays a melody when the wash cycle is finished. The buttons make a sound each time a button is pressed. Use this button to turn the melody and button tones on or off.

- To turn the function on/off, press and hold the Spin button for 3 seconds.

SMART FUNCTIONS

Using LG ThinQ Application

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

LG ThinQ Application Features

The app is compatible with products that contain the wireless LAN module.

- **Remote Start**

Control the appliance remotely from the LG ThinQ application.

- **Downloaded**

Download new and specialized cycles that are not included in the standard cycles on the appliance.

- **Tub Clean Coach**

Find out how many cycles remain before it is time to run the Tub Clean cycle.

- **Energy Monitoring**

Keep track of the washer's power consumption and how it is affected by your selected wash cycles and options.

- **Smart Diagnosis™**

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

- **Push Alerts**

When the cycle is complete or the appliance has problems, you will receive a push message.

- **Settings**

Set various options on the appliance and in the application.

NOTE

- If you change your wireless router, Internet service provider, or password, delete the connected appliance from the LG ThinQ application and connect it again.
- This information is current at the time of publication. The application is subject to change for product improvement purposes without notice to users.

Before Using LG ThinQ Application

1. Check the distance between the appliance and the wireless router (Wi-Fi network).
 - If the appliance is too far from the router, the signal strength becomes weak. It may take a long time to connect or installation may fail.
2. Turn off the Mobile data or Cellular Data on your smartphone.
3. Connect your smartphone to the wireless router.

NOTE

- To verify the Wi-Fi connection, check that the Wi-Fi icon on the control panel is lit.
- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
- LG ThinQ is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- 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.
- If the appliance cannot be registered due to problems with the wireless signal transmission.
- If the firewall on your wireless router is enabled. disable the firewall or add an exception to it.
- The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
- Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.
- If the security protocol of the router is set to WEP. network setup may fail. Change the security protocol (WPA2 is recommended) and connect the product again.

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.

Using the Appliance Remotely

Remote Start

Use a smartphone to control your appliance remotely. You can also monitor your cycle operation so you know how much time is left in the cycle.

Using Remote Start

1. Put the laundry in the drum and add detergent to the detergent dispenser drawer.
 - If desired. add bleach or fabric softener to the appropriate areas of the dispenser.
2. Press the Power button.
3. Press and hold the Remote Start button for 3 seconds to enable the remote control function.
4. Start a cycle from the LG ThinQ application on your smartphone.

NOTE

- Once this function is enabled. you can only start a cycle from the LG ThinQ smartphone application. If the cycle is not started. the appliance will wait to start the cycle until it is
- If the door has been opened. you cannot start a

Disabling Remote Start Manually

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

Download Cycle

You can download new and specialized cycles that are not included in the standard cycles on the appliance.

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

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

NOTE

- Only one downloaded cycle can be stored on the

FCC Notice

The following notice covers the transmitter module contained in this product.

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

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

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

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

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

FCC RF Radiation Exposure Statement

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

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

Industry Canada Statement

This device contains licence-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's licence exempt RSS(s). Operation is subject to the following two conditions:

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

IC Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body.

NOTE

- THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Smart Diagnosis™ Function

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 LG ThinQ to Diagnose Issues

If you experience a problem with your Wi-Fi equipped appliance, it can transmit troubleshooting data to a smartphone using the LG ThinQ application.

SMART FUNCTIONS

ENGLISH

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

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. Place the mouthpiece of your smartphone close to the Power button.

3. Press and hold the Temp. button for 3 seconds or until the audible tones start. Hold the smartphone mouthpiece to the Power button until the data transfer is complete.

- Keep the smartphone in place until the data transfer has finished. Time remaining for data transfer is displayed.

4. After the data transfer is complete, the diagnosis will be displayed in the application.

NOTE

- For best results, do not move the smartphone

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, valve, motor, control board.

Regular Cleaning

Care after Wash

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

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

WARNING

- Make sure children and pets do not climb into the drum. 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.

Door: 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 door opening and door 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.

