

All about the Use & Care of your Washer

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IMPORTANT SAFETY INSTRUCTIONS

WARNING

Please read all instructions before using this washer.

Recognize safety symbols, words and labels

Safety items throughout this manual are labeled with a WARNING or CAUTION based on the risk type as described below:

Definitions

 This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

IMPORTANT

IMPORTANT indicates installation, operation or maintenance information which is important but not hazard-related.

Product Record

Record Your Model and Serial Numbers

The model and serial numbers of your washer are found on the serial plate located under the washer lid. Record and retain these numbers.

Model Number _____

Serial Number _____

Purchase Date _____

Read all instructions before using this appliance. This book contains valuable information about:

- Operation
- Care
- Service

Keep it in a safe place.

This *Use and Care Guide* provides general operating instructions for your washer. It also contains information about features for several other models. Your washer may not have every feature included.

Use the washer only as instructed in this *Use & Care Guide*.

NOTE

The instructions appearing in this *Use and Care Guide* are not meant to cover every possible condition and situation that may occur. Common sense and caution must be practiced when installing, operating and maintaining any appliance.

Save these instructions for future reference.

IMPORTANT SAFETY INSTRUCTIONS

⚠ WARNING - RISK OF FIRE

To reduce the risk of fire, electrical shock, or injury to persons when using this washer, comply with the basic warnings listed below. Failure to comply with these warnings could result in serious personal injuries.

You can be killed or seriously injured if you don't follow these Important Safety Instructions:

PREVENT FIRE

- Do not wash items that have been previously cleaned in, soaked in, or spotted with gasoline, cleaning solvents, kerosene, cooking oils, waxes, etc. Do not store these items on or near the washer. These substances give off vapors or chemical reactions that could ignite or explode.
- Do not put oily or greasy rags or clothing on top of the washer. These substances give off vapors that could ignite the materials.
- Do not add gasoline, cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
- Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot water system has not been used for such a period, before using the washer, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. Hydrogen gas is flammable; do not smoke or use an open flame during this time.
- Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.
- Failure to comply with these warnings could result in fire, explosion, serious bodily injury and/or damage to the rubber or plastic parts of the washer.
- Do not continue to use the washer if you hear squeaking, grinding, rubbing or other unusual noises. This could be a sign of mechanical breakdown and lead to fire or serious injury. Contact a qualified technician immediately.

PROTECT CHILDREN

- Do not allow children to play on or in the washer. Close supervision of children is necessary when the washer is used near children. As children grow, teach them the proper, safe use of all appliances.
- Destroy the carton, plastic bag and other packing materials after the washer is unpacked. Children might use them for play. Cartons covered with rugs, bedspreads or plastic sheets can become airtight chambers.
- Keep laundry products out of children's reach. To prevent personal injury, observe all warnings on product labels.
- Before the washer is removed from service or discarded, remove the washer lid to prevent accidental entrapment.
- Failure to comply with these warnings could result in serious personal injuries.

IMPORTANT SAFETY INSTRUCTIONS

PREVENT INJURY

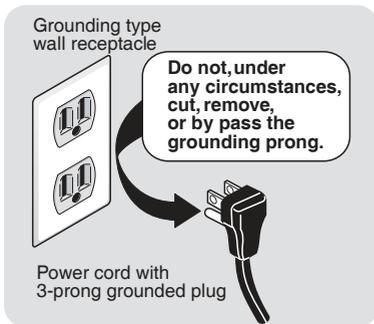
- To prevent shock hazard and assure stability during operation, the washer must be installed and electrically grounded by a qualified service person in accordance with local codes. Installation instructions are packed in the washer for installer's reference. Refer to **INSTALLATION INSTRUCTIONS** for detailed grounding procedures. If the washer is moved to a new location, have it checked and reinstalled by a qualified service person.
- To prevent personal injury or damage to the washer, the electrical power cord of the washer must be plugged into a properly grounded and polarized 3-prong outlet. The third grounding prong must never be removed. Never ground the washer to a gas pipe. Do not use an extension cord or an adaptor plug.
- Follow package directions when using laundry products. Incorrect usage can produce poisonous gas - resulting in serious injury or death.
- Do not combine laundry products for use in same load unless specified on the label.
- Do not mix chlorine bleach with ammonia or acids such as vinegar.

⚠ WARNING

FIRE/ELECTRICAL SHOCK HAZARD

Avoid fire hazard or electrical shock. Do not use an adaptor plug or extension cord or remove grounding prong from electrical power cord. Failure to follow this warning can cause serious injury, fire or death.

The electrical valve, retractor, motor and drain pump of this appliance are intentionally not grounded and may present a risk of electric shock during serving. Do not contact these electronic devices while the appliance is energized.



PREVENT INJURY AND DAMAGE TO THE APPLIANCE

To prevent serious personal injury and damage to the washer:

- All repairs and servicing must be performed by an authorized servicer unless specifically recommended in this *Use & Care Guide*. Use only authorized factory parts.
- Do not tamper with controls.
- Do not install or store the washer where it will be exposed to the weather.
- Do not install on carpet. Install washer on a solid floor. It may be necessary to reinforce the floor to prevent vibration or movement.
- Do not sit on, step on or stand on the washer. Do not rest heavy loads on top. The washer is not meant to support weight.
- To reduce the risk of electric shock, disconnect this appliance from the power supply before attempting any user maintenance. Canceling a cycle or turning the power off at the console does not disconnect this appliance from the power supply.
- To prevent injury, do not reach into the washer while parts are moving. Before loading, unloading or adding items, press **POWER** ⏻ button to stop the cycle. Allow the wash tub to coast to a complete stop before reaching inside.
- This washer is equipped with an electrical overload protector. The washer motor will stop if it becomes overheated.
- Failure to comply with these warnings could result in serious personal injuries.
- Do not use replacement parts that have not been recommended by the manufacturer (e.g. parts made at home using a 3D printer).

