



**SENSOR SMART™ Automatic Washers with
CATALYST® Cleaning Action**

Use and Care Guide

**Lavadoras automáticas SENSOR SMART™
con Sistema de Lavado CATALYST®**

Manual de Uso y Cuidado

**Laveuses automatiques SENSOR SMART™
avec Action de lavage CATALYST®**

Guide d'utilisation et d'entretien

ENGLISH

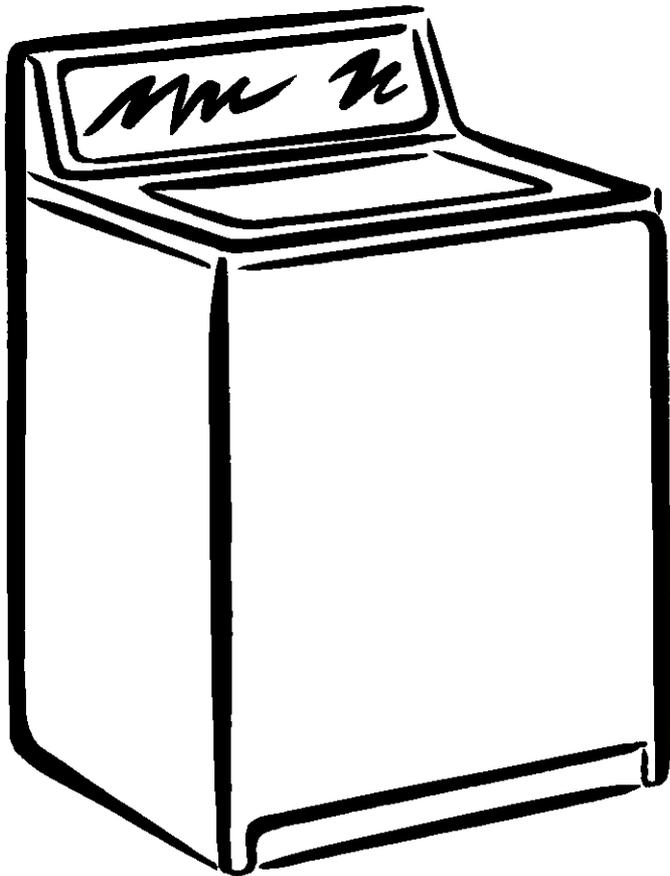


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PROTECTION AGREEMENTS

In the U.S.A.

Master Protection Agreements

Congratulations on making a smart purchase. Your new Kenmore® appliance 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 appliance. 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 more than three 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** – non-technical and instructional assistance on products repaired in your home, 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 information call **1-800-827-6655**.

Sears Installation Service

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

Maintenance Agreements

Your purchase has added value because you can depend on Sears HomeCentral® for service. With over 2,400 Service Technicians and access to over 900,000 parts and accessories, we have the tools, parts, knowledge and skills to back our pledge: We Service What We Sell.

Your Kenmore® appliance is designed, manufactured and tested to provide years of dependable operation. Yet any major appliance may require service from time to time. The Sears Maintenance Agreement offers you an outstanding service program, affordably priced.

The Sears Maintenance Agreement

- Guarantees tomorrow's service at today's price.
- Eliminates repair bills resulting from normal wear and tear.
- Covers non-technical and instructional service calls.
- Provides an annual Preventive Maintenance Check, at your request, to ensure that your appliance is in proper running condition.

Some limitations apply. For information concerning Sears Home Central® Maintenance Agreements, call 1-800-361-6665.

KENMORE ELITE® WASHER WARRANTY

Limited Lifetime Warranty on White Porcelain Basket

For the lifetime of the washer from the date of purchase, Sears will replace the white porcelain wash basket if it chips or rusts due to defective material or workmanship. After the first year, you will be charged for labor.

Limited 10-Year Warranty on Plastic Tub*

For the second through tenth year from the date of purchase, Sears will replace the plastic tub if it is defective in material or workmanship. After the first year, you will be charged for labor.

Limited 5-Year Warranty on Gearcase Parts*

For the second through fifth year from the date of purchase, Sears will replace any gearcase parts that are defective in material or workmanship. After the first year, you will be charged for labor.

Limited 2-Year Warranty on SENSOR SMART™ Control Board

For two years from the date of purchase, Sears will replace the SENSOR SMART™ control board if it is defective in material or workmanship. You will be charged for labor after the first year.

Full 1-Year Warranty on Mechanical and Electrical Parts

For one year from the date of purchase, when this washer is installed and operated according to the instructions that come with it, Sears will repair or replace any of its mechanical or electrical parts if they are defective in material or workmanship. Service must be provided by a Sears Service Department in the United States or Canada or an authorized agent.

Warranty Restriction

If this washer is operated for any purpose other than private family use, all warranty coverage is restricted to 90 days from the date of purchase.

Travel or transportation expenses for customers who reside in remote areas are not covered by this warranty.

Warranty Service

Warranty service is available by contacting the nearest Sears Service Center in the United States or Canada. This warranty applies only while the product is in use in the United States or Canada.

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

For Sears warranty information or to contact a Sears Service Center, please reference the service numbers located on the back page of this manual.

Sears, Roebuck and Co.
D/817WA, Hoffman Estates, IL 60179
Sears Canada Inc.
Toronto, Ontario, Canada M5B 2B8

* In Canada a different warranty may apply.

