



HE^{3t}

Front-Loading Automatic Washer

Use and Care Guide

Lavadora automática de carga frontal

Manual de Uso y Guidado

Laveuse automatique à chargement frontal

Guide d'utilisation et d'entretien

Models/Modelos/Modèles **110.4996***, 4997*

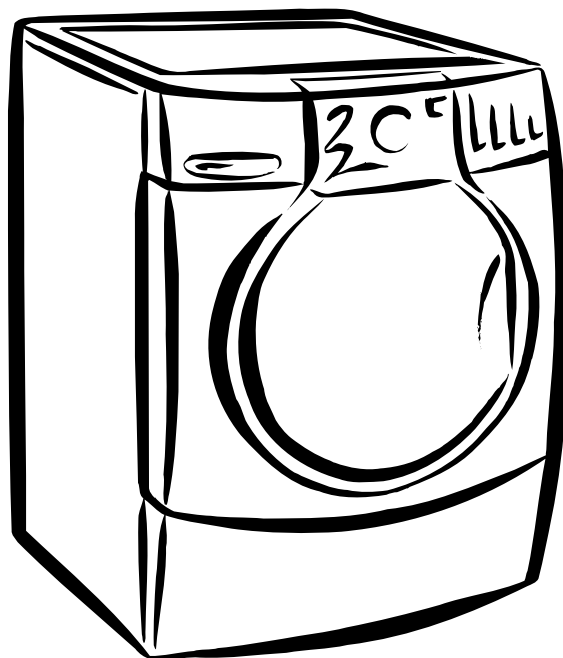
* = color number, número de color, numéro de couleur



Designed to use only HE High Efficiency detergent

Diseñado para utilizar solamente detergente de alta eficacia

Conçu pour l'utilisation d'un détergent haute efficacité seulement



ENGLISH ESPAÑOL FRANÇAIS

461970235731
✓8183013

Sears Roebuck and Co., Hoffman Estates, IL 60179, U.S.A.
Sears Canada Inc., Toronto, Ontario, Canada M5B 2B8

www.sears.com
www.sears.ca

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PROTECTION AGREEMENTS

In the U.S.A.

Master Protection Agreements

Congratulations on making a smart purchase. Your new Kenmore® product is designed and manufactured for years of dependable operation. But like all products, it may require preventive maintenance or repair from time to time. That's when having a Master Protection Agreement can save you money and aggravation.

Purchase a Master Protection Agreement now and protect yourself from unexpected hassle and expense.

The Master Protection Agreement also helps extend the life of your new product. Here's what's included in the Agreement:

- ✓ **Expert service** by our 12,000 professional repair specialists
- ✓ **Unlimited service and no charge** for parts and labor on all covered repairs
- ✓ **"No-lemon" guarantee** – replacement of your covered product if four or more product failures occur within twelve months
- ✓ **Product replacement** if your covered product can't be fixed
- ✓ **Annual Preventive Maintenance Check** at your request – no extra charge
- ✓ **Fast help by phone** – phone support from a Sears technician on products requiring in-home repair, plus convenient repair scheduling
- ✓ **Power surge protection** against electrical damage due to power fluctuations
- ✓ **Rental reimbursement** if repair of your covered product takes longer than promised

Once you purchase the Agreement, a simple phone call is all that it takes for you to schedule service. You can call anytime day or night, or schedule a service appointment online.

Sears has over 12,000 professional repair specialists, who have access to over 4.5 million quality parts and accessories. That's the kind of professionalism you can count on to help prolong the life of your new purchase for years to come. Purchase your Master Protection Agreement today!

Some limitations and exclusions apply. For prices and additional information, call 1-800-827-6655.

Sears Installation Service

For Sears professional installation of home appliances, garage door openers, water heaters, and other major home items, in the U.S.A. call **1-800-4-MY-HOME®**.

In Canada

Maintenance Agreements

Your purchase has added value because you can depend on Sears HomeCentral® for service. With over 2,400 Service Technicians and more than a million parts and accessories, we have the tools, parts, knowledge and skills to back our pledge: We Service What We Sell.

Your Kenmore® product is designed, manufactured and tested to provide years of dependable operation. But like all products, it may require service from time to time. The Sears Maintenance Agreement offers you an outstanding service program, affordably priced.

The Sears Maintenance Agreement

- Is your way to buy tomorrow's service at today's price
- Eliminates repair bills resulting from normal wear and tear
- Provides phone support from a Sears technician on products requiring in-home repair
- Even if you don't need repairs, provides an annual Preventive Maintenance Check, at your request, to ensure that your product is in proper running condition.

Some limitations apply. For more information about Sears Canada Maintenance Agreements, call 1-800-361-6665.

KENMORE ELITE® APPLIANCE WARRANTY

ONE YEAR LIMITED WARRANTY

When installed, operated and maintained according to all instructions supplied with the product, if this appliance fails due to a defect in material or workmanship within one year from the date of purchase, call 1-800-4-MY-HOME® to arrange for free repair.

LIMITED LIFETIME WARRANTY ON STAINLESS STEEL DRUM

For the lifetime of the washer from the date of purchase, when this washer is installed, operated and maintained according to all instructions supplied with the product, Sears will replace the stainless steel wash drum due to defective materials or workmanship. After the first year, customer assumes any labor costs associated with replacement of this part.

TEN YEAR LIMITED WARRANTY ON PLASTIC TUB

For ten years from the date of purchase, when this washer is installed, operated and maintained according to all instructions supplied with the product, Sears will replace the plastic tub due to defective materials or workmanship. After the first year, customer assumes any labor costs associated with replacement of this part.

FIVE YEAR LIMITED WARRANTY ON DRIVE SYSTEM PARTS

For five years from the date of purchase, when this washer is installed, operated and maintained according to all instructions supplied with the product, Sears will replace the following drive system parts if defective in materials or workmanship: drive pulley and drive belt. After the first year, customer assumes any labor costs associated with replacement of these parts.

TWO YEAR LIMITED WARRANTY ON SENSOR SMART™ ELECTRONIC BOARD

For two years from the date of purchase, when this washer is installed, operated and maintained according to all instructions supplied with the product, Sears will replace the electronic control board if defective in materials or workmanship. After the first year, customer assumes any labor costs associated with replacement of these parts.

If this appliance is used for other than private family purposes, this warranty applies for only 90 days from the date of purchase.

THIS WARRANTY COVERS ONLY DEFECTS IN MATERIAL AND WORKMANSHIP. SEARS WILL NOT PAY FOR:

1. Expendable items that can wear out from normal use, including but not limited to filters, belts, light bulbs, and bags.
2. A service technician to instruct the user in correct product installation, operation or maintenance.
3. A service technician to clean or maintain this product.
4. Damage to or failure of this product if it is not installed, operated or maintained according to all instructions supplied with the product.
5. Damage to or failure of this product resulting from accident, abuse, misuse or use for other than its intended purpose.
6. Damage to or failure of this product caused by the use of detergents, cleaners, chemicals or utensils other than those recommended in all instructions supplied with the product.
7. Damage to or failure of parts or systems resulting from unauthorized modifications made to this product.

DISCLAIMER OF IMPLIED WARRANTIES; LIMITATION OF REMEDIES

Customer's sole and exclusive remedy under this limited warranty shall be product repair as provided herein. Implied warranties, including warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law. Sears shall not be liable for incidental or consequential damages. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, or limitations on the duration of implied warranties of merchantability or fitness, so these exclusions or limitations may not apply to you.

This warranty applies only while this appliance is used in the United States and Canada.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears, Roebuck and Co.
Dept. 817WA, Hoffman Estates, IL 60179

Sears Canada Inc.
Toronto, Ontario, Canada M5B 2B8

PRODUCT RECORD

In the space below, record your complete model number, serial number, and purchase date. You can find this information on the model and serial number label located on the product.

Have this information available to help you obtain assistance or service more quickly whenever you contact Sears concerning your appliance.

Model number _____

Serial number _____

Purchase date _____

Save these instructions and your sales receipt for future reference.

WASHER SAFETY

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 obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING."

These words mean:

⚠ DANGER

You can be killed or seriously injured if you don't immediately follow instructions.

⚠ WARNING

You can be killed or seriously injured if you don't follow instructions.

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

IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, or injury to persons when using the washer, follow basic precautions, including the following:

- Read all instructions before using the washer.
- Do not wash articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, 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.
- 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 washing machine, 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 allow children to play on or in the washer. Close supervision of children is necessary when the washer is used near children.
- Before the washer is removed from service or discarded, remove the door or lid.
- Do not reach into the washer if the drum, tub or agitator is moving.
- Do not install or store the washer where it will be exposed to the weather.
- Do not tamper with controls.
- Do not repair or replace any part of the washer or attempt any servicing unless specifically recommended in this manual or in published user-repair instructions that you understand and have the skills to carry out.
- See "Electrical Requirements" for grounding instructions.

SAVE THESE INSTRUCTIONS

INSTALLATION REQUIREMENTS

Tools and Parts

Gather the required tools and parts before starting installation. The parts supplied are in the washer drum.