⚠ WARNING

HARMFUL VAPOR HAZARD

Do not use or mix liquid chlorine bleach with other household chemicals such as toilet cleaners, rust removers, acid or products containing ammonia. These mixtures can produce dangerous fumes which can cause serious injury or death.



📌 IMPORTANT

Do not wash water-resistant clothing, rugs, mats, or other waterproof items. This may create a hazardous out-of-balance situation.

Read all instructions before operating this washer.

OPERATING INSTRUCTIONS

Washing Procedures

WARNING

To reduce the risk of fire, electric shock or injury to persons, read the IMPORTANT SAFETY INSTRUCTIONS in this Use and Care Guide before operating your washer.

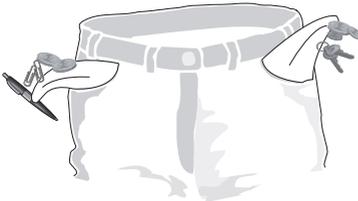
1 Sort laundry into loads that can be washed together.



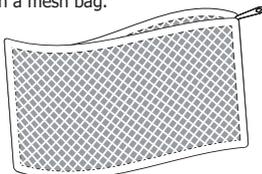
- Sort items by recommended cycle and water temperature.
- Separate white, light and colorfast items from dark and non-colorfast items.
- Separate items that shed lint from items that attract lint. Casual, synthetic, knit, and corduroy items will pick up lint from towels, rugs, and bedspreads.
- Separate heavily soiled items from lightly soiled items.
- Separate lacy, sheer, loosely knit, or delicate items from durable items.
- Do not machine wash items containing fiberglass. Small particles of fiberglass left in the drum may transfer to fabrics in other loads and cause skin irritation and/or damage to fabrics.

2 Prepare items for washing.

- Empty pockets.



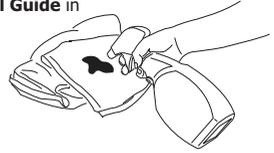
- Brush off lint and dirt. Shake out rugs and beach towels.
- Close zippers, fasten hooks, button buttons, tie strings and sashes, and remove non-washable trims and ornaments.
- Mend rips and tears to prevent further damage during washing.
- Turn knit items inside out to prevent pilling.
- Place delicate and small items such as bras, hosiery and baby socks in a mesh bag.



(Mesh bag not included.)

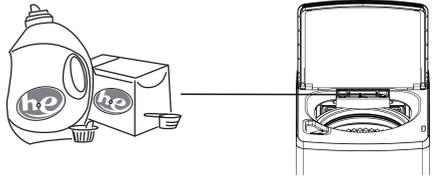
3 Pretreat stains and heavy soil.

- See **Stain Removal Guide** in this guide for safe, successful stain removal instructions.



4 Add a measured amount of detergent to the detergent compartment.

- Follow detergent manufacturer's directions. The amount required depends on type of detergent, load size and soil level, and water hardness.



For best results

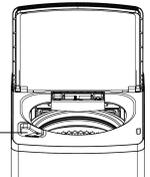
Use a low-sudsing, high efficiency detergent to prevent oversudsing. Look for this symbol on the detergent label: 

- If using pod-type detergent packs, place them directly at the bottom of empty tub **BEFORE** adding laundry.



5 If desired, add liquid bleach to bleach dispenser.

- Before adding the wash load, add liquid bleach to bleach dispenser.



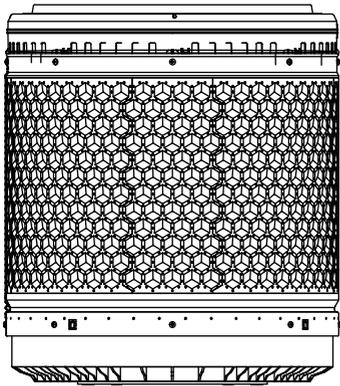
- Refer to bleach manufacturer's directions for quantity to add.
- Do not exceed the max fill line.
- Do not use powdered bleach in the bleach dispenser. Add powdered bleach to the empty tub.
- If using liquid color-safe bleach, add it to the liquid detergent dispenser if using liquid detergent.

OPERATING INSTRUCTIONS

Washing Procedures, continued

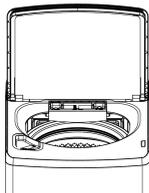
6 Add laundry load to washer.

- For best washing performance, dry load level should not be higher than the upper row of holes in the wash tub. Do not overload the washer.



- Combine large and small items in a load. Load small items first. Large items should not be more than half the total wash load.
- When washing a single heavy item, add 1 or 2 towels to balance the load.

7 If desired, add liquid fabric softener to fabric softener dispenser.



- Add liquid softener to the dispenser, following fabric softener label directions. DO NOT use granular detergent in this dispenser.
- DO NOT fill above the maximum fill line.
- Turn fabric softener option on.
- Do not use powder products in this dispenser.

NOTE

If a build-up of fabric softener occurs, clean with hot water. See Care and Cleaning section for additional information.