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, as shown.

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

Model number 110 _____

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

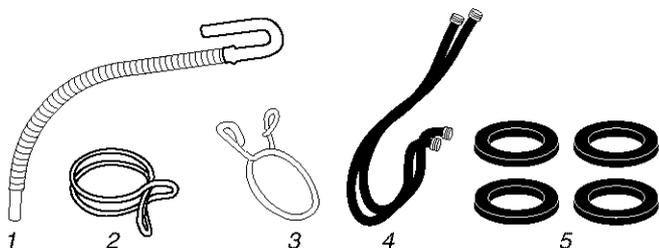
Tools and Parts

Assemble the necessary tools and supplies before beginning the washer installation. The parts supplied are in the washer basket.

Tools needed for connecting the drain hose and water inlet hoses:

- Pliers that open to 1 $\frac{1}{16}$ in. (3.95 cm)
- Flashlight (optional)

Parts supplied:

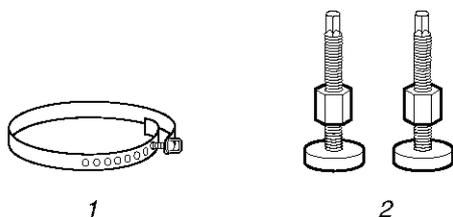


1. Drain hose
2. Silver, double-wire hose clamp (for the bottom of the drain hose)
3. Yellow, single-wire hose clamp (for the top of the drain hose)
4. Water inlet hoses (2)
5. Flat water inlet hose washers (4)

Tools needed for securing the drain hose and leveling the washer:

- Adjustable or open end wrench $\frac{9}{16}$ in. (14 mm)
- Level
- Wood block
- Ruler or measuring tape

Parts supplied:



1. Shipping strap with fastener
2. Front leveling feet with nuts (2)

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 in. (2.4 m)	Sump pump system (if not already available)
1 in. (2.5 cm) diameter standpipe	2 in. (5 cm) diameter to 1 in. (2.5 cm) diameter standpipe adapter, Part No. 3363920
Overhead sewer	Standard 20 gal. (76 L) 39 in. (99 cm) tall drain tub or utility sink, sump pump and connectors (available from local plumbing suppliers)
Floor drain	Siphon break, Part Number 285320; additional drain hose, Part Number 3357090 and connector kit, Part Number 285442
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
Drain hose too short	Drain hose, Part No. 388423 and hose kit, Part No. 285442
Drain hose that is too long	Hose kit, Part No. 285442
Lint clogged drain	Drain protector, Part No. 367031

Location Requirements

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

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

IMPORTANT: Do not install or store the washer where it will be exposed to the weather.

Proper installation is your responsibility.

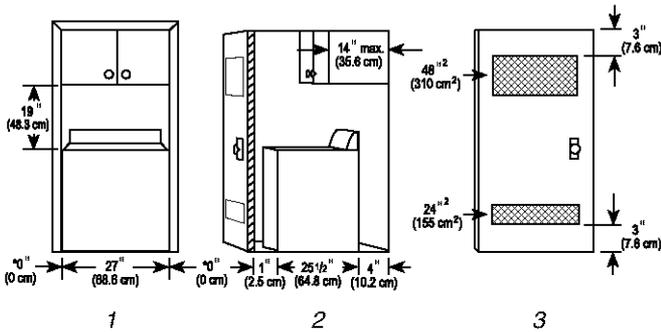
You will need:

- A water heater set to deliver 120°F (49°C) water to the washer.
- A grounded electrical outlet located within 4 ft (1.2 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 5-100 psi (34.5-690 kPa). Washers with triple dispensers require 20-100 psi (138-690 kPa) for best performance.
- A level floor with a maximum slope of 1 in. (2.5 cm) under entire washer. Installing the washer on carpeting is not recommended.
- A sturdy floor to support the washer weight (washer, water and load) of 315 lbs (143 kgs).

Do not store or operate your washer in temperatures at or below 32°F (0°C). Some water can remain in the washer and can cause damage in low temperatures. See “Washer Care” for winterizing information.

Recessed area or closet installation

The dimensions shown are for the recommended spacing allowed, except the closet door ventilation openings. The dimensions shown for the closet door ventilation openings are the minimum required.

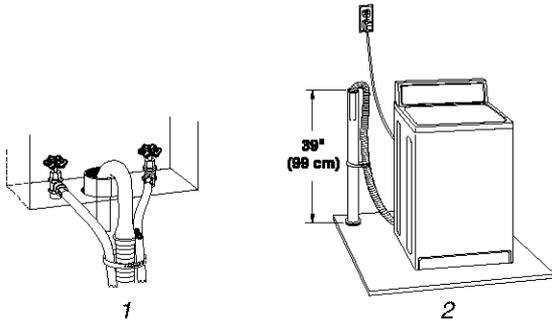


1. Front view
2. Side view
3. Closet door with vents

- Additional spacing should be considered for ease of installation and servicing.
- Additional clearances may be required for wall, door and floor moldings.
- Additional spacing of 1 in. (2.5 cm) on all sides of the washer is recommended to reduce noise transfer.
- If a closet door is installed, the minimum air openings in the top and bottom of the door are required. Louvered doors with air openings in the top and bottom are acceptable.
- Companion appliance spacing should also be considered.