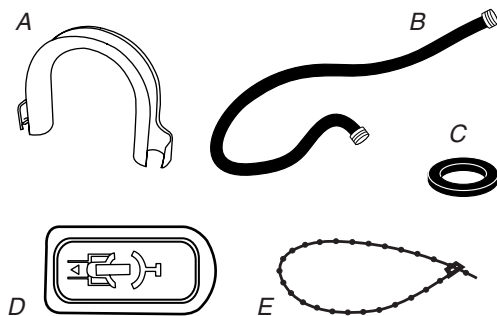
Tools needed for connecting the water inlet hoses

- Pliers (that open to 1 $\frac{1}{16}$ " [39.5 mm])
- Flashlight (optional)

Tools needed for installation

- Open end wrenches 17 mm and 13 mm
- Level
- Wood block
- Ruler or measuring tape

Parts supplied



- A. Drain hose form
B. Inlet hose (2)
C. Inlet hose washer (4)
D. Transport bolt hole plug (4)
E. Beaded strap

Alternate Parts

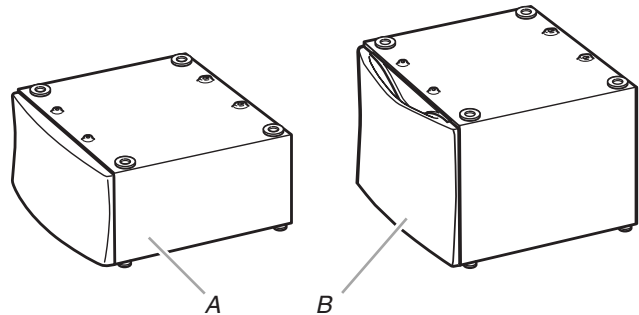
Parts listed are available from your local Sears store or Sears Service Center. For further information, please call **1-800-4-MY-HOME® (1-800-469-4663)**.

If You Have	You Will Need to Buy
Laundry tub or standpipe taller than 96" (2.4 m)	Sump pump system (if not already available)
Overhead sewer	Standard 20 gal. (76 L), 30" (76.2 cm) tall drain tub or utility sink and sump pump (available from local plumbing suppliers)
Floor drain	Siphon break, Part Number 285834; additional drain hose, Part Number 8318155; and connector kit, Part Number 285835
Drain hose too short	4 ft (1.2 m) drain hose extension kit, Part Number 285863
Water faucets beyond reach of fill hoses	2 longer water fill hoses: 6 ft (1.8 m) Part Number 76314, 10 ft (3.0 m) Part Number 350008

Options

Pedestal

You have the option of purchasing pedestals of different heights separately for this washer. You may select a 10" (25.4 cm) or a 15.5" (39.4 cm) pedestal. Remember that the pedestal will add to the total height of the washer.



- A. 10" (25.4 cm) pedestal
B. 15.5" (39.4 cm) pedestal

This pedestal (with storage drawer) is available in several colors. To order, call your local Sears store. For further information, please call **1-800-4-MY-HOME® (1-800-469-4663)**.

Pedestal Height	Approximate Height with Washer	Color	Part Number
10" (25.4 cm)	48" (122 cm)	White	46822
15.5" (39.4 cm)	53" (135 cm)	White	57822

Stack Kit

Are you planning to stack your Kenmore washer and dryer? To do so, find the stack kit (8541503) in the drum of the matching Kenmore dryer. Follow instructions included with the kit. See "Location Requirements."

Location Requirements

Selecting the proper location for your washer improves performance and minimizes noise and possible washer “walk.”

Your washer can be installed under a custom counter, or in a basement, laundry room, closet, or recessed area. See “Drain System.”

Companion appliance location requirements should also be considered. Proper installation is your responsibility.

You will need

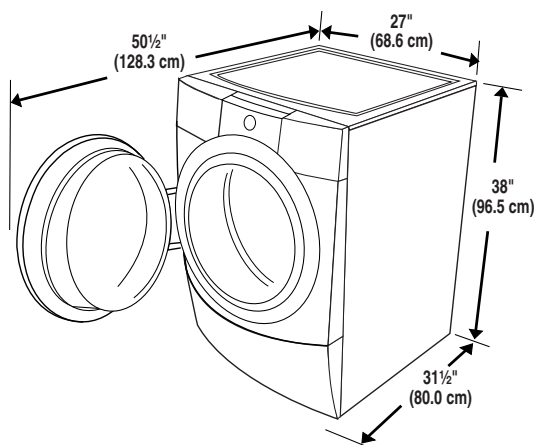
- A water heater set to deliver 120°F (49°C) water to the washer.
- A grounded electrical outlet located within 6 ft (1.8 m) of where the power cord is attached to the back of the washer. See “Electrical Requirements.”
- Hot and cold water faucets located within 4 ft (1.2 m) of the hot and cold water fill valves, and water pressure of 20-100 psi (137.9-689.6 kPa).
- A level floor with a maximum slope of 1" (2.5 cm) under entire washer. Installing the washer on soft floor surfaces, such as carpets or surfaces with foam backing, is not recommended.
- A sturdy and solid floor to support the washer with a total weight (water and load) of 400 lbs (180 kg).

Do not operate your washer in temperatures below 32°F (0°C). Some water can remain in the washer and can cause damage in low temperatures.

Installation clearances

- The location must be large enough to allow the washer door to be fully opened.
- Additional spacing should be considered for ease of installation and servicing.
- Additional clearances might be required for wall, door, and floor moldings.
- Additional spacing of 1" (2.5 cm) on all sides of the washer is recommended to reduce noise transfer.
- Companion appliance spacing should also be considered.

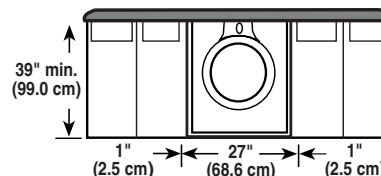
Washer Dimensions



Recommended installation spacing for custom undercounter installation

The dimensions shown are for the recommended spacing.

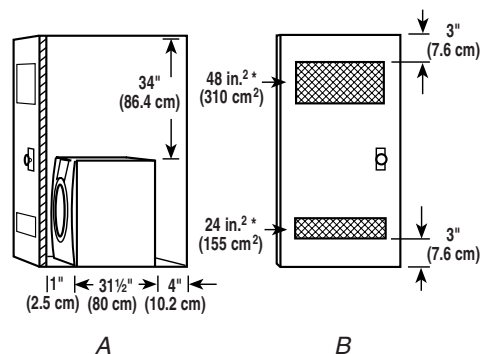
Custom undercounter installation - Washer only



Recommended installation spacing for recessed or closet installation, with or without a pedestal

The dimensions shown are for the recommended spacing.

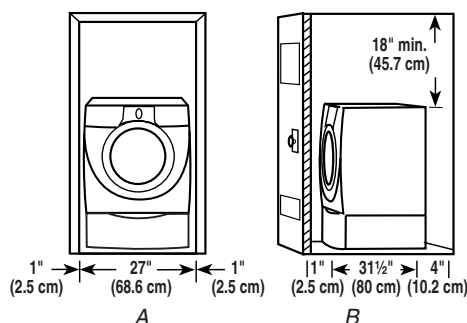
Recessed area or closet installation



A. Side view - closet or confined area
B. Closet door with vents

*Min. top and bottom air openings for closet door.

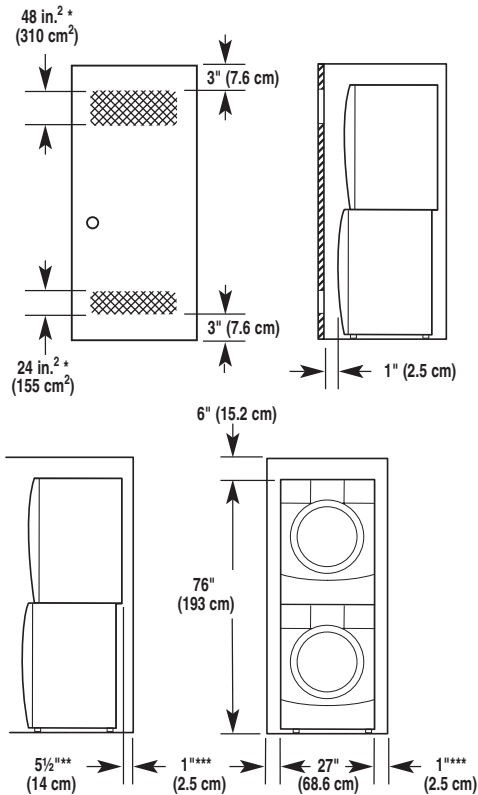
Recessed or closet installation - Washer on pedestal



A. Recessed area
B. Side view - closet or confined area

Recommended installation spacing for recessed or closet installation, with stacked washer and dryer

The dimensions shown are for the recommended spacing.



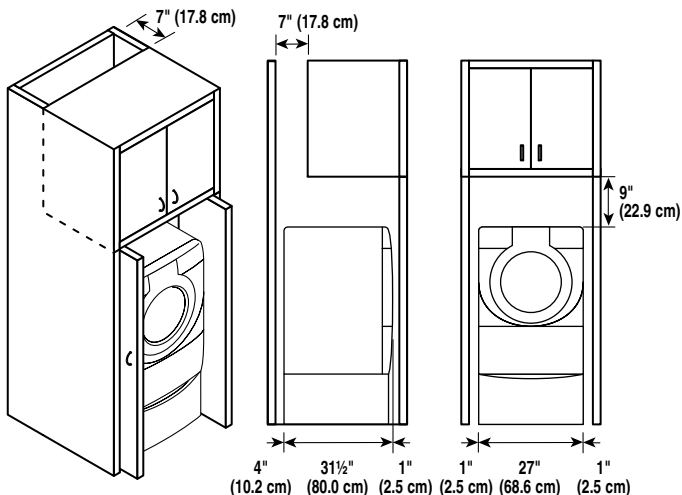
*Min. top and bottom air openings for closet door.

**External exhaust elbow requires additional space.

***Wall, door and floor molding may require additional spacing.

Recommended installation spacing for cabinet installation

- The dimensions shown are for the recommended spacing.
- For cabinet installation, with a door, the minimum ventilation openings in the top are required.



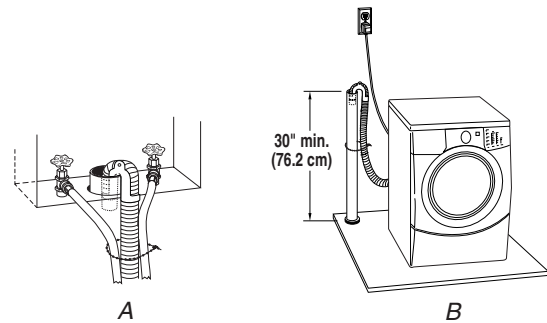
Drain System

The washer can be installed using the standpipe drain system (floor or wall), the laundry tub drain system, or the floor drain system. Select the drain hose installation method you need. See "Tools and Parts."