Other Wash Products

- Water conditioner, detergent booster and enzyme products may be added with the detergent.

8 Select the appropriate cycle and settings for the load.

- Close the washer lid. The washer will not operate with the lid open.
- Press the **POWER**  button to turn on the unit.
- Turn the cycle selector in either direction to scroll to the desired cycle. The indicator for that cycle will be illuminated. See the "Cycle Selection" section in this guide for descriptions of each cycle.
- The estimated cycle time, preset wash water temperature, soil level, and options for each cycle will be indicated for the cycle displayed. See the "Cycle Settings" and "Washer Settings Chart" in this guide for descriptions and available settings for each cycle.
- To change the settings, press the **Temp** and **Soil Level** buttons to scroll to the desired settings.
- To select or deselect an option, press the button for that option. The indicator will be illuminated when the option has been selected. The indicator will no longer be lighted when the option has been deselected.
- After making your selections, press **START** to begin the cycle.
- To add a forgotten item to the wash tub, press the **PAUSE** button to pause the cycle. After the lock releases, lift the lid and add the item. Close the lid and press **START** again, continuing the current cycle.
- To cancel a running cycle, press the **POWER**  button.

OPERATING INSTRUCTIONS

Washing Procedures, continued

9 Remove items when the cycle is completed.

- For your safety, the lid is locked during the final spin of the cycle. It will unlock at the cycle end after the tub has come to a complete stop.



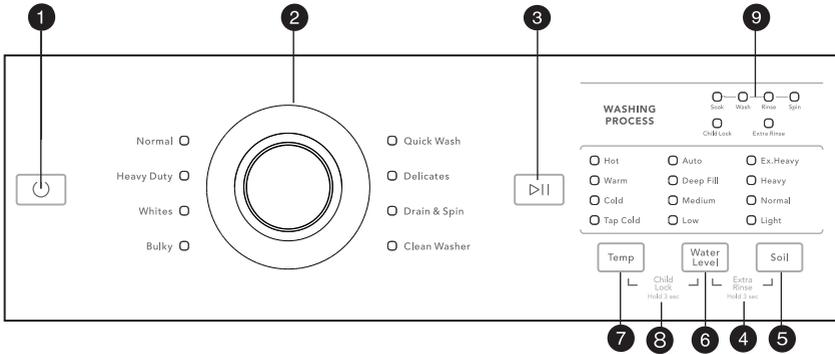
- To open the lid during cycle final spin, press the **PAUSE** button to pause the cycle. Wait for the lid lock to release. **Do not force open the locked lid.**

⚠ CAUTION

To avoid serious personal injury, do not operate washer if safety lid lock is missing, damaged or operating improperly.

- Remove items from the washer when the cycle ends and place in dryer, line dry or dry flat as directed on the fabric care label. Excess wrinkling, color transfer or odors may develop in items left in the washer after the cycle has ended.

Cycle Selection



1 POWER

4 Extra Rinse

7 Temp

2 Cycle

5 Soil

8 Child Lock

3 START

6 Water Level

9 Status Lights

This manual covers many models and not all cycles, options, or features listed are available on every model. Console shown above for reference only. Your model may differ.

Press the **POWER** **1** button to turn on the unit. Turn the cycle selector in either direction to scroll through the cycles. To change the cycle once it has begun, press the **POWER** **1** button before selecting a new cycle. Just turning the cycle selector will not change the cycle.

For best results

Follow the fabric care label instructions on items to be washed.

OPERATING INSTRUCTIONS

Cycle Selection, continued

ⓘ **POWER**

Press the Power button to your washer. Press again to turn off your washer. If you leave your washer on and do not press **START/PAUSE** within 10 minutes, your washer automatically turns off.

Cycle

Turn it select a wash Cycle. The Cycle you select determines the wash pattern for the Cycle.

START

Press once to start the Cycle. Press again to pause the Cycle. If you pause the Cycle, you can add or remove items, but you cannot change any settings. Press again to restart the Cycle.

Soil

Press to select the soil. to get different soil level settings.

Water Level

Select the washing Water Level. The rinsing Water Level is the same as the washing Water Level.

Deep Fill - Select for the large loading level.

Medium - Select for the medium.

Low - Select for the low loading level.

Auto - Automatically selects the water level according to the loading weight.

Temp

Press to select the washing water temperature. The rinse water temperature is always cold.

Child Lock

Press and hold the **Temp** and **Water Level** buttons at the same time for three seconds to turn on the Child Lock function. Press and hold these buttons again for three seconds to turn off the function. When the Child Lock function is turned on, the only button that works is the **POWER** button and the **Temp** and **Water Level** buttons you use to turn off the **Child Lock**.

NOTE

Cleaning vinegar works well to freshen your load as a substitute to traditional fabric softeners. Load into fabric softener dispenser as normal.

OPERATING INSTRUCTIONS

Cycle Settings

Select appropriate wash water temperature and soil level settings suitable for each load. Make selections according to fiber content, colorfastness and soil level.

The settings can be changed before the cycle is started. If changes are attempted after the cycle starts, the lights will flash and a signal will beep, but the cycle will continue.

NOTE

To change the temperature or soil level once the cycle has begun, press the **PAUSE** button, make the new selection and press **START** again.

Wash Water Temperature

To change the preset washing temperature, press the **Temp** button to scroll to the desired setting.