Drain System

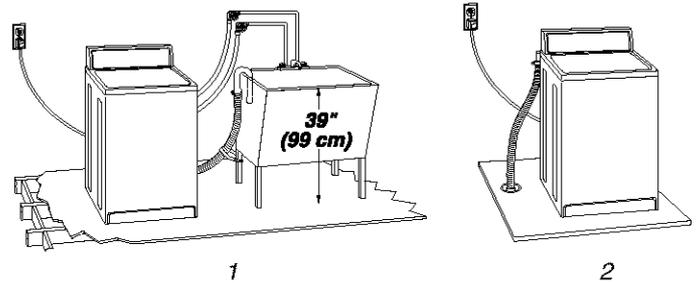
The washer can be installed using the standpipe drain system (floor or wall), the laundry tub drain system, or the floor drain system. Select the drain hose installation method you need. See "Alternate Parts."



Standpipe drain system - wall or floor (view 1 & 2)

The standpipe drain requires a minimum diameter standpipe of 2 in. (5 cm). The minimum carry-away capacity can be no less than 17 gal. (64 L) per minute. A 2 in. (5 cm) diameter to 1 in. (2.5 cm) diameter standpipe adapter kit is available. See "Alternate Parts."

The top of the standpipe must be at least 39 in. (99 cm) high and no higher than 96 in. (244 cm) from the bottom of the washer.



Laundry tub drain system (view 1)

The laundry tub needs a minimum 20 gal. (76 L) capacity. The top of the laundry tub must be at least 39 in. (99 cm) above the floor and no higher than 96 in. (244 cm) from the bottom of the washer.

Floor drain system (view 2)

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

The siphon break must be a minimum of 28 in. (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.

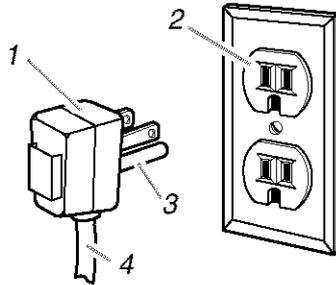
Do not use an adapter.

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-ampere, fused electrical supply is required. 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 grounded plug.
- To minimize possible shock hazard, the cord must be plugged into a mating, 3 prong, ground-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.



1. 3 prong grounding plug
2. 3 prong grounding-type outlet
3. Ground prong
4. Power supply cord

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

Before You Start

⚠ WARNING

Excessive Weight Hazard

Use two or more people to move and install washer.

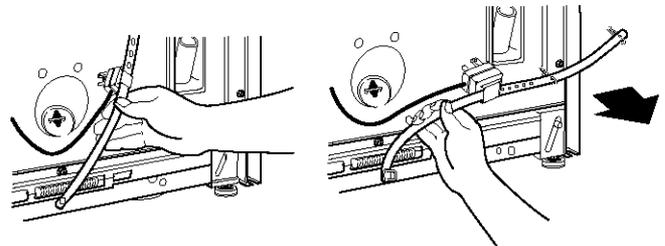
Failure to do so can result in back or other injury.

- To prevent floor damage, set the washer onto cardboard before moving across floor.
- Move the washer to within approximately 3 ft (90 cm) of the final location.

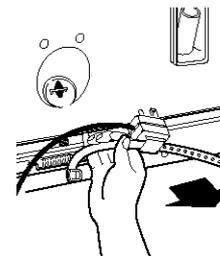
Remove Shipping Strap

Removing the shipping strap is necessary for smooth operation. If the shipping strap is not removed, the washer will make excessive noise.

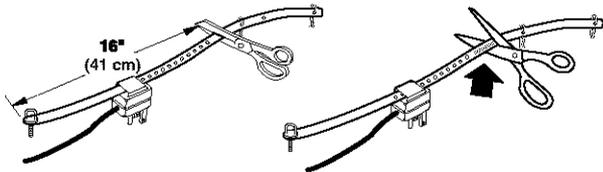
1. Do not cut yellow strap. Pull yellow strap firmly, until completely removed from washer. Depending on your model, there will be either two or three cotter pins on the end of the shipping strap when it is pulled out of the washer. The electrical plug is attached to this shipping strap.



2. Pull firmly to remove the end of the shipping strap that remains pinned to the back of the washer. This will release the rear self-leveling feet.



- Cut the shipping strap about 16 in. (41 cm) from plug end. Look for the words "CUT HERE." Discard end with the cotter pins. Slide remainder of shipping strap from the power cord. You will use the remainder of the shipping strap later to secure the drain hose.

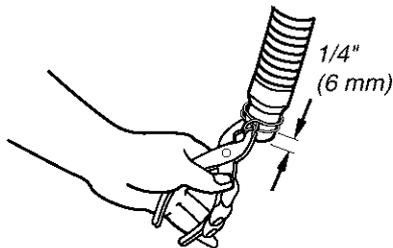


Connect Drain Hose

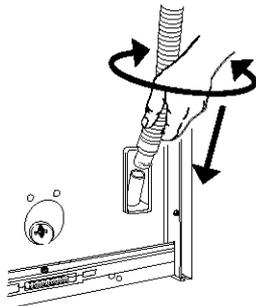
Proper connection of the drain hose will protect your floors from damage due to water leakage. To prevent the drain hose from coming off or leaking, it must be installed per the following instructions.

IMPORTANT: To ensure proper installation, this procedure must be followed exactly.