Standpipe drain system - wall or floor (views A & B)

The standpipe drain requires a minimum diameter standpipe of 2" (5 cm). The minimum carry-away capacity can be no less than 17 gal. (64 L) per minute.

The top of the standpipe must be at least 30" (76.2 cm) high and no higher than 96" (2.4 m) from the bottom of the washer.



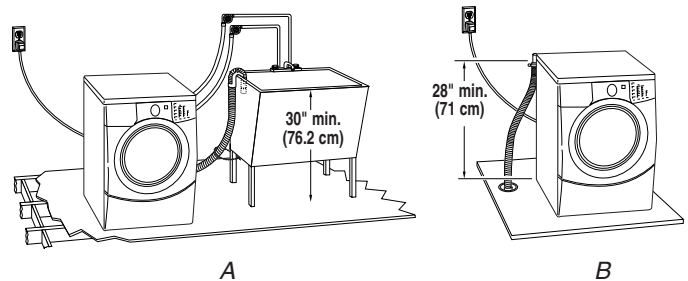
Laundry tub drain system (view A)

The laundry tub needs a minimum 20 gal. (76 L) capacity. The top of the laundry tub must be at least 30" (76.2 cm) above the floor.

Floor drain system (view B)

The floor drain system requires a siphon break that may be purchased separately. See "Tools and Parts."

The siphon break must be a minimum of 28" (71 cm) from the bottom of the washer. Additional hoses might be needed.



Electrical Requirements

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

- A 120 volt, 60 Hz., AC only, 15- or 20-amp, fused electrical supply is required. A time-delay fuse or circuit breaker is recommended. It is recommended that a separate circuit serving only this appliance be provided.
- This washer is equipped with a power supply cord having a 3 prong grounding plug.
- To minimize possible shock hazard, the cord must be plugged into a mating, 3 prong, grounding-type outlet, grounded in accordance with local codes and ordinances. If a mating outlet is not available, it is the personal responsibility and obligation of the customer to have the properly grounded outlet installed by a qualified electrician.
- If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

- Do not ground to a gas pipe.
- Check with a qualified electrician if you are not sure the washer is properly grounded.
- Do not have a fuse in the neutral or ground circuit.

GROUNDING INSTRUCTIONS

For a grounded, cord-connected washer:

This washer must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electrical shock by providing a path of least resistance for electric current. This washer 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 properly installed and grounded in accordance with all local codes and ordinances.

WARNING: Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to 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.

For a permanently connected washer:

This washer must be connected to a grounded metal, permanent wiring system, or an equipment grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the appliance.

INSTALLATION INSTRUCTIONS

Remove Transport System

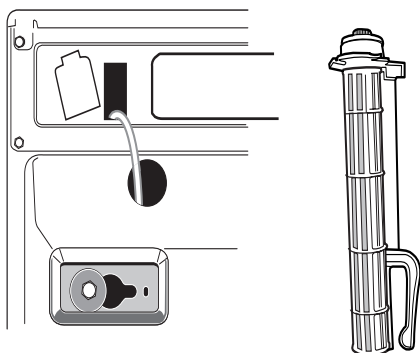
⚠ WARNING

Excessive Weight Hazard

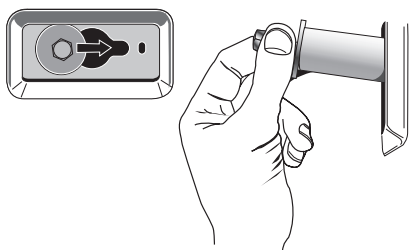
Use two or more people to move and install washer.
Failure to do so can result in back or other injury.

IMPORTANT: Position the washer so that the rear of the washer is within approximately 3 ft (90 cm) of its final location.

There are 4 bolts in the rear panel of the washer that support the suspension system during transportation. These bolts also retain the power cord inside the washer until the bolts are removed.



1. Using a 13 mm wrench, loosen each of the bolts.
2. Once the bolt is loose, move it to the center of the hole and completely pull out the bolt, including the plastic spacer covering the bolt.



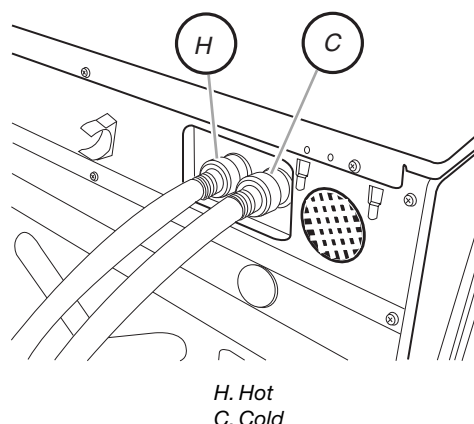
3. Once all 4 bolts are removed, discard the bolts and spacers. Then pull the power cord through the opening of the rear panel and close the hole with the attached cap.
4. Close the bolt holes with the 4 transport bolt hole plugs.

NOTE: If the washer is to be transported at a later date, call your local service center. To avoid suspension and structural damage to your washer, it must be properly set up for relocation by a certified technician.

Connect the Inlet Hoses

Make sure the washer drum is empty.

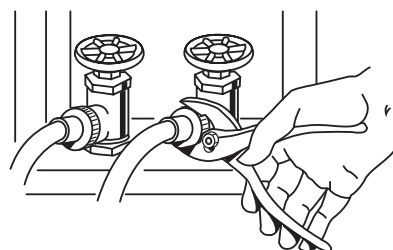
1. Attach the hose with the red color indicator to the Hot (left) inlet valve. Attaching the red coupling first makes it easier to tighten connection with pliers. Screw on coupling by hand until it is seated on the washer.
2. Attach the hose with the blue color indicator to the Cold (right) water inlet valve. Screw on coupling by hand until it is seated on the washer.



3. Using pliers, check the tightness of the hose couplings already attached to the washer.

NOTE: Do not overtighten. Damage to the coupling can result.

4. Attach the hose with the red color indicator to the hot water faucet. Screw on coupling by hand until it is seated on the washer.
5. Attach the hose with the blue color indicator to the cold water faucet. Screw on coupling by hand until it is seated on the washer.
6. Using pliers, tighten the couplings with an additional two-thirds turn.



NOTE: Do not overtighten. Damage to the coupling can result.

7. Turn on the water faucets and check for leaks.

NOTE: Replace inlet hoses after 5 years of use to reduce the risk of hose failure. Record hose installation or replacement dates on the hoses for future reference.

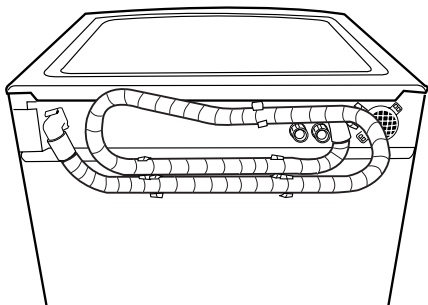
Periodically inspect and replace hoses if bulges, kinks, cuts, wear, or leaks are found.

Route the Drain Hose

Proper routing of the drain hose protects your floors from damage due to water leakage. Read and follow these instructions.

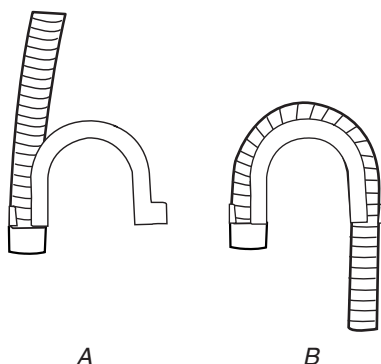
Remove drain hose from washer cabinet

Gently pull the corrugated drain hose from the shipping clips.



Laundry tub drain or standpipe drain

Connect the drain hose form to the corrugated drain hose.



A. Snap either end of the drain hose form to the drain hose at the point where the corrugation begins.

B. Bend drain hose over drain hose form and snap into place.

To keep drain water from going back into the washer:

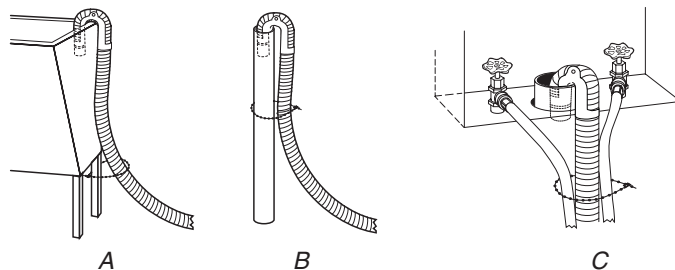
- Do not straighten the drain hose, and do not force excess drain hose into standpipe. Hose should be secure, but loose enough to provide a gap for air.
- Do not lay excess hose on the bottom of the laundry tub.

Floor drain

You may need additional parts. See Floor drain under “Tools and Parts.”

Secure the Drain Hose

1. Drape the power cord over the washer top.
2. Secure the drain hose to the laundry tub leg or standpipe with the beaded strap provided. (See illustrations A and B.)



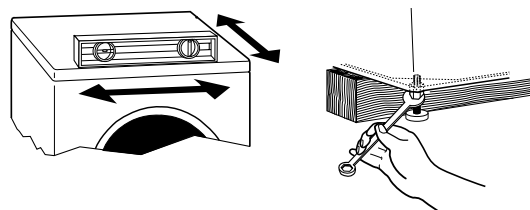
If the washer faucets and the drain standpipe are recessed (see illustration C), put the hooked end of the drain hose in the standpipe. Tightly wrap the beaded strap around the water inlet hoses and the drain hose.

Do not force excess drain hose into the standpipe.

Level the Washer

Properly leveling your washer avoids excessive noise and vibration.