The water heater setting and its distance from the washer, water usage in other parts of the home, and seasonally low ground water temperature in some geographic areas can affect water temperature.

Hot

Use this setting for heavily soiled white or colorfast cottons and blends.

Warm

Use this setting for normally soiled white or colorfast cottons or blends.

Cold

Some warm water will automatically blend with cold tap supply to achieve **cold**. Use this setting for lightly soiled non-colorfast items, knits, delicates, and hand washables.

Tap Cold

Wash and rinse temperatures are equivalent to temperature of cold tap supply. Use this selection for fabrics and colors that are prone to dye transfer. For use with cold water  detergents.

Soil Level

To change the preset level, press the **Soil** button to scroll to the length of agitation desired.

Adjust duration of agitation time based on the soil level of each load. **Ex.Heavy** , **Heavy** , **Normal** , and **Light** soil levels are available.

Cycle Options

To select an option, press the corresponding option button to illuminate the desired option. To deselect an option, press the option button again and the indicator light will turn off.

To protect your fabrics, not all options are available with every cycle. If an option is not appropriate for the cycle, the indicator will not light.

NOTE

To change options once the cycle has begun, press the **PAUSE** button, make the new selection and press **START** again.

OPERATING INSTRUCTIONS

Other Features

ⓘ POWER

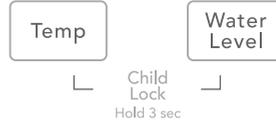
Press and hold for 1 seconds to turn on your washer.

Turn you washer on, off, or cancel the current cycle with the **POWER** ⓘ button. If the washer is left on for more than ten minutes without pressing the **START** button, the washer will automatically turn off.



🔒 Child Lock

To avoid having someone accidentally start or stop the washer, press **Temp** and **Water Level**, and hold for 3 seconds. The **Child Lock** indicator light will be illuminated. To remove the **Child Lock**, press and hold **Temp** and **Water Level**. If the lid is in the raised position for more than 20 seconds while the **Child Lock** feature is activated, the washer will begin draining water from the tub. To clear the display and stop the tub from draining, press the **POWER** ⓘ button.



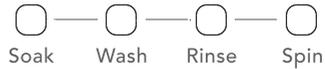
Estimated Time Remaining

The estimated cycle duration will be displayed before you start the cycle and time remaining will be displayed after you start the cycle. The initial display may be "--" for some cycles. Out-of-balance situations during spins may occasionally lengthen actual cycle times.

Status Lights

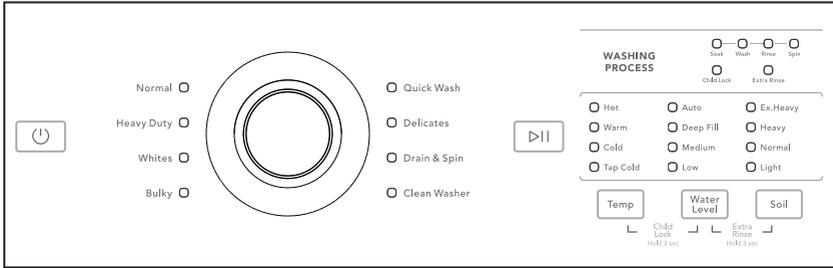
The following indicators may be lighted during the cycle, indicating the current phase of the wash cycle:

- Soak
- Wash
- Rinse
- Spin



OPERATING INSTRUCTIONS

Washer Settings Chart



These temperatures and options are available with the following cycles:

Program	Water Level	Temp	Extra Rinse	Soil level	Soak
Normal	Auto Deep Fill Medium Low	Hot Warm Cold Tab Cold	Y	Ex. Heavy Heavy Normal Light	—
Quick Wash	Auto Deep Fill Medium Low	Hot Warm Cold Tab Cold	—	Normal Light	—
Delicates	Medium Low	Hot Warm Cold Tab Cold	Y	Heavy Normal Light	—
Drain&spin	—	—	—	—	—
Clean Washer	Deep Fill	Hot	—	Ex. Heavy	—
Bulky	Auto Deep Fill Medium Low	Hot Warm Cold Tab Cold	Y	Ex. Heavy Heavy Normal Light	10
Whites	Auto Deep Fill Medium Low	Hot Warm Cold Tab Cold	Y	Ex. Heavy Heavy Normal Light	—
Heavy Duty	Auto Deep Fill Medium Low	Hot Warm Cold Tab Cold	Y	Ex. Heavy Heavy Normal Light	—

STAIN REMOVAL GUIDE

Safe Stain Removal Procedures

To reduce the risk of fire or serious injury to persons or property, comply with the basic warnings listed below:

- Read and comply with all instructions on stain removal products.
- Keep stain removal products in their original labeled containers and out of children's reach.
- Thoroughly wash any utensils used.
- Do not combine stain removal products, especially ammonia and chlorine bleach. Dangerous fumes can result.
- Never wash items which have been previously cleaned in, washed in, soaked in or spotted with gasoline, dry cleaning solvents or other flammable or explosive substances because they give off vapors that could ignite or explode.
- Never use highly flammable solvents, such as gasoline, inside the home. Vapors can explode on contact with flames or sparks.

For Successful Stain Removal:

- Remove stains promptly.
- Determine the kind of stain, then follow the recommended treatment in the stain removal chart on the next page.
- To pretreat stains, use a prewash product, liquid detergent, or a paste made from powder detergent and water.
- Use cold water on unknown stains as hot water can set stains.
- Consult care label instructions for treatments to avoid on specific fabrics.
- Check for colorfastness by testing stain remover products on an inside seam.
- Rinse and wash items after stain removal.