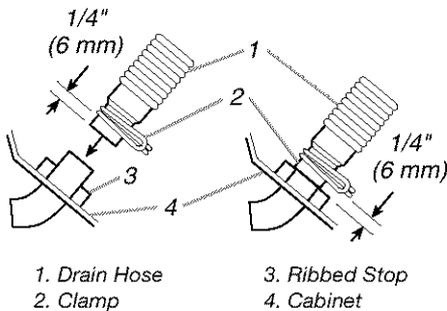
- Check the drain hose to see if it is the proper length.
- Wet the inside of the straight end of the drain hose with tap water. **DO NOT USE ANY OTHER LUBRICANT.**
- Squeeze ears of silver, double-wire clamp with pliers to open. Place clamp over the straight end of the drain hose 1/4 in. (6 mm) from the end.



- Open clamp. Twist hose back and forth while pushing down onto drain connector at the bottom of the washer. Continue until hose contacts the ribbed stop on the cabinet.

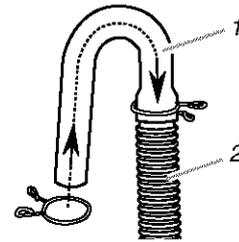


- Place clamp over area marked "CLAMP." Release clamp.



For standpipe or laundry tub drain systems:

- Open yellow, single-wire clamp with pliers and slide over hooked end of drain hose to secure the rubber and corrugated sections together.

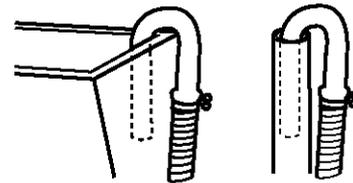


1. Hooked end
2. Drain hose

- Put hooked end of drain hose into laundry tub or standpipe. Rotate hook to eliminate kinks.

To prevent drain water from going back into the washer:

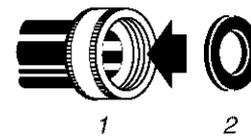
- Do not straighten hooked end of drain hose. Do not force excess drain hose into standpipe. Hose should be secure, but loose enough to provide a gap of air.
- Do not lay excess drain hose in bottom of laundry tub.



- For floor drain installation, see kit number required under "Alternate Parts."

Connect the Inlet Hoses

- Insert new flat washers (supplied) into each end of the inlet hoses. Firmly seat the washers in the couplings.



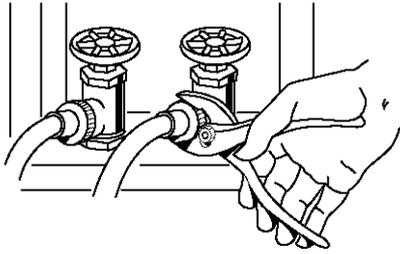
1. Coupling
2. Washer

Connect the inlet hoses to the water faucets

Make sure the washer basket is empty.

- Attach the hose with the red coupling to the hot water faucet. Screw on coupling by hand until seated on the washer.
- Attach the hose with the blue coupling to the cold water faucet. Screw on coupling by hand until seated on the washer.

- Using pliers, tighten the couplings with an additional two-thirds turn.



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

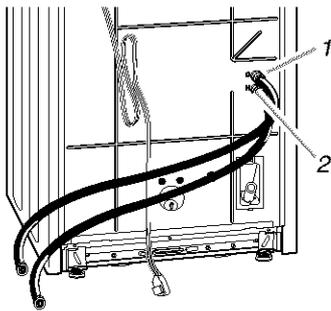
Clear the water lines

- Run water through both faucets and inlet hoses, into a bucket or laundry tub, to get rid of particles in the water lines that might clog the inlet valve screens.

Connect the inlet hoses to the washer

- Attach the hose with the red coupling to the HOT (bottom) inlet valve. Attaching the red coupling first makes it easier to tighten connection with pliers. Screw on coupling by hand until seated on the washer. Using pliers, tighten the couplings with an additional two-thirds turn.

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



1. Cold water inlet valve (blue)
2. Hot water inlet valve (red)

NOTE: The inlet valve may be on the right or the left side of the washer, depending on your model.

- Attach the hose with the blue coupling to the COLD water (top) inlet valve. Screw on coupling by hand until seated on the washer. Using pliers, tighten the couplings with an additional two-thirds turn.

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

Check for leaks

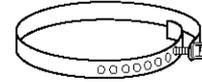
- Turn on the water faucets and check for leaks. A small amount of water might enter the washer. You will drain this later.

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

- If you connect only one water hose, you must cap off the remaining water inlet port.
- Periodically inspect and replace hoses if bulges, kinks, cuts, wear, or leaks are found.

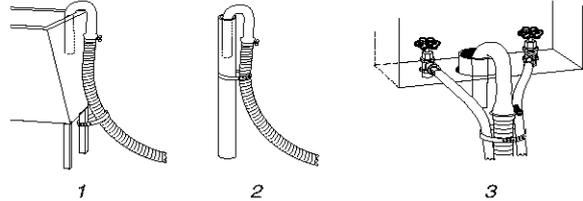
Secure the Drain Hose

1. Drape the power cord over the console.
2. Remove any cardboard used to move washer.
3. Locate the remaining portion of shipping strap (not the end with the cotter pins) from step 3 of "Remove Shipping Strap."