1. Check the levelness of the washer by placing a level on the top edge of the washer, first side to side, then front to back.



If the washer is against a wall, move the washer out slightly before tipping back. If the washer is not level, first prop the front with a wood block and adjust the feet as necessary; then prop the back and adjust feet as necessary. Repeat this step until washer is level.

2. Make sure that all four feet are stable and resting on the floor. Then check that the appliance is perfectly level (use a level).
3. After the washer is level, use a 17 mm open-end wrench to turn the nuts on the feet tightly against the washer cabinet.

IMPORTANT: All four feet must be tightened. If the nuts are not tight against the washer cabinet, the washer may vibrate.

When you are pushing on the edges of the washing machine top plate, the machine should not move front to back, side to side, or diagonally.

4. Slide the washer to its final location.
5. Confirm the levelness of the washer.

Complete Installation

1. Check the electrical requirements. Be sure that you have the correct electrical supply and the recommended grounding method. See “Electrical Requirements.”
2. Be sure all parts are now installed. If there is an extra part, go back through the steps to see which step was skipped.
3. Be sure you have all of your tools.
4. Dispose of/recycle all packaging materials.
5. Be sure the water faucets are on.
6. Check for leaks around faucets and inlet hoses.

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

7. Plug into a grounded 3 prong outlet.
8. Read “Washer Use.”
9. To test and to clean your washer, measure $\frac{1}{2}$ the manufacturer's recommended amount of powdered or liquid High Efficiency (HE) detergent for a medium size load. Pour the detergent into the detergent dispenser. Select NORMAL/CASUAL, and then select START. Allow the washer to complete one whole cycle.



Use only HE High Efficiency detergent.

FEATURES AND BENEFITS

SENSOR SMART™ Electronic Controls

Flexible electronic controls are easy to use whether you are a beginner or an expert.

Detergent Advantage System Dispenser

The three compartments in the dispenser allow loading of all laundry products before the washer is started. The products will be dispensed into the wash at the optimal time for high-performance cleaning. TIMED BLEACH™ release is included in the detergent advantage system. The detergent is added at the beginning of the cycle, and the bleach is added after the enzymes have had a chance to do their cleaning. The fabric softener is dispensed in the rinse cycle. The Detergent Advantage System Dispenser tray can easily be removed for cleaning.

Auto Water Level

Adjusting to the size of the load, this feature allows the washer to use the minimal amount of water needed to clean and rinse the clothes. With a low water level, you can obtain the same results with smaller amounts of laundry products. Because only the required amount of water is used, the washer saves energy, too.

Larger Load Size

Since there is no agitator, you can wash larger, bulkier items such as an average size sleeping bag, pillow or a large stuffed teddy bear. You are also able to wash more clothes at one time, which means fewer loads.

Suspension System

To reduce washer “walk” and “off-balance” conditions, your new washer combines:

- 2 Springs to isolate vibration
- 4 Shock absorbers at the washer base to minimize movement

Stainless Steel Drum

The stainless steel drum eliminates corrosion and enables higher spin speeds for more water extraction, helping to reduce drying time.

High-Efficiency Wash System

Your new front-loading, high-efficiency washer saves time with fewer, larger loads. It also conserves resources and lowers your water and energy bills.

Spin Speeds

This washer automatically selects a spin speed based on the cycle selected. This factory setting can be changed, however, with up to six different spin speed choices.

Thermal Optimizer

The heating system ensures that the wash water is heated to the preset temperature for the Heavy Duty, Whitest Whites, and Sanitary cycles. It also provides “Stepped Cleaning” when using the sanitary cycle. “Stepped Cleaning” starts the wash cycle with warm water to remove stains (such as blood or grass). The water continues to be heated in order to remove stains such as dirty mechanical oil.

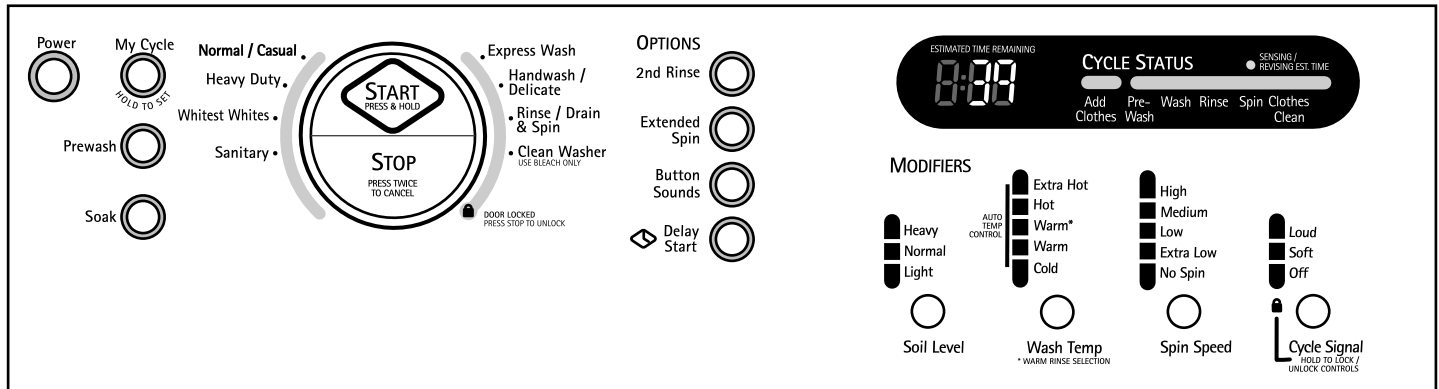
Add Clothes

This option is available in all wash cycles except Rinse/Spin, Drain/Spin and Clean Washer. When this option is available at the beginning of the cycle, the Add Clothes status light will illuminate for the first 8 minutes. This washer allows a 8-minute period in which other garments may be added to a load.

Dynamic Balance

A precision balancing system that allows the washer to reach spin speeds of up to 1,300 rpm. The washer spins faster so that clothes coming out of the washer will dry faster. In addition, if the Dynamic Balance system detects off-balance loads during spinning, it redistributes the clothes so that they are evenly balanced.

WASHER USE



Starting Your Washer

⚠ WARNING



Fire Hazard

Never place items in the washer that are dampened with gasoline or other flammable fluids.

No washer can completely remove oil.

Do not dry anything that has ever had any type of oil on it (including cooking oils).

Doing so can result in death, explosion, or fire.

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

The following is a guide to using your washer. Please refer to specific sections of this manual for more detailed information.

Do not store laundry products on the top surface of this washer. Vibration is normal during operation.

Using the Proper Detergent

Use only High Efficiency detergents. The package for this type of detergent will be marked "HE" or "High Efficiency." This wash system, along with less water, will create too much sudsing with a regular non-HE detergent. Using regular detergent will likely result in washer errors, longer cycle times and, reduced rinsing performance. It may also result in component failures and noticeable mold or mildew. HE detergents are made to produce the right amount of suds for the best performance. Follow the manufacturer's instructions to determine the amount of detergent to use.



Use only "HE" High Efficiency detergent.

First Wash Cycle Without Laundry

Before washing clothes for the first time, if not completed during the final installation step, choose the Normal/Casual cycle and run it without clothes. Use only HE High Efficiency detergent. Use ½ the manufacturer's recommended amount for a medium-sized load. This initial cycle serves to ensure the interior is clean before washing clothes.

For All Wash Cycles

1. Open the washer door by pulling on the handle. Sort laundry according to color and type of fabric. Place a load of sorted clothes in the washer. Do not overload washer. Overloading can cause poor cleaning.
 - The washer can be fully loaded, but not tightly packed. Washer door should close easily.
 - Mix large and small items. Avoid washing a single item. Load evenly.
 - Wash small items such as infant socks in mesh garment bags. It is recommended that more than one garment bag be used and that each garment bag be filled with equal amounts of material.
 - **When unloading garments, check under the gray colored seal at the front of the tub for small items.**
2. Close the washer door by pushing it firmly until the lock clicks. The washer door will remain locked during the wash cycle.

NOTES:

- After any wash cycle is completed, the door must be opened and then closed before a new cycle can begin.
 - The door can be opened only if STOP is selected while the ADD CLOTHES light is glowing or if the cycle has been canceled.
 - See "To cancel a cycle" in "Changing Cycles, Options and Modifiers" section.
3. Open the dispenser drawer and add laundry products to the detergent, bleach, or fabric softener compartments. Close drawer slowly to avoid spills. See "Using the Dispenser."
 4. Turn on the washer by selecting POWER. Select one of the cycles by turning the cycle selector. The indicator light for the selected cycle will glow green. When you are selecting a wash cycle, the preset modifiers (Soil Level, Wash Temp and Spin Speed) for the cycle, will glow green. Selectable options will glow amber. If an option or modifier is unavailable with the selected cycle, the light will not illuminate. The preset settings provide the recommended fabric care for the selected cycle. The display shows the estimated time remaining. See "Cycles."

5. Select the desired OPTIONS. Not all Options are available with all cycles. See "Options."
6. Select the desired MODIFIERS. Not all Modifiers are available with all Cycles and Options. See "Modifiers."
7. If desired, select the CYCLE SIGNAL. The signal is helpful when you are washing items that should be removed from the washer as soon as it stops. Select LOUD, SOFT or OFF.
8. **To begin the wash cycle immediately**
Select and hold START (for approximately 1 second).
 - If you do not select START within 5 minutes of choosing a cycle, the washer automatically shuts off.
 - When the wash cycle is complete, the CLOTHES CLEAN status light glows, the door unlocks, and the wash load can be removed from the washer. The washer powers down automatically 60 minutes after the cycle is complete and the CLOTHES CLEAN light goes off.

9. **To begin the wash cycle later**
Select DELAY until the desired delay time (in hours) shows in the Estimated Time Remaining display. Select START. The countdown to the wash cycle will show in the display window.
IMPORTANT: When delaying a cycle, use only powdered detergents in the main wash compartment since liquid detergents may seep out of the compartment during Delay, before the wash cycle begins.