⚠ WARNING

HARMFUL VAPOR HAZARD

Do not use or mix liquid chlorine bleach with other household chemicals such as toilet cleaners, rust removers, acid or products containing ammonia. These mixtures can produce dangerous fumes which can cause serious injury or death.



For best results

Follow the fabric care label instructions on items to be washed.



STAIN REMOVAL GUIDE

Stain Removal Suggestions

STAIN	TREATMENT
Adhesive tape, chewing gum, rubber cement	Apply ice. Scrape off excess. Place stain face down on paper towels. Saturate with prewash stain remover or nonflammable dry cleaning fluid.
Baby formula, dairy products, egg	Use product containing enzymes to pretreat or soak stains. Soak for 30 minutes or more. Wash.
Beverages (coffee, tea, soda, juice, alcoholic beverages)	Pretreat stain. Wash using cold water and bleach safe for fabric.
Blood	Rinse with cold water. Rub with bar soap. Or, pretreat or soak with product containing enzymes. Wash using bleach safe for fabric.
Candle wax, crayon	Scrape off surface wax. Place stain face down between paper towels. Press with warm iron until wax is absorbed. Replace paper towels frequently. Treat remaining stain with prewash stain remover or nonflammable dry cleaning fluid. Hand wash to remove solvent. Wash using bleach safe for fabric.
Chocolate	Pretreat or soak in warm water using product containing enzymes. Wash using bleach safe for fabric.
Collar or cuff soil, cosmetics	Pretreat with prewash stain remover or rub with bar soap.
Dye transfer on white fabric	Use packaged color remover. Wash using bleach safe for fabric.
Grass	Pretreat or soak in warm water using product containing enzymes. Wash using bleach safe for fabric.
Grease, oil, tar (butter, fats, salad dressing, cooking oils, car grease, motor oils)	Scrape residue from fabric. Pretreat. Wash using hottest water safe for fabric. For heavy stains and tar, apply nonflammable dry cleaning fluid to back of stain. Replace towels under stain frequently. Rinse thoroughly. Wash using hottest water safe for fabric.
Ink	Some inks may be impossible to remove. Washing may set some inks. Use prewash stain remover, denatured alcohol or nonflammable dry cleaning fluid.
Mildew, scorch	Wash with chlorine bleach if safe for fabric. Or, soak in oxygen bleach and hot water before washing. Badly mildewed fabrics may be permanently damaged.
Mud	Brush off dry mud. Pretreat or soak with product containing enzymes.
Mustard, tomato	Pretreat with prewash stain remover. Wash using bleach safe for fabric.
Nail polish	May be impossible to remove. Place stain face down on paper towels. Apply nail polish remover to back of stain. Repeat, replacing paper towels frequently. Do not use on acetate fabrics.
Paint, varnish	WATER BASED: Rinse fabric in cool water while stain is wet. Wash. Once paint is dry, it cannot be removed. OIL BASED AND VARNISH: Use solvent recommended on can label. Rinse thoroughly before washing.
Perspiration	Use prewash stain remover or rub with bar soap. Rinse. Wash using nonchlorine bleach in hottest water safe for fabric.
Rust, brown or yellow discoloration	Use rust remover safe for fabric. Do not use chlorine bleach because it may intensify discoloration.
Shoe polish	LIQUID: Pretreat with a paste of powder detergent and water. PASTE: Scrape residue from fabric. Pretreat with prewash stain remover or nonflammable dry cleaning fluid. Rinse. Rub detergent into dampened area. Wash using bleach safe for fabric.
Tomato	Pretreat with prewash stain remover. Wash using bleach safe for fabric.
Urine, vomit, mucus, feces	Pretreat or soak in product containing enzymes. Wash using bleach safe for fabric.
Wine	Pretreat or soak in cold water. Wash in hottest water and bleach safe for fabric

CARE AND CLEANING

Tub Clean Cycle

To help prevent odors or humidity accumulation leave the lid open for a few hours after use or whenever the washer is not in use.

⚠ CAUTION

Do not leave the lid open if there are small children or pets present. An open lid could entice children to crawl inside the washer. If there are no small children present, you may leave the lid up to prevent odor build up.

To clean and freshen the wash tub, perform the **Clean Washer** cycle. For best results perform the cycle once a month.

To begin the cycle, select the **Clean Washer** cycle. **REMOVE ALL ITEMS FROM WASH TUB** before adding one (1) cup of liquid chlorine bleach OR one (1) pouch of Tide® Washing Machine Cleaner to the empty tub. **DO NOT** use both. Press **START** to begin.

👉 IMPORTANT

Items left in washer while performing the **Clean Washer** cycle may cause damage to the washing machine.



For best results

Immediately follow up with a **Quick Wash** cycle to help clear any residual bleach left after the **Clean Washer** cycle.

⚠ WARNING

HARMFUL VAPOR HAZARD

Do not use or mix liquid chlorine bleach with other household chemicals such as toilet cleaners, rust removers, acid or products containing ammonia. These mixtures can produce dangerous fumes which can cause serious injury or death.



Cleaning Instructions



▶ IMPORTANT

Do not store or place laundry products on top of washer at any time. They can damage the finish or controls.