Remaining portion of Shipping Strap

4. Wrap the drain hose to the laundry tub leg or standpipe with the tie strap. Push fastener into the nearest hole in the shipping strap. (See illustration 1 or 2.)



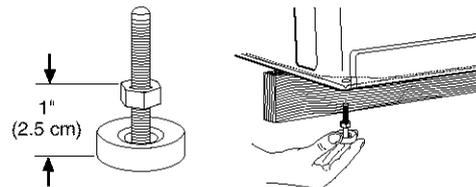
If the washer faucets and the drain standpipe are recessed, put the hooked end of the drain hose in the standpipe. Tightly wrap the tie strap around the water inlet hoses and the drain hose. (See illustration 3.)

Level the Washer

Properly leveling your washer prevents excessive noise and vibration.

Install the front leveling feet

1. Prop up the front of the washer about 4 in. (10.2 cm) with a wood block or similar object. The block needs to support the weight of the washer.
2. Screw the lock nut onto each foot to within 1 in. (2.5 cm) of the base.

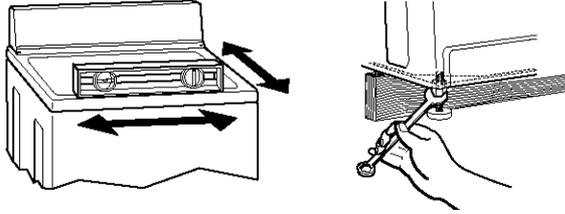


3. Screw the feet into the correct holes at the front corner of the washer until the nuts touch the washer.

NOTE: Do not tighten the nuts until the washer is level.

4. Tilt the washer back and remove the wood block. Gently lower the washer to the floor.
5. Slide to final location.
6. Tilt the washer forward until the rear of the washer is at least 4 in. (10.2 cm) off the floor. You may hear the self-adjusting rear feet click into place. Lower the washer to the floor.
7. Check the levelness of the washer by placing a level on the top edges of the washer, first side-to-side, then front-to-back.

- If the washer is not level, move the washer out slightly, tip back, prop up the front of the washer with the wood block and adjust the feet up or down as necessary. Repeat steps 5 through 8 until washer is level.



- After the washer is in the final location and level, use a $\frac{9}{16}$ in. (14 mm) open-end wrench to turn the nuts on the feet tightly against the washer cabinet.

If the nuts are not tight against the washer cabinet, the washer may vibrate.

Complete Installation

- Check the electrical requirements. Be sure that you have the correct electrical supply and the recommended grounding method. (See "Electrical Requirements.")
- Check to be sure all parts are now installed. If there is an extra part, go back through the steps to see which step was skipped.
- Check to be sure you have all of your tools.
- Check to be sure that the yellow shipping strap was removed from the back of the washer and used to secure the drain hose.
- Dispose/recycle all packaging materials.
- Check to be sure the water faucets are on.
- 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.

- Plug into a grounded 3 prong outlet.
- Remove the protective film on the console and any tape remaining on the washer.
- Read "Washer Use" in the Washer User Instructions.
- To test your washer, measure $\frac{1}{2}$ of the normal recommended amount of powdered or liquid detergent and pour it into the washer basket or detergent dispenser (on some models). Close the lid. Select any cycle, and then press START. Allow it to complete one whole cycle.

FEATURES AND BENEFITS

Your new washer has many special features that contribute to proper cleaning and fabric care. Here are descriptions of the features and their benefits:

The CATALYST™ Cleaning Action

To provide improved stain and soil removal, CATALYST™ uses your detergent in a unique way. Water flushes through the dispenser to dissolve the detergent. Then the detergent mixture is sprayed onto the load while the washer spins at low speed. This cleaning action will last 1 to 5 minutes depending on the cycle selected. The washer then stops spinning and fills to the selected water level and continues washing with the selected cycle.

SENSOR SMART™ Electronic Controls

SENSOR SMART™ electronic controls are easy to use whether you are a beginner or an "expert."

TOTAL CARE™ Agitator

The TOTAL CARE™ Agitator moves in three directions to ensure proper cleaning. At the bottom of your washer the agitator vanes move back and forth to flex the fabric, loosening the soil. The upper portion of the agitator has vanes that push the clothes down in a spiraling pattern to the area of best cleaning action. A "rollover" motion displaces the clothes already at the bottom. For your largest loads, the TOTAL CARE™ Agitator responds with a vertical motion that senses the "large load" and guides items to the bottom.

KING SIZE™ Capacity

Your washer can handle full-sized loads of heavy work clothes, towels, or mixed items (see "Loading"). Loads with only a few items can have a lower water setting and need less wash time.

TRIPLE SMART™ Dispensers

The TRIPLE SMART™ dispensers make your washer truly automatic. It is unnecessary for you to return to the washer during the cycle to add detergent, bleach, or fabric softener. Laundry products are diluted with fresh water and added to the load at the proper time in the wash cycle.