Using the Dispenser

Your new washer has a dispenser drawer with three separate compartments for your laundry products—one is for detergent, one is for liquid chlorine bleach, and one is for liquid fabric softener. Laundry products are diluted and dispensed automatically at the proper time during the wash cycle, making it unnecessary for you to return to the washer during the cycle to add them.

It is normal for small amounts of water to remain in the dispensers when the wash cycle is complete.

Do not put laundry products directly into the wash tub. Always use the proper dispensers when adding laundry products.

Choosing the Right Detergent

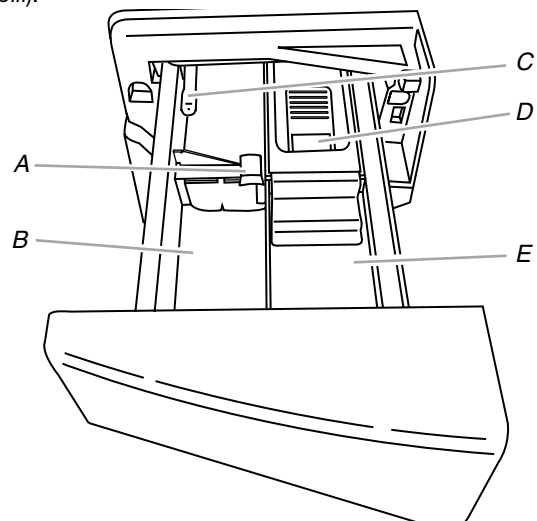
Use only High Efficiency detergents. The package for this type of detergent will be marked "HE" or "High Efficiency." This wash system, along with less water, will create too much sudsing with a regular non-HE detergent. Using regular detergent will likely result in washer errors, longer cycle times and, reduced rinsing performance. It may also result in component failures and noticeable mold or mildew. HE detergents are made to produce the right amount of suds for the best performance. Follow the manufacturer's instructions to determine the amount of detergent to use.



Use only "HE" High Efficiency detergent.

To fill dispenser compartments

1. Pull out the dispenser drawer.
2. Add the desired laundry product to the proper compartment.
3. Push in the dispenser drawer slowly and completely (to avoid a spill).



Dispenser

- A. Detergent type selector
- B. Main Wash detergent compartment
- C. Dispenser release lever
- D. Chlorine bleach compartment
- E. Fabric softener compartment

Main Wash detergent compartment

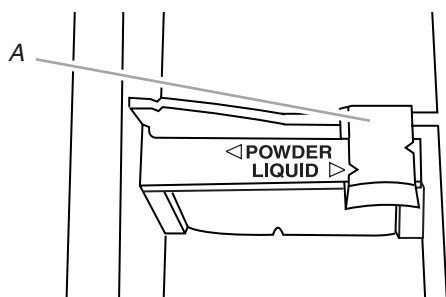
(Letter B in Dispenser Illustration)

Add liquid or powdered HE detergent to this compartment for **your main wash cycle**. The detergent type selector (A) must always be in the correct position for the detergent type used.

IMPORTANT: If you are using the Prewash, Auto Soak or Delay option, powdered detergent must be used in the main wash compartment since liquid detergents may seep out of the main wash compartment, before the main wash begins.

- Do not fill beyond the "MAX" level. Use detergent manufacturer's recommended amount for load size.
- Liquid or powdered color-safe bleach may be added to the Main Wash compartment along with the same type of detergent, liquid or powdered.

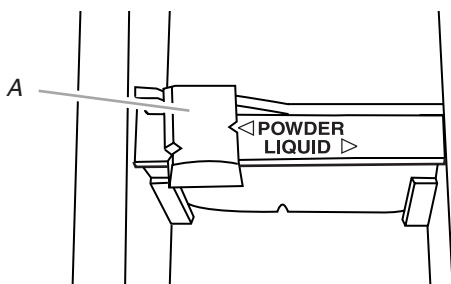
■ Liquid detergent:



Selector in position for liquid detergent

A. Detergent type selector

■ Powdered detergent:



Selector in position for powdered detergent

A. Detergent type selector

Chlorine bleach compartment

(Letter D in Dispenser Illustration)

Add no more than $\frac{3}{4}$ cup (160 mL) liquid chlorine bleach to this compartment. The bleach will be automatically diluted and dispensed at the best time during the first rinse after the wash cycle. This compartment cannot dilute powdered bleach.

- Always measure liquid chlorine bleach. Use a measuring cup with a pour spout; do not guess. Follow the manufacturer's directions for proper use.
- Do not fill beyond the "MAX" level.

NOTE: Overfilling could cause garment damage.

Fabric softener compartment

(Letter E in Dispenser Illustration)

Pour measured liquid fabric softener into the fabric softener dispenser, if desired.

- Do not overfill. The dispenser holds $\frac{1}{4}$ cup (60 mL) of fabric softener.
- The fabric softener is dispensed in the rinse cycle. If 2nd Rinse is selected, the fabric softener will be dispensed during the 2nd Rinse.
- Do not use fabric softener dispensing balls in this washer. Dispensing balls will not operate correctly with this washer.
- Do not spill or drip any fabric softener onto the clothes.
- At the end of the cycle, a small amount of water may be left in the dispenser. This is normal.
- **NOTE:** Use only liquid fabric softener in this dispenser.

Pausing or Restarting

1. To pause the washer at any time, select STOP.
2. To continue the cycle, select and hold START (for approximately 1 second).

Changing Cycles, Options and Modifiers

Not all Options and Modifiers are available with all Cycles. Available modifier selections will glow amber. Selectable options will glow amber. If an option or modifier is unavailable with the selected cycle, the light will not illuminate. Once an option or modifier is selected it will glow green. Preset or chosen options or modifiers will glow green.

Cycles, Options and Modifiers can be changed anytime before START is selected.

Options and Modifiers can be changed anytime after START is selected and before the start of the selected Option or Modifier.

To cancel a cycle and select a new cycle

1. Select STOP twice.
2. Select desired cycle.
3. Select the desired OPTIONS and MODIFIERS.
4. Select and hold START (for approximately 1 second) to restart the washer at the beginning of the new cycle.

To cancel a cycle

1. Select STOP twice.
2. The washer powers down, the door unlocks, and clothes can be removed.

NOTE: If the water level or the temperature is too high, the washer will drain automatically before the door unlocks.

To change Options or Modifiers after the cycle has started

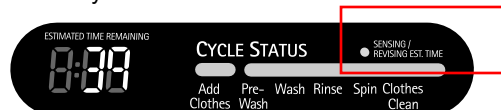
1. Select STOP once.
2. Select the desired OPTIONS or MODIFIERS.
3. Select and hold START (for approximately 1 second) to continue the cycle.

To drain the washer manually

1. Select STOP twice to cancel the wash cycle.
2. Select RINSE/DRAIN & SPIN.
3. Press the 2ND RINSE button to remove any rinse options.
4. Select and hold START (for approximately 1 second) to begin the drain.
5. When the spin is complete, the door unlocks. Items can be removed from the washer.

Status Lights

These lights show which portion of the cycle the washer is operating. They also indicate when you can add an additional item to the wash cycle and when the controls are locked.



Revised portion of status light to be the same as the HE5t.

Adding clothes

This washer allows an 8-minute period in which other garments may be added to the load. You can add items to the washer if the ADD CLOTHES status light is glowing.

To add items when Add Clothes light is glowing

1. Select STOP once. The washer door unlocks, and items can be added.
2. To continue the cycle, close the door and select and hold START (for approximately 1 second).

To add items when Add clothes light is not glowing

1. Select STOP twice. This will cancel the wash cycle and options. The washer door unlocks, and items can be added.
2. Close the door and select the new cycle and options. Select and hold START (for approximately 1 second).

NOTES:

- When selecting a new cycle do not add additional detergent.
- Adding an item after the "Add Clothes" light is off may not allow for proper cleaning of that item.

Clothes Clean

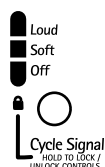
When the wash cycle is complete, the CLOTHES CLEAN status light glows, the door unlocks, and the wash load can be removed from the washer. The washer powers down automatically 60 minutes after the cycle is complete and the CLOTHES CLEAN light goes off.

Locking controls

The Control Lock prevents unintended use of the washer. You can also use the control lock feature to prevent unintended cycle or option changes during a cycle. When CONTROL LOCKED is lit, all buttons are disabled except for STOP and START. You can lock the controls while the washer is operating.

To lock the controls

Select and hold CYCLE SIGNAL for 3 seconds.



The status light next to the CYCLE SIGNAL button will glow.

To unlock the controls

Select and hold CYCLE SIGNAL for 3 seconds until the status light turns off.

Door Locked

When the status light glows, the door is locked.

Estimated Time Remaining

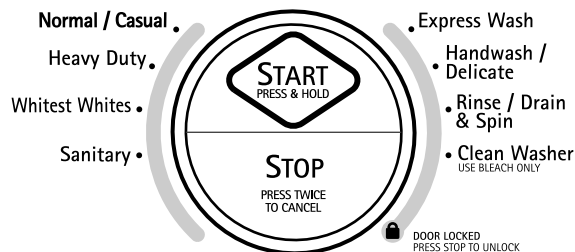
The cycle times vary automatically based on your water pressure, water temperature, detergent, and clothes load. The cycle time will be extended if oversudsing occurs or the load is unbalanced.

The SUD routine removes extra suds and assures proper rinsing of your garments. See "Troubleshooting." During the unbalance routine the time displayed may pause until this activity is complete, then resume with the remainder of the cycle.

Cycles

Wash Cycles

Choose Wash Cycles by turning the selector knob. The cycle indicator light will glow when selected. Each cycle is designed for different types of fabric and soil levels. The modifier indicator lights, on the right-hand side of the panel, will change as cycles are selected.