INSIDE

- Remove items from the washer as soon as the cycle ends. Excess wrinkling, color transfer, and odors may develop in items left in the washer.
- Dry the washer top, the area around the lid opening, and the underside of the lid. These areas should always be dry before the lid is closed.
- Before cleaning the washer interior, unplug the electrical power cord to avoid electrical shock hazards.
- When extremely soiled items have been washed, a dirty residue may remain on the tub. Remove this by wiping the tub with a nonabrasive household cleanser. Rinse thoroughly with water.
- The agitator or tub may become stained from fabric dye. Clean these parts with a nonabrasive household cleanser. This prevents dye transfer to future loads.

OUTSIDE

- When washing is completed, wipe top and sides of washer with a damp cloth.
- Clean the cabinet with mild soap and water. Never use harsh, gritty or abrasive cleansers.
- If the cabinet becomes stained, clean with diluted chlorine bleach (1 part bleach to 8 parts water). Rinse several times with clear water.
- Remove glue residue from tape or labels with a mixture of warm water and mild detergent. Or, touch residue with the sticky side of tape.
- Before moving the washer, place a strip of cardboard or thin fiberboard under the front leveling legs to prevent damage to the floor.

SOLUTIONS TO COMMON WASHING INQUIRIES

Many washing problems involve poor soil and stain removal, residues of lint and scum, and fabric damage. For satisfactory washing results, follow these suggestions provided by The Soap and Detergent Association.

PROBLEM	POSSIBLE CAUSES	SOLUTIONS	PREVENTIVE MEASURES
Blue stains	<ul style="list-style-type: none"> • Undiluted liquid detergent or fabric softener dispensed directly onto fabric. 	<ul style="list-style-type: none"> • If caused by detergent, mix 1 cup (240 ml) white vinegar with 1 quart (.95 L) water in a plastic container. Soak item 1 hour. Rinse. • If caused by fabric softener, rub stains with bar soap. Wash. 	<ul style="list-style-type: none"> • Add detergent to empty tub. Do not pour on dry load. • Avoid overfilling fabric softener compartment of dispenser.
Discoloration, graying	<ul style="list-style-type: none"> • Not enough detergent. • Wash water temperature too low. • Incorrect sorting. 	<ul style="list-style-type: none"> • Rewash with correct amount of detergent and hottest water safe for fabric. • Add bleach safe for fabric. 	<ul style="list-style-type: none"> • Sort items by soil level and color. • Use correct amount of detergent, hottest water and bleach safe for fabric.
Greasy, oily stains	<ul style="list-style-type: none"> • Not enough detergent. • Undiluted liquid fabric softener poured directly on fabric. 	<ul style="list-style-type: none"> • Treat with prewash stain remover or liquid detergent. • Increase detergent and water temperature. Rewash. • Rub fabric softener stains with bar soap. 	<ul style="list-style-type: none"> • Use correct amount of detergent and hottest water safe for fabric. • Do not pour liquid fabric softener directly on fabric. See Operating Your, step 5.
Holes, tears, or snags	<ul style="list-style-type: none"> • Incorrect use of chlorine bleach. • Unfastened zippers, hooks, buckles. • Rips, tears and broken threads. • Overloading the washer. • Degradation of fabric. 	<ul style="list-style-type: none"> • May be irreversible if rips, tears and seams cannot be mended. 	<ul style="list-style-type: none"> • Never pour chlorine bleach directly on fabric. • Check condition of items before washing. See Operating Your, steps 2 and 5.
Lint	<ul style="list-style-type: none"> • Incorrect sorting. • Tissues left in pocket. • Overloading the washer. • Not enough detergent. • Undissolved detergent has left a residue resembling lint. • Static cling is attracting lint. • Load washed too long. 	<ul style="list-style-type: none"> • Reduce load size. Rewash using correct water temperature, water level, and amount of detergent. • Add nonprecipitating water conditioner to wash water to remove detergent residue. • Add liquid fabric softener to final rinse. • Dry load in dryer. • Remove lint with lint brush or roller. 	<ul style="list-style-type: none"> • See Washing Procedures, steps 1 and 2. • Do not overload washer. • Use correct temperature and amount of detergent, water and wash time.
Pilling (Fibers ball up and cling to fabric.)	<ul style="list-style-type: none"> • Pilling is normal with synthetic and permanent press fabrics. This is due to abrasion from normal wear. 	<ul style="list-style-type: none"> • Use a lint brush or shaver to remove pills. 	<ul style="list-style-type: none"> • Use fabric softener in the washer to lubricate fibers. • When ironing, use spray starch or fabric finish on collars and cuffs. • Turn items inside out to reduce abrasion.
Residue or powder on dark items; Stiff, harsh fabrics.	<ul style="list-style-type: none"> • Undissolved detergent. • Some granular detergents can combine with hard water minerals to form a residue. • Overloading the washer. 	<ul style="list-style-type: none"> • Rewash load. 	<ul style="list-style-type: none"> • Increase water temperature using hottest water safe for fabric. • Do not overload washer. • Use liquid detergent or use nonprecipitating water conditioner with powder detergent.
Wrinkling	<ul style="list-style-type: none"> • Overloading the washer. • Incorrect wash cycle for wash load. 	<ul style="list-style-type: none"> • Reduce load size. • Rinse in cold water with liquid fabric softener using the casual or delicate cycle. 	<ul style="list-style-type: none"> • Do not overload washer. • Remove items from washer as soon as cycle is completed. • Use liquid fabric softener.
Yellow buildup of body soil on synthetic fabrics	<ul style="list-style-type: none"> • Agitation time too short. • Wash water temperature too low. • Not enough detergent. 	<ul style="list-style-type: none"> • Soak in detergent booster or product containing enzymes. • Wash in hottest water safe for fabric using casual cycle. • Increase detergent. • Add bleach safe for fabric or treat with color remover. 	<ul style="list-style-type: none"> • Select correct wash cycle. • Use correct amount of detergent. • Wash synthetics frequently using hot or warm water.
Yellow or brown rust stains	<ul style="list-style-type: none"> • Iron or manganese in water supply, water pipes, or water heater. 	<ul style="list-style-type: none"> • To restore discolored load of whites, use rust remover safe for fabric. • Do not use chlorine bleach to remove rust stains. It may intensify discoloration. 	<ul style="list-style-type: none"> • Use nonprecipitating water softener. • Before washing, run hot water for a few minutes to clear lines. • Drain water heater occasionally. • For an ongoing problem, install an iron filter in your water supply system.