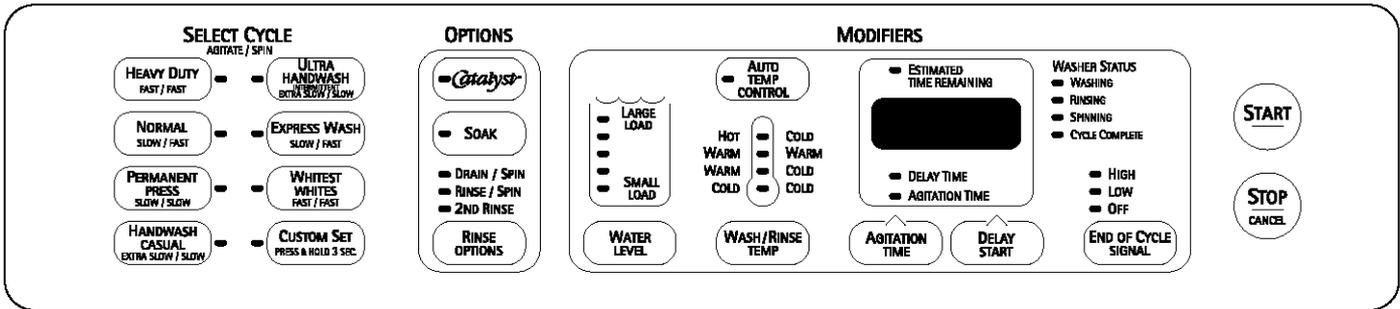
ULTRA QUIET PAK™

The ULTRA QUIET PAK™ reduces the water sounds and ringing noises. The cabinet and base are insulated with sound-damping materials. An additional tub wrap is added for superior vibration and sound-damping. A sound-absorbing blanket under the motor and gearcase also help to insulate the washer to reduce vibration noise.

Water Level and Temperature

A Water Level control gives you the flexibility to save water when washing small loads. The Water Temperature control pad lets you select a wash and rinse water temperature setting based on the type of load you are washing. The settings for Automatic Temperature Control (ATC) take away the worry of undissolved detergent and ensure consistent cleaning results from season to season with warm and cold washes.

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).

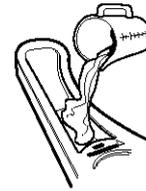
Doing so can result in death, explosion, or fire.

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

- Drop a load of sorted clothes loosely into the washer.
 - Load evenly to maintain washer balance. Mix large and small items.
 - Items should move easily through the wash water. Overloading can cause poor cleaning.
 - To reduce wrinkling of permanent press clothes and some synthetic knits, use a large load size to provide more space (see step 6).
- Pour measured powdered or liquid detergent into the detergent dispenser.



- Pour measured liquid chlorine bleach into the liquid chlorine bleach dispenser, if desired. Bleach is diluted and automatically dispensed during the wash cycle.



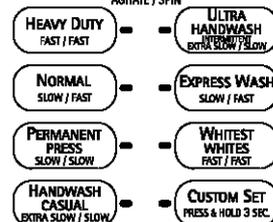
- Never use more than 1 cup (250 mL) for a full load. Use less for a smaller load size.
- Follow the manufacturer's directions for safe use.
- To avoid spilling, use a cup with a pouring spout. Do not let bleach splash, drip, or run down into the washer basket.
- Use only liquid chlorine bleach in this dispenser.

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

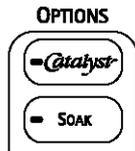


- Do not overfill. The dispenser holds 3 oz (94 mL), or a standard capful of fabric softener.
 - The fabric softener is dispensed in the final rinse.
 - Do not spill or drip any fabric softener onto the clothes.
 - Use only liquid fabric softener in this dispenser.
- Close the washer lid.
 - Select a Cycle. The preset Agitation Time, Water Level, and Wash/Rinse Temp for the selected cycle will glow. See "Selecting a Cycle."

SELECT CYCLE



- The preset settings provide the recommended fabric care for your selected cycle.
 - You can change the preset settings by pressing the desired pads in the Modifiers display (see step 8).
7. (OPTIONAL STEP) To select CATALYST™ cleaning action, press the Catalyst pad. To learn how CATALYST cleaning action works, see “Selecting Options.”



- CATALYST cleaning action is pre-selected in the Heavy Duty and Whitest Whites cycles. When these cycles are selected, the CATALYST option light glows. If CATALYST cleaning action is not desired, you may cancel any time before Start is pressed.
 - CATALYST cleaning action is automatically added to the Quick Wash and Hand Wash cycles to help ensure the best cleaning results. The CATALYST option light does not glow until after Start is pressed.
- NOTE:** CATALYST cleaning action cannot be canceled in the Express Wash and Handwash cycles.
- The CATALYST option can be added to any wash cycle.
8. (OPTIONAL STEP) To add an extra Rinse and Spin or an extra Spin only to a wash cycle, press the Rinse Options pad until the desired option glows.



To select a Rinse and Spin only or a Spin only (Drain/Spin), see “Selecting Options.”

9. (OPTIONAL STEP) The End of Cycle Signal is helpful when you are washing items that should be removed from the washer as soon as the cycle ends.



Press the pad to select a High or Low signal or to turn OFF the End of Cycle Signal.

10. Press Start. The wash cycle begins. The total cycle time (in minutes) glows in the Estimated Time Remaining display.



NOTE: If you do not press Start within 5 minutes of selecting the cycle, the washer will automatically shut off.

Pausing or restarting your washer

To pause the washer at any time, press Stop/Cancel once.



To restart the washer, close the lid and press Start.

Changing Cycles, Options and Modifiers

The cycles, options, and modifiers may be changed any time before Start is pressed. A single short tone will sound when a selection is made. If an unavailable combination is selected, two short tones will sound and the last selection will not be accepted.