- Each cycle has a preset Soil Level (estimated cycle time), Water Temperature and Spin Speed and may have preset Options. The preset settings provide the recommended fabric care for the selected cycle.
- The preset settings will glow green to show the preselected options and modifiers, and can be changed anytime before START is selected. Not all Options and Modifiers are available with all cycles. Available modifier selections will glow amber. (To change settings after the cycle has started, select STOP once, then select the desired settings. Select and hold START [for approximately 1 second] to continue the cycle.)

Preset cycle settings

Each cycle has a preset Cycle Time, Water Temp, and Spin Speed. The preset settings provide the recommended fabric care for the selected cycle. See chart.

Cycle	Soil Level (hr:min)	Water Temp (Wash/Rinse)	Spin Speed
Normal/Casual	Normal (0:45)	Warm/Cold	High
Heavy Duty	Heavy (1:50)	Hot/Cold	High
Whitest Whites	Heavy (1:10)*	Hot/Cold	High
Sanitary	Heavy (2:00)	Extra Hot/Cold	High
Clean Washer	N/A	N/A	N/A
Rinse/Drain & Spin	N/A (0:20)	Cold/Cold	High
Drain & Spin	N/A (0:12)	N/A	High
Handwash/Delicate	Normal (0:30)	Cold/Cold	Low
Express Wash (2-3 items)	Light (0:30)	Warm/Cold	High

*Time may be different from that of your model.

To change the preset cycle settings

Press the selector of each available setting until the desired setting glows green.

Normal/Casual

Use this cycle to wash loads of no-iron fabrics such as sport shirts, blouses, casual business clothes, permanent press blends, cottons and linens, and synthetic fabrics. This cycle combines medium-speed tumbling, high-speed spin, and a load cooling process to reduce wrinkling.

NOTE: For the best energy performance, use the Normal/Casual Cycle.

Heavy Duty

Use this cycle to wash loads of sturdy, colorfast fabrics and heavily soiled garments. This cycle combines fast-speed tumbling, longer wash time, and extra high speed spin to shorten drying times. If the water temperature is lower than needed for this cycle, the heater will warm the water to the optimum temperature.

Whitest Whites

This cycle is especially designed for cleaning loads of soiled white fabrics with the addition of bleach. Hot washing temperatures assure optimal bleach activity. An additional rinse provides optimal rinse performance to avoid chlorine residues on your laundry. This cycle combines fast-speed tumbling, longer wash time, and extra high speed spin to shorten drying time.

Sanitary

Use this cycle to clean heavily soiled colorfast fabrics. This cycle combines a very hot water temperature and fast-speed tumbling to help ensure the removal of heavy soils and stains. It is recommended that you set your hot water heater to 120°F (49°C) to ensure proper performance during this cycle. Extra high speed spin helps shorten drying time.

Clean Washer

Use the Clean Washer cycle once a month to keep the inside of your washer fresh and clean. This cycle uses a higher water level in combination with liquid chlorine bleach to thoroughly clean the inside of your washing machine. See “Cleaning Your Washer.”

IMPORTANT: Do not place garments or other items in the washer during the Clean Washer cycle. Use this cycle with an empty wash drum.

Rinse/Drain & Spin

This is a combined cycle. See below for detailed instructions on each option.

Use this cycle to rinse, drain, and spin your wash load. This cycle combines fast-speed tumbling and high-speed spin. If desired, you can reduce the spin speed by selecting the speed you want from the SPIN SPEED modifier.

Rinse/Drain & Spin is useful for

- Loads that need rinsing only.
- Adding fabric softener to a load using the fabric softener dispenser.

Drain & Spin

Use this cycle to drain your washer or to drain and spin your wash load. The spin speed is preset to high. If desired, you can reduce the spin speed by selecting the speed you want from the SPIN SPEED modifier.

NOTE: Loads of synthetics, delicate fabrics, handwashables, and woolens should be drained with no spin or low spin to avoid fabric stress.

To use Drain & Spin setting

- Select RINSE/DRAIN & SPIN cycle.
- Press the 2ND RINSE button to deselect the rinse option.
- Press START.

Handwash/Delicate

Use this cycle to clean washable silk and ultra delicate garments. (Check label instructions to make sure that garment is washable.) This cycle gently tumbles and drains without spinning to gently clean garments and minimize wrinkling. Garments will contain a higher amount of water at the end of this cycle, because there is no spinning action.

- Use mesh garment bags to wash undergarments such as underwire bras, items with strings, and small items such as infant socks.
- Powdered detergents may not dissolve well in a slow-speed cycle. For best results, use liquid detergent for slow-speed cycles.

Express Wash

Use this cycle to wash small loads of 2-3 lightly soiled garments that are needed in a hurry. This cycle combines fast-speed tumbling, a shortened wash time, and extra high speed spin to shorten drying time. Large wash loads will result in the machine increasing the wash time.

Soak

Use the Soak cycle to remove small spots or stains on fabrics. This cycle provides up to a 30-minute soak time with warm or cold water followed by drain. Extra water, a short tumbling phase for equal distribution of the laundry, and a soaking time without drum movement improve the removal of stains. Drain without spin assures gentle treatment, even for delicate articles.

Using the Soak Cycle: The Soak cycle provides a soak time with warm or cold water followed by drain.

1. Add detergent only to the Main Wash compartment of the dispenser drawer.
2. Press the SOAK button.
3. Choose the desired soak temperature.

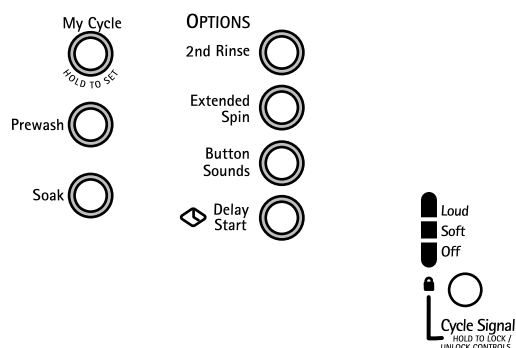
Select and hold START (approximately 1 second).

Normal Washer Sounds

As with any new product, you will hear sounds that you are not accustomed to. You may hear various sounds when the door is locked or unlocked, and during the washing, rinsing, or spinning process. Between changes in wash actions, there will be momentary pauses. You will hear water spraying and splashing during the wash and rinse cycles. These new sounds and pauses are part of normal washer operation. (See “Troubleshooting.”)

Options

You can customize your wash by adding options to your cycle selections. You can add or change an option after starting a cycle anytime before the selected option begins. Not all Options are available with all cycles. Current selections will glow green. If an option is unavailable with a selected cycle, the light will not illuminate.



- See the “Laundry Guide” section for an overview of possible options for each Wash Cycle selection.
- You can select more than one option for a cycle. Some options cannot be added to some cycles, for example, Stain Treat cannot be added to the Express Wash cycle.
- If an option is unavailable with a selected cycle, there will be 3 short tones, and the light for that option will not glow when selected.

My Cycle

My Cycle allows you to store a customized wash cycle for future use.

To Customize a Wash Cycle:

1. Select a cycle.
2. Select the desired OPTIONS.
3. Select the desired MODIFIERS.
4. To save the cycle press and hold MY CYCLE (approximately 3 seconds) until a beep sounds and the letters “SET” are displayed on your machine.
5. Press START.
6. To reuse this cycle at another time, select MY CYCLE and press START.

Prewash

Use this option for loads of heavily soiled items that need pretreatment. This option adds 20-minutes prewash without drain to the main wash cycle.

Add detergent to the Main Wash compartment of the Dispenser Drawer.

NOTE: The Prewash option cannot be selected with the Soak, Express, Handwash/Delicate Rinse/Spin cycles.

Normal Rinse

Consists of a two phase rinsing process that is effective for everyday laundry.

2nd Rinse

A second rinse can be used to aid in the removal of detergent or bleach residue from garments. This option provides an additional rinse with the same water temperature as the Normal rinse. This is the default rinse setting for the Whitest Whites cycle.

Extended Spin

Use this option to add an additional spin to any cycle to improve drying times for some heavy fabrics or special-care items by reducing excess water, which may save energy.

Button Sounds

Button sounds are used to notify you of what has been selected or to let you know when something is not available. Button sounds may be turned on or off by selecting BUTTON SOUNDS.

Delay Start

To begin the wash cycle later, select DELAY START until the desired delay time (in hours) shows in the Estimated Time Remaining display, and then select START. The countdown to the wash cycle will show in the display window.

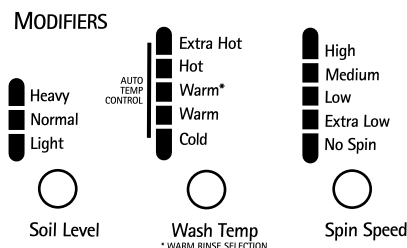
IMPORTANT: When delaying a cycle, use only powdered detergents in the main wash compartment since liquid detergents may seep out of the compartment during Delay, before the wash cycle begins.

Cycle Signal

This signal is helpful when you are removing items from the washer as soon as it stops. Select Loud, Soft or Off.

Modifiers

Preset cycle settings of Water Temperature, Spin Speed, and Rinse Options can be changed. You can change a modifier after starting a cycle anytime before the selected Modifier begins. Not all Modifiers are available with all options and cycles. Available modifier settings will glow amber. Current selections will glow green. If an option is unavailable with a selected cycle, the light will not illuminate.



- To change cycle time, select SOIL LEVEL button.
- To change the water temperature, select the WASH TEMP button until the desired setting glows green.
- To change the spin speed, select the SPIN SPEED button until the desired setting glows green.

Wash Temp

Select a water temperature based on the type of load you are washing. Use the warmest wash water safe for fabrics. Follow garment label instructions.

Warm rinses leave the loads dryer than cold rinses. Warm rinses increase wrinkling. In cold climates, a warm rinse makes the load more comfortable to handle. Cold rinses save energy.