AVOID SERVICE CHECKLIST

Before calling for service, review this list. It may save both time and expense. The list includes common occurrences that are not the result of defective workmanship or materials in this washer.

OCCURRENCE	POSSIBLE CAUSE	SOLUTION
NOISE		
Rattling and clanking noise.	Foreign objects such as coins or safety pins may be in tub or pump.	Stop washer and check drum. If noise continues after washer is restarted, objects may be in pump. Call your authorized servicer.
	Belt buckles and metal fasteners are hitting wash tub.	To prevent unnecessary noise and damage to tub, fasten fasteners and turn items inside out.
Thumping sound.	Heavy wash loads may produce a thumping sound. This is usually normal. If sound continues, washer is probably out of balance.	Stop washer and redistribute wash load.
Vibrating noise.	Washer is not resting firmly on floor.	Move washer so it rests firmly on floor. Adjust leveling legs. See INSTALLATION INSTRUCTIONS for details.
	Foam shipping support has not been removed during installation.	See INSTALLATION INSTRUCTIONS for removing foam shipping support.
	Wash load unevenly distributed in tub.	Stop washer and rearrange wash load.
OPERATING		
Washer does not start.	Washer lid is open.	Close washer lid. The washer will not operate when the lid is open.
	Electrical power cord may not be plugged in or connection may be loose.	Make sure plug fits tightly in wall outlet.
	House fuse blown, circuit breaker tripped, or a power outage has occurred.	Reset circuit breaker or replace fuse. Do not increase fuse capacity. If problem is a circuit overload, have it corrected by a qualified electrician. If problem is a power outage, call local electric company.
	Water supply faucets are not turned on.	Turn on water supply faucets.
Washer won't spin.	Lid is not completely closed.	Close washer lid. The washer will not operate when the lid is open.
Residue left in drum.	Heavily soiled items.	Wipe tub with a nonabrasive household cleanser; then rinse. Shake or brush excess dirt and sand from items before washing
WATER		
Wash load too wet after spin.	Washer is overloaded.	Do not overload washer. See Washing Procedures.
	Load is out of balance.	Rearrange load to allow proper spinning.
	Drain hose is kinked.	Straighten drain hose.
Water does not enter washer or it enters slowly.	Washer lid is open.	Close washer lid. The washer will not operate when the lid is open.
	Water supply is not adequate in area.	Check another faucet in the house. Wait until water supply and pressure increase.
	Water supply faucets are not completely open.	Fully open hot and cold faucets.
	Water is being used elsewhere in the house.	Water pressure must be at least 10 psi (69 kPa). Avoid running water elsewhere while washer is filling.
Warm or hot water is not hot enough.	Water inlet hoses are kinked.	Straighten hoses.
	Hot water heater is set too low or is a distance from washer.	Measure hot water temperature at nearby faucet with candy or meat thermometer. Water temperature should be at least 120°F (50°C). Adjust water heater as necessary.
Hot water is being used elsewhere in the house.		Avoid using hot water elsewhere before or during washer use. There may not be enough hot water available for proper cleaning. If problem persists, your hot water system may be unable to support more than 1 use at a time.
Water in washer does not drain or drains slowly.	Drain hose is kinked or clogged.	Clean and straighten the drain hose.
Water leaks.	Loose fill hose connection at faucet or washer.	Check and tighten hose connections. Ensure rubber sealing washers are installed.
	House drain pipes are clogged.	Unclog drain pipes. Contact plumber if necessary.
Incorrect wash and rinse temperatures.	Hot and cold water hoses are connected to wrong supply faucets.	Connect hot water hose to hot water faucet and cold water hose to cold water faucet.
Water is entering washer but tub does not fill.	Drain hose standpipe is incorrect height.	Standpipe must be a minimum of 36" (90 cm) high to prevent siphoning. See INSTALLATION INSTRUCTIONS.
Water is present in tub after wash cycle is complete.	Lid lock malfunction.	Do not bypass lid lock. Call your authorized servicer.
The drain and spin cycles did not occur.	Lid lock malfunction.	Do not bypass lid lock. Call your authorized servicer.