Cleaning the Drum

Over time, residue may build up in the drum, 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 drum 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
 1. Remove any clothing from the drum.
 2. Add cleaning agents.
 - For other drum 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 drum after cleaning.
 3. Close the door and press the Power button.
 4. Select the Tub Clean cycle and press the Start/Pause button to begin the cycle.

5. After the cycle ends, open the door and allow the drum interior to dry completely.

WARNING

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

NOTE

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

Automatic Alert for Tub Clean When the power is on and the tcL message blinks on the display, it means the washer drum needs cleaning. Use the Tub Clean cycle to clean the washer drum. The frequency of the automatic alert's appearance depends on how often the washer is used. However, the message will generally appear every one to two months.

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 drum.
- After descaling, always run the Tub Clean cycle before washing clothing.
- Mineral scale and other spots may be removed from the stainless steel drum using a soft cloth soaked in stainless steel cleaner.
- Do not use steel wool or abrasive cleaners.

Leaving the Door Open

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

Cleaning the Dispenser Drawer

Leaving detergent in the detergent dispenser drawer for an extended period of time or using the washer for a long period of time may cause the build-up of residue in the detergent dispenser drawer. Remove and clean the detergent dispenser drawer once or twice a month.

WARNING

- Do not spray water inside the washer. Doing so
 1. Turn off the washer, and unplug the power cord.
 2. Pull the drawer straight out until it stops.
 3. Press down hard on the disengage button and pull the drawer completely out.

4. Remove the inserts from the drawer.
5. Clean the inserts and drawer with warm water. • Use a soft cloth or brush to clean and to remove any residue. • Do not use soap when cleaning the drawer and inserts.
6. Wipe off any moisture with a dry towel or cloth after cleaning.
7. 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.
8. Replace the drawer.

Cleaning the Door Seal

Clean the door seal once a month to prevent build-up of dirt.

CAUTION

• Cleaning the door seal with undiluted bleach may cause malfunction of the door seal and washer parts. You must add water to the bleach before using it.

1. Wear rubber gloves and protective goggles.
2. Dilute 3/4 cup (177 mL) of liquid chlorine bleach in 1 gallon (3.8 L) of water.
3. Wipe around the door seal • Soak a sponge or a soft cloth in this diluted solution and wipe all around the door seal.
4. Wipe up any moisture with a dry towel or cloth after cleaning.
5. Leave the door open to allow the door seal to dry completely.

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 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 IE 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.

Cleaning the Drain Pump Filter

The washer fails to drain if the drain pump filter is clogged. Periodically clean the drain filter to prevent clogging with foreign objects.

WARNING

- Opening the drain filter will result in water overflowing if there is water in the drum. Use a bucket if the drum is not completely drained before you open the drain filter.
- Using the washer without the drain filter or with an incorrectly assembled drain filter may cause leaks or malfunction of the washer.

1. Turn off the washer, and unplug the power cord.
2. Open the drain pump filter cover.
3. Drain any remaining water. • Unclip the drain hose and remove the plug from the drain hose to drain the remaining water.
4. Remove the pump filter. • Twist the pump filter counterclockwise to remove.
5. Clean the pump filter and opening.
6. Reassemble the plug onto the drain hose and reclip the drain hose.
7. Insert the drain pump filter and twist it clockwise.
8. Close the drain pump filter cover.

NOTE

- An OE message blinks on the display when the drain pump filter is clogged with dirt. Clean the drain pump 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 drum is empty before following
 1. Turn off the washer, and unplug the power cord.
 2. Turn off the water faucets.
 3. Disconnect the water inlet hoses. Drain any water from the 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 drum and close the door. • Never use automotive antifreeze.
 6. Turn on the washer and press the Spin button.
 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 drum interior with a soft cloth, and close the door.
 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 the Rinse+Spin 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 the Spin button to operate spin only cycle for draining and spinning.
9. Press the Start/Pause button.

When the Drain Hose is Frozen

1. Pour hot water in the washer drum and close the door.
2. Wait for 1 - 2 hours.
3. Press the Power button.
4. Press the Spin button to operate spin only cycle for draining and spinning.
5. Press the Start/Pause button to make sure the water drains.

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.