- Extra Hot is available only with the Sanitary cycle
- In wash water temperatures colder than 60°F (15.6°C), detergents do not dissolve well. Soils may be difficult to remove.

Auto Temp Control

ATC (Auto Temp Control) electronically senses and maintains a uniform water temperature. ATC regulates incoming hot and cold water. The ATC is automatically turned on when a cycle is selected. (See "Preset Cycle Settings" in "Cycles.")

- ATC works for the wash temperature with Extra Hot, Hot, Warm, and Cool settings.
- The Cold wash temperature depends on the cold water at your faucet.
- ATC works for the rinse temperature where the wash temp setting is marked with an asterisk, such as Warm*. All other rinse temperatures are cold.

Laundry Guide

Refer to this chart for suggested load types and their corresponding cycles. Listed to the right are the options available to each of these washer cycles.

CYCLE	SUGGESTED LOAD TYPE	AVAILABLE OPTIONS				
		Prewash	2nd Rinse	Extended Spin	Delay Start	Cycle Signal
Normal/Casual	Normally soiled blouses, shirts, overalls, etc., made of polyester, nylon, cotton, linen, or cotton blends	✓	✓	✓	✓	✓
Heavy Duty	Heavily soiled underwear, towels, shirts, etc., made of cotton	✓	✓	✓	✓	✓
Whitest Whites	Soiled white fabrics	✓	✓	✓	✓	✓
Sanitary	Heavily soiled underwear, towels, work clothes, diapers, etc.	✓	✓	✓	✓	✓
Clean Washer	No clothes					✓
Rinse/Drain & Spin	All loads			✓	✓	✓
Handwash/Delicate	Silk or Ultra Delicate fabrics identified as machine washable.		✓		✓	✓
Express Wash	Small loads of 2-3 lightly soiled cotton, polyester, nylon, and cotton blends.		✓	✓	✓	✓
Soak	All loads		✓		✓	✓

LAUNDRY TIPS

Preparing clothes for washing

Follow these recommendations to help you prolong the life of your garments.

- Use only High Efficiency detergents. The package for this type of detergent will be marked "HE" or "High Efficiency." This wash system, along with less water, will create too much sudsing with a regular non-HE detergent. Using regular detergent will likely result in washer errors, longer cycle times and reduced rinsing performance. It may also result in component failures and noticeable mold or mildew. HE detergents are made to produce the right amount of suds for the best performance. Follow the manufacturer's instructions to determine the amount of detergent to use.



Use only HE High Efficiency detergent.

- Close zippers, snaps, and hooks to avoid snagging other items. Remove pins, buckles, and other hard objects to avoid scratching the washer interior. Remove non-washable trim and ornaments.
- Empty pockets and turn them inside-out.
- Turn down cuffs; brush away lint and dirt.
- Turn synthetic knits inside-out to avoid pilling.
- Tie strings and sashes so they will not tangle.
- Mend tears, loose hems, and seams.
- Treat spots and stains.
- Stained or wet garments should be washed promptly for best results.
- Mix large and small items, avoid washing single items, and load evenly.
- Wash small items, such as infant socks, in a mesh garment bag. To create a balanced load it is recommended that more than one garment bag be used, and that each garment bag be filled with equal amounts of material.

NOTE: If you are washing only small items, it is recommended that more than one mesh garment bag be used, and that each garment bag be filled with equal amounts of material.

Sorting

- Separate heavily soiled items from lightly soiled ones, even if they would normally be washed together. Separate lint-givers (towels, chenille) from lint-takers (corduroy, synthetics, permanent press). When possible, turn lint-givers inside-out.
- Separate dark colors from light colors, colorfast items from noncolorfast items.
- Sort by fabric and construction (sturdy cottons, knits, delicate items).

Unloading

- Remove clothes from washer after the cycle is completed. Metal objects such as zippers, snaps, and buckles may rust if left in the washer basket for a long time.
- When unloading garments, occasionally check under the gray colored seal at the front of the tub for small items.

Loading

Loading suggestions

Heavy Work Clothes

4 jeans	2 sweatpants
4 workpants	2 sweatshirts
4 workshirts	

Towels

10 bath towels	14 washcloths
10 hand towels	

Mixed Load

3 sheets (1 king, 2 twin)	9 T-shirts
4 pillowcases	9 shorts
3 shirts	10 handkerchiefs
3 blouses	

Delicates

3 camisoles	2 bras
4 slips	2 nighties
4 panties	

EXPRESS WASH cycle (2-3 garments)

2 dress shirts
1 pair dress pants

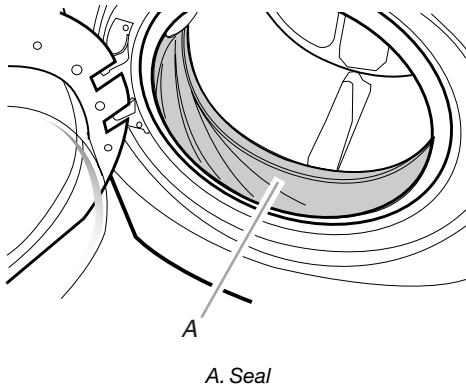
WASHER CARE

Cleaning Your Washer

The Washer Maintenance Procedure should be performed on a monthly basis.

Cleaning the door seal

1. Open the washer door and remove any clothing or items from the washer.
2. **Inspect the gray colored seal between the door opening and the basket for stained areas. Pull back the seal to inspect areas under the seal. Remove any foreign objects.**



3. If stained areas are found, wipe down these areas of the seals, using the procedure that follows.
 - a) Mix a dilute solution, using $\frac{3}{4}$ cup (177.4 mL) of liquid chlorine bleach, and 1 gal. (3.8 L) of warm tap water.
 - b) Wipe the seal area with the dilute solution, using a damp cloth.
 - c) Let stand 5 minutes.
 - d) Wipe down area thoroughly with a dry cloth and let the washer interior air dry with door open.

IMPORTANT:

- Wear rubber gloves when cleaning for prolonged periods.
- Refer to the bleach manufacturer's instructions for proper use.

Washer Maintenance Procedure

This washer has a special cycle that uses higher water volumes in combination with liquid chlorine bleach to thoroughly clean the inside of the washer.

NOTES:

- Read these instructions completely before beginning the cleaning process.
- If necessary, the cleaning cycle may be interrupted by pressing the STOP button. However, this will not immediately stop the cycle. The machine will display "int" (interrupt) and continue with several rinse and drain steps to ensure that all remaining bleach is rinsed from the washer.

Begin procedure

1. Open the washer door and remove any clothing or items from the washer.
2. Close the washer door.
3. Open the dispenser drawer and immediately add $\frac{2}{3}$ cup (160 mL) of liquid chlorine bleach to the bleach compartment.
NOTE: Do not add any detergent to this cycle. Use of more than $\frac{2}{3}$ cup (160 mL) of bleach will cause product damage over time.
4. Be sure the dispenser drawer is closed.
5. Select the CLEAN WASHER cycle.
6. Press START.
NOTE: The basket will rotate, then the door will unlock, lock again, and then the cycle will continue.
 - The machine will not fill, but the basket will rotate while the washer runs a short sensing cycle. This will take approximately 3 minutes.
7. The cycle will determine whether clothing or other items are in the washer.
 - a) If no items are detected in the washer, it will proceed to Step 8.
 - b) If any items are detected in the washer, all the Cycle lights will flash, "rL" or "F-34" will be displayed, and the WASH and CONTROLS LOCKED lights will remain lit. The door will unlock.
 - Press STOP to cancel the failure code. Then repeat steps 1, 2 and 6 to start the cycle again.
8. Once the cycle has begun, allow the cycle to complete.
9. After the cycle is complete, leave the door open slightly, to allow for better ventilation and drying of washer interior.

Always do the following to maintain washer freshness

- Use only HE High Efficiency detergent.
- Leave the door slightly open after each cycle to allow for better ventilation and drying of washer interior.
- Run this procedure on a monthly basis using $\frac{2}{3}$ cup (160 mL) of liquid chlorine bleach.
- If the procedure does not sufficiently improve the machine freshness, evaluate your installation and usage conditions for other causes.

Cleaning the exterior

Use a soft damp cloth or sponge to wipe up any spills. Occasionally wipe the outside of your washer to keep it looking new. Use mild soap and water. Do not use abrasive products.

Cleaning the dispenser drawer

The dispenser drawer is removable for easy cleaning.

1. Unlock the dispenser drawer by pressing the Release Lever. See "Using the Dispenser." Remove the drawer.
2. Remove the inserts (the siphon from the softener and bleach compartments and the selector).
3. Wash the parts under running water.
4. Replace the inserts and return the dispenser to the drawer.

Water Inlet Hoses

Replace inlet hoses after 5 years of use to reduce the risk of hose failure. Periodically inspect and replace inlet hoses if bulges, kinks, cuts, wear or leaks are found.

When replacing your inlet hoses, record the date of replacement.

Vacation, Storage, and Moving Care

Install and store your washer where it will not freeze. Because some water may stay in the hoses, freezing can damage your washer. If storing or moving your washer during freezing weather, winterize it.

Non-use or vacation care:

Operate your washer only when you are at home. If you will be on vacation or not using your washer for an extended period of time, you should:

- Unplug washer or disconnect power.
- Turn off the water supply to the washer. This helps avoid unintended flooding (due to a water pressure surge) while you are away.
- Slightly open door to provide ventilation.

To winterize washer:

1. Put 1 qt (1 L) of R.V.-type antifreeze in the drum.
2. Run washer on a Drain & Spin cycle.
3. Unplug washer or disconnect power.
4. Shut off both water faucets.
5. Disconnect water inlet hoses from faucets and drain.

To use washer again:

1. Flush water pipes. Reconnect water inlet hoses to faucets. Turn on both water faucets.

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

2. Plug in washer or reconnect power.
3. Run the washer through the Normal/Casual cycle with ½ the manufacturer's recommended amount of HE detergent for a medium-size load, to clean the washer and remove the antifreeze, if used.