AVOID SERVICE CHECKLIST

Error Codes

Error code	Possible Cause	Solutions
○○○●	Water is not supplied.	<ul style="list-style-type: none"> • Make sure the water taps are open. • Make sure the water hoses are not clogged. • Make sure the water taps are not frozen. • Make sure the washing machine is operating with sufficient water pressure. • Make sure that the cold water tap and the hot water tap are properly connected. • Clean the mesh filter as it may be clogged.
	The Water Level sensor is not working properly.	<ul style="list-style-type: none"> • Check WaterLevel Sensor wire harness. • If the information code remains, Call service center.
○○●○	Water is not draining.	<ul style="list-style-type: none"> • Make sure the drain hose is not frozen or clogged. • Make sure the drain hose is positioned correctly, depending on the connection type. Clean the debris filter as it may be clogged. • Make sure the drain hose is straightened all the way to the drain system. • If the information code remains, Call service center.
○○●○	The lid is open.	<ul style="list-style-type: none"> • Close the lid. See installation instructions to "Level your washer". • The door lock or PCB may have failed, try steps again. • If the information code remains, Call service center.
○●○○	Spinning does not work.	<ul style="list-style-type: none"> • Make sure laundry is spread out evenly. • Make sure the washing machine is on a flat, stable surface. • Redistribute the load. If only one item of clothing needs washing, such as a bathrobe or pair of jeans, the final spin result might be unsatisfactory.
●●○○	The unit is out of balance in spin operation.	<ul style="list-style-type: none"> • Adjust the washer level refer to installation instructions. • If situation continues, call service center.
○●○○	Load sensing failed.	<ul style="list-style-type: none"> • Call service center.
●●○○	Water Leveling sensing failed.	<ul style="list-style-type: none"> • Call service center.

AVOID SERVICE CHECKLIST

Error code	Possible Cause	Solutions
	Lid is not locked properly.	<ul style="list-style-type: none"> • 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. • If the lid is closed and this error message is still displayed, call service center.
	The lid has opened for over 20 seconds with the control lock function activated.	<ul style="list-style-type: none"> • Press the Power button to turn off your washer. • Turn off the children lock function. see Setting the control lock on page 20.
	The PCB is failed.	<ul style="list-style-type: none"> • Call service center.

Notice:

1. LED Display:

1) When error happens, Process LED indicates error code.

2) ○ - off, ◎ - flash, ● - on

2. When error happens, the buzzer will beep 5 seconds and repeat once per 15 minutes. After 24 hours, the machine will power off automatically.

3. When another error happens, please try again first, call up service line if there are still troubles.

MAJOR APPLIANCE WARRANTY INFORMATION

Your appliance is covered by a one year limited warranty. For one year from date of delivery, Electrolux will pay all costs for repairing or replacing any parts of this appliance that prove to be defective in materials or workmanship when such appliance is installed, used and maintained in accordance with the provided instructions, The date of delivery establishes the warranty period, should service be required.

Exclusions

This warranty does not cover the following:

1. Products with original serial numbers that have been removed, altered or cannot be readily determined.
2. Product that has been transferred from its original owner to another party or removed outside the USA or Canada.
3. Rust on the interior or exterior of the unit.
4. Products purchased "as-is" are not covered by this warranty.
5. Food loss due to any refrigerator or freezer failures.
6. Products used in a commercial setting.
7. Service calls which do not involve malfunction or defects in materials or workmanship, or for appliances not in ordinary household use or used other than in accordance with the provided instructions.
8. Service calls to correct the installation of your appliance or to instruct you how to use your appliance.
9. Expenses for making the appliance accessible for servicing, such as removal of trim, cupboards, shelves, etc., which are not a part of the appliance when it is shipped from the factory.
10. Service calls to repair or replace appliance light bulbs, air filters, water filters, other consumables, or knobs, handles, or other cosmetic parts.
11. Surcharges including, but not limited to, any after hour, weekend, or holiday service calls, tolls, ferry trip charges, or mileage expense for service calls to remote areas, including the state of Alaska.
12. Damages to the finish of appliance or home incurred during installation, including but not limited to floors, cabinets, walls, etc.
13. Damages caused by: services performed by unauthorized service companies; use of parts other than genuine Electrolux parts or parts obtained from persons other than authorized service companies; or external causes such as abuse, misuse, inadequate power supply, accidents, fires, or acts of God.

DISCLAIMER OF IMPLIED WARRANTIES; LIMITATION OF REMEDIES

CUSTOMER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR OR REPLACEMENT AS PROVIDED HEREIN. CLAIMS BASED ON IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR OR THE SHORTEST PERIOD ALLOWED BY LAW, BUT NOT LESS THAN ONE YEAR. ELECTROLUX SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES SUCH AS PROPERTY DAMAGE AND INCIDENTAL EXPENSES RESULTING FROM ANY BREACH OF THIS WRITTEN LIMITED WARRANTY OR ANY IMPLIED WARRANTY. SOME STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATIONS ON THE DURATION OF IMPLIED WARRANTIES, SO THESE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WRITTEN WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

IF YOU NEED SERVICE

Keep your receipt, delivery slip, or some other appropriate payment record to establish the warranty period should service be required. If service is performed, it is in your best interest to obtain and keep all receipts. Service under this warranty must be obtained by contacting Electrolux at the addresses or phone numbers below.

This warranty only applies in the USA and Canada. In the USA, your appliance is warranted by Electrolux Major Appliances North America, a division of Electrolux Home Products, Inc. In Canada, your appliance is warranted by Electrolux Canada Corp. Electrolux authorizes no person to change or add to any obligations under this warranty. Obligations for service and parts under this warranty must be performed by Electrolux or an authorized service company. Product features or specifications as described or illustrated are subject to change without notice.

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