The options and modifiers can be changed any time after Start is pressed and before the start of the selected option and/or modifier. Follow the progress of your wash cycle with the Estimated Time Remaining display.



To change options and modifiers (before the event occurs)

1. Press Stop/Cancel once. This will stop the washer.
2. Select the desired option and/or modifier.
3. Press Start to restart the washer.

To cancel a cycle

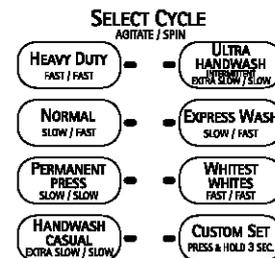
1. Press Start/Cancel twice.
2. Select desired wash cycle.
3. Press Start to restart the washer at the beginning of the new cycle.

Selecting a Cycle

This section describes the available wash cycles and will help you make the best cycle selections for your wash loads. Each cycle is designed for different types of fabric and soil levels. Preset cycle settings provide the recommended fabric care for your selected cycle.

For improved fabric care at water levels below medium, the washer automatically lowers the agitation speed. This change takes place in all cycles except Handwash Casual and Ultra Handwash. For most loads, use the soil level (agitation time) recommended in the preset settings.

- Select more time for heavy soils and sturdy fabrics.
- Select less time for light soils and delicate fabrics.
- The washer pauses briefly throughout each cycle. These pauses are normal. Refer to “Normal Sounds” to learn more about the sounds you may hear during a wash cycle.
- Refer to “Understanding Washer Cycles” to learn what happens during a wash cycle.



Heavy Duty

Use this 4-18 minute wash cycle for sturdy, colorfast fabrics such as work clothes. The cycle combines high speed agitation and high speed spin, to shorten drying times. This cycle also includes CATALYST™ cleaning action to help ensure removal of heavy soils and stains. The preset agitation time is 12 minutes.

Normal

Use this 4-18 minute cycle for moderately soiled cottons and linens. The cycle starts with high speed agitation for deep cleaning, then automatically steps to a lower speed to help ensure gentle fabric care. High spin speed shortens drying time. The preset agitation time is 10 minutes.

Permanent Press

Use this 4-18 minute cycle for cleaning lightly to moderately soiled casual business clothes, permanent press blends and synthetic fabrics. The cycle uses low speed agitation for thorough cleaning and gentle fabric care for your no-iron fabrics. To minimize wrinkling, this cycle features a cool down rinse and a low-speed final spin. The preset agitation time is 8 minutes.

Handwash Casual

Use this 4-18 minute cycle for hand washable garments. The cycle features a series of brief, low speed agitations and short soaks to gently clean special-care items. CATALYST cleaning action is automatically added to this cycle to help ensure the best cleaning results. Low spin speeds minimize wrinkling. The preset agitation/soak time is 6 minutes.

NOTE: Wash small loads. If items appear to be floating (due to trapped air), pause the washer by pressing Stop/Cancel once. Push items down into the washer. Press Start.

Ultra Handwash

Use this cycle for hand washable and special-care items. The wash action has repeating periods of extra-slow speed agitation and soaking. Slow spin speeds help reduce wrinkling.

NOTE: Do not use this cycle for large items such as blankets. Some “handwash” items, particularly wool, naturally shrink when washed. When still wet, block these items by gently stretching to original measurements. Allow the items to dry flat.

Express Wash

Use this 4-10 minute cycle for small, lightly soiled loads that need refreshing. CATALYST cleaning action is automatically added to this cycle to help ensure the best cleaning results. For the fastest cycle, select a small load size and less soil level. The preset agitation time is 4 minutes.

Whitest Whites

Use this 10-15 minute wash cycle for loads of white fabrics that need improved whitening. The cycle combines high speed agitation and high speed spin, to shorten drying times. This cycle also includes CATALYST cleaning action, hot wash water and an automatic second rinse. Bleach is recommended in this cycle to provide outstanding whitening. The preset agitation time is 12 minutes.

Custom Set

This control pad allows you to store a customized wash cycle. To Custom Set a wash cycle:

- Select a desired Cycle.
- Select the desired Options.
- Select the desired Modifiers.
- Press and hold Custom Set until a beep sounds (approximately 3 seconds).
- Press Start.

The Custom Set cycle is now stored for future use. To reuse, select Custom Set and press Start.

Preset cycle settings

Your washer has preset agitation times, water levels (for load sizes), and wash/rinse temperatures based on the cycle selected. The preset settings provide the recommended fabric care for your load. See chart.

Cycle	Agitation Time	Load Size	Wash/Rinse Temperature
Heavy Duty	12 minutes	Large	Warm/Cold
Normal	10 minutes	Large	Warm/Cold
Permanent Press	8 minutes	Large	Warm/Cold
Handwash Casual	6 minutes	Medium	Warm/Cold
Ultra Handwash	4 minutes (agitation & soaking)	Small	Cold/Cold
Express Wash	4 minutes	Small	Warm/Warm
Whitest Whites	12 minutes	Large	Hot/Cold
Soak	10 minutes	Large	Warm/Cold
Rinse/Spin	4 min.* (slow speed agitation)	Large	Warm/Cold
Drain/Spin	6 min* (fast speed spin)	N/A	N/A

* The total cycle time will appear in the display time, including an estimate for drain times.

To use the Preset Cycle settings:

- Select the cycle you want by pressing one of the pads under Select Cycle. The present cycle settings (as listed in the chart above) will be displayed.
- Press Start. The wash cycle will begin.

Selecting Options

You can customize your wash cycle by adding one or more of the following options to your wash: CATALYST™ cleaning action, Soak, Drain/Spin or Rinse/Spin.

- A single tone sounds when a selection is accepted.
- Two short tones sound if an unavailable selection is made.

CATALYST™ Cleaning Action

Your washer uses CATALYST cleaning action to help ensure better soil and stain removal from your wash load. CATALYST cleaning action reduces the need for pretreatment and is safe for all fabrics. CATALYST cleaning action is pre-selected in the Heavy Duty and Whitest Whites cycles and is automatically added to the Express Wash and Handwash Casual cycles. The CATALYST option can be added to any wash cycle.

How CATALYST cleaning action works

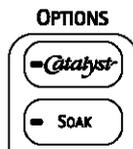
1. Before agitation begins, detergent is automatically released into a special chamber that mixes the detergent with a small amount of water to create a sudsy cleaning solution.
2. Spinning spreads out the clothes.
3. The cleaning solution showers onto the top of the fabrics. The solution is pulled through the clothes, and the detergent enzymes attach to soils and stains, lifting them away.
4. A sensor alerts the washer when the cleaning solution completely penetrates the stains and soils and a rich, sudsy lather covers the clothes. The washer fills to the selected water level and completes the selected cycle.

NOTES:

- For best results, the load should be dry at the start of the cycle.
- Stubborn and set-in stains might require additional pretreatment.

To select or cancel CATALYST cleaning action

Press the CATALYST pad to select CATALYST cleaning action. The CATALYST option must be selected or canceled before Start is pressed.



Soak

Use Soak for heavy soils and stains that need additional time for removal. You can add Soak to a wash cycle, or you can select a Soak only.

To add Soak to a wash cycle

When Soak is added to a wash cycle, the washer fills to the selected water level, agitates briefly and soaks for a few minutes before the wash cycle begins. The amount of soak time varies with each cycle, but is not longer than 12 minutes.

1. Select a cycle.
2. Press On/Off until the Soak light glows.
3. Press Start.

To select a Soak only

When a Soak only is selected, the washer fills to the selected water level, agitates briefly and soaks. The preset soak time is 30 minutes. If a different soil level is selected, the soak time increases or decreases, depending on the selection. After soaking, the washer agitates briefly, drains and spins. Soak only should be followed by a wash cycle, as there is no rinse.

1. Place a sorted load of clothes into the washer. Add detergent to the detergent dispenser.
2. Press On/Off until the Soak light glows. The preset settings will glow. If desired, change settings.
3. Close washer lid. Press Start.

Drain/Spin, Rinse/Spin or 2nd Rinse

When using extra detergent for heavily soiled clothes, or washing special-care items, you may find an extra rinse and spin is needed. The Rinse/Spin option may also be used for items that need rinsing only or for completing a cycle after a power failure.

An extra drain and spin may help shorten drying times for some heavy fabrics or special-care items by removing excess water. The Spin option may also be used for draining the washer after canceling a cycle or completing a cycle after a power failure.



To add an extra Rinse/Spin or Spin to a cycle

1. Select a cycle.
2. Press On/Off until the light glows for the desired option.
3. Press Start.

To select a Rinse/Spin or a Spin only

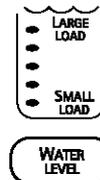
1. Place a load of clothes into the washer.
2. Press On/Off until the light glows for the desired option.
3. Press Start.

Modifiers

Modifiers allow you to further customize your cycles and save energy.

Water Level

Select a water level based on the size of your load. Clothes should move freely and roll toward the agitator.



To change to a higher water level after the washer starts to agitate, press WATER LEVEL until the light glows by the desired water level.

NOTE: If you select a water level below medium, the washer automatically lowers the agitation speed to improve fabric care. This change occurs in all cycles except Handwash Casual and Ultra Handwash.

Wash/Rinse Temp

Select a water temperature based on the type of load you are washing.



- 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.

Use the warmest water safe for fabrics. Follow garment label instructions. See the Temperature Guide for more information.

Temperature Guide

Water Temp	Use For
Hot 111°F (44°C) or above	Whites and pastels Heavy soils
Warm 90°-110°F (32°-43°C)	Bright colors Moderate to light soils
Cold 70°-90°F (21°-32°C)	Colors that bleed or fade Light soils

NOTE: In wash water temperatures colder than 70°F (21°C), detergents do not dissolve well. Soils can be difficult to remove. Some fabrics can retain wear wrinkles and have increased pilling (the formation of small lint-like balls on the surface of garments).

Auto Temp Control

ATC (Auto Temp Control) electronically senses and maintains a uniform water temperature. ATC regulates incoming hot and cold water.

Why use ATC

- ATC ensures consistent cleaning.
- Sometimes in very cold water, detergents will not dissolve. When using ATC, warm water is added to the washer to maintain a temperature of approximately 75°F (24°C). Detergents dissolve properly.
- Warm washes are regulated at approximately 100°F (38°C).
- Warm rinses are regulated at approximately 75°F (24°C). This is a cooler warm rinse, but it saves energy and gives proper rinsing. The load is a comfortable temperature to remove from the washer.

NOTE