To transport the washer:

1. If washer will be moved during freezing weather, put in 1 qt (1 L) of R.V.-type antifreeze in the drum. Run washer on a Drain & Spin cycle.
2. Unplug the power cord.
3. Disconnect the drain hose from the drain system and attach to rear panel clips.
4. Shut off both water faucets.
5. Disconnect the water inlet hoses from faucets, then drain the hoses and clip them to the rear panel of the washer.

IMPORTANT: Call for service. Do not reuse transport bolts. Washer must be transported in the upright position. To avoid suspension and structural damage to your washer, it must be properly set up for relocation by a certified technician.

Reinstalling the washer

1. Follow the "Installation Instructions" to locate, level and connect the washer.
2. Run the washer through the Normal/Casual cycle with ½ the manufacturer's recommended amount of HE detergent for a medium-size load, to clean the washer and remove the antifreeze, if used.

TROUBLESHOOTING

First try the solutions suggested here to possibly avoid the cost of a service call...

Washer displaying code message and tone sounds

■ “FH” (Water Inlet Problem—no water or insufficient water supply)

Select STOP twice to cancel the cycle. Unplug washer or disconnect power.

Check the following:

Are water faucets completely turned on?

Are screens at inlet hose connection to washer clogged?

Are water inlet hoses kinked?

Are water inlet hoses frozen?

Plug in washer or reconnect power. Re-select cycle and press START. If the problem remains, call for service.

■ “F02” (Drain Problem)

Select STOP twice to cancel the cycle. Unplug washer or disconnect power.

Check the following:

Is the drain hose kinked?

Is the drain hose frozen?

Is the drain hose clogged?

Is the drain hose more than 96" (2.4 m) above the floor?

Plug in washer or reconnect power. Re-select cycle and press START. If the problem remains, call for service.

■ “SUD” (Suds Routine)

When excessive suds are detected, a suds routine automatically starts. This routine removes extra suds and assures proper rinsing of your garments. “SUD” is displayed during rinsing and at the end of the cycle to inform you that Suds Routine was activated. Use only HE (High Efficiency) detergents.

■ “FdL” (Front door lock)

Select STOP twice to cancel the cycle.

Is the washer door firmly shut?

The door must be completely closed for the washer to operate. The door may look closed, but may not be latched. Open the door and close firmly.

Were you washing a large load?

Before you close the washer door, check for laundry items sticking out beyond the door opening. Leave enough space in the washer to allow the clothes to tumble freely. An overloaded basket may keep the door from shutting completely. Reduce your load size if needed.

Press POWER, re-select cycle and press START.

■ “F” Variables [other than FH and F02] (Electrical Problem)

Select STOP twice to cancel the cycle. Select DRAIN & SPIN if there is excessive water in the washer.

Re-select cycle and press START. If the problem remains, call for service.

Washer won't start

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

■ Check the following:

Is the power cord plugged into a grounded 3 prong outlet?

Is the washer door firmly shut?

Has a cycle been selected, but START has not been selected and held for 1 second?

Was the door open after completion of last cycle?

Washer won't fill, wash or rinse

■ Check the following:

Is the power cord plugged into a grounded 3 prong outlet?

Is there power at the plug? Check electrical source or call electrician.

Are the hot and cold water faucets turned on?

Is the water inlet hose kinked?

Are the water inlet valve screens clogged?

Turn off the water and remove inlet hoses from the washer. Remove any accumulated film or particles. Reinstall hoses, turn water on and check for leaks.

Washer stops

■ Check the following:

Is the power cord plugged into a grounded 3 prong outlet?

Is there power at the plug?

Check electrical source or call electrician.

Has a household fuse blown, or has a circuit breaker tripped? Replace the fuse or reset the circuit breaker. If the problem continues, call an electrician.

Are you using an extension cord?

Do not use an extension cord.

Washer won't drain or spin

- **Is the drain hose clogged, or the end of the drain hose more than 96" (2.4 m) above the floor?**
- **Is your voltage low?**
Check electrical source or call electrician. Do not use an extension cord.
- **Is the "SUD" routine active?**
Cycle will complete once extra suds are removed.
- **Is the load balanced?**
A single or bulky item may cause imbalance. Add more items or redistribute the load.

Washer makes noise or vibrates

- **Is the washer level?**
The washer must be level. The four feet should be properly installed, and the nuts should be tightened against the washer cabinet.

As water is drained from the washer, you may hear air being pulled through the pump. This happens during the end of draining. It is normal.
- **Are you washing items with metal snaps, buckles or zippers?**
You may hear metal items touching the washer drum. This is normal.
- **Is washer installed on a sturdy and solid floor?**
Refer to the "Installation Instructions" for flooring requirements. Noise and vibration may be reduced by placing a piece of ¾" (19.1 mm) plywood underneath your washer. The plywood may extend underneath both washer and dryer to keep them at equal heights.

Water near washer

Check household plumbing for leaks.

Dispensers clogged or leaking

- **Are the laundry products in the correct dispenser compartment?**
Add the correct amounts of detergent, fabric softener or liquid chlorine bleach to the correct compartments. Add powdered or liquid color-safe bleach to the Main Wash compartment. Be sure to match powdered color-safe bleach with powdered detergent or match liquid color-safe bleach with liquid detergent.
- **Is the detergent type separator in the correct position?**
Separator should be in the lowered position when using liquid detergent and in the upper position when using powdered detergent.

Washer odor

- **See "Cleaning Your Washer."**
- **Are you using HE detergent?**
Use of non-HE detergent can cause a film residue which can result in odor.
- **Did you leave the door open after use?**
This washer has a tight seal to avoid water leaks. To avoid odors leave the door open to allow the washer to dry between uses.

Load too wet

- **Did you use the right cycle for the load being washed?**
Select a cycle with a higher spin speed.
- **Did you wash a single item or bulky items or have you overloaded the washer?**
A single item, bulky items, or overloading may cause imbalance. Add items or try to evenly distribute your wet laundry in the drum, and start a Drain & Spin cycle. If the laundry is still wet, take half of the load out of the washer and try again.

Residue or lint on load

- **Did you add detergent to the dispenser?**
For best results, add detergent to the detergent compartment. Do not add detergent to the washer drum.
- **Did you sort properly?**
Sort lint givers (towels, chenille) from lint takers (corduroy, synthetics). Also sort by color.
- **Did you overload the washer?**
Do not overload the washer. The washer can be fully loaded, but not tightly packed. The wash load must be balanced. Lint can be trapped in the load if overloaded.
- **Check the following:**
Was paper or tissue left in pockets?
- **Did you use enough HE detergent?**
Use enough detergent to remove lint and hold it in suspension. Use only HE detergent. Follow the manufacturer's instructions to determine the amount of detergent to use.
- **Is your water colder than 60°F (15.6°C)?**
Wash water colder than 60°F (15.6°C) may not completely dissolve the detergent.
- **Are you using a low speed wash cycle?**
Powdered detergents may not dissolve well in a slow-speed cycle. For best results, use liquid detergent for slow-speed cycles such as Handwash/Delicate.

Stains on load

- **Did you add detergent to the dispenser?**
For best results, add detergent to the detergent compartment. Do not add detergent to the washer drum.
- **Did you use enough HE detergent?**
Use enough detergent to remove soil and hold it in suspension. Use only HE detergent. Follow the manufacturer's instructions to determine the amount of detergent to use.
- **Is there above average iron (rust) in water?**
You may need to install an iron filter.
- **Did you properly sort the load?**
Sort dark clothes from whites and lights.
- **Did you unload the washer promptly?**
To avoid dye transfer, unload the washer as soon as it stops.
- **Did you use a fabric softener dispensing ball?**
Dispensing balls will not operate correctly with this washer. Add liquid fabric softener to the fabric softener compartment.
- **Did you use powdered detergent in a low-speed cycle?**
Consider using liquid detergent.
- **Did you use Express Wash on a large load?**
For best results, use Express Wash for small, lightly soiled loads.

Load is wrinkled

- **Did you unload the washer promptly?**
Unload the washer as soon as it stops.
- **Did you use the right cycle for the load being washed?**
Use the Silk/Ultra Delicate cycle or another cycle with a low spin speed to reduce wrinkling.
- **Did you overload the washer?**
The wash load must be balanced and not overloaded. Loads should tumble freely during washing.

Gray whites, dingy colors

- **Did you properly sort the load?**
Dye transfer can occur when mixing whites and colors in a load. Sort dark clothes from whites and lights.
- **Was the wash temperature too low?**
Use hot or warm washes if safe for the fabric load. Make sure your hot water system is adequate to provide a hot water wash.
- **Did you use enough detergent, or do you have hard water?**
Use more detergent for washing heavy soils in cold or hard water.

Cycle too long

- **Did you choose the Sanitary cycle?**
In this cycle, the heater will be activated to provide maximum cleaning performance. Additional time will be added to the regular cycle to heat the water. This additional time will depend on the load size and the hot water inlet temperature.
- **Is "SUD" shown in the display?**
Excessive sudsing has been detected and a suds routine has been started to reduce excessive suds. This routine will add time to the original cycle.
- **Did the load cause imbalance?**
When too much imbalance occurs, an imbalance routine will start to redistribute the load. During the imbalance routine the time displayed may pause until this activity is complete, then resume with the remainder of the cycle.
- **Did you wash a large load on the Express Cycle?**
The Express Cycle is designed for smaller load sizes (2-3 items) of lightly soiled garments. If larger loads are washed in this cycle, wash time will be increased.
- **Did you wash a large load in a gentle or Delicate cycle?**
When using Express Wash, Handwash/Delicate cycles, you should use small loads. This ensures a gentle wash for your garments without increasing cycle times.

Door locked at end of wash cycle

- **Did all of the water drain out of the washer during the spin?**
Select DRAIN & SPIN to remove any water remaining in the washer. The washer door will unlock at the end of the drain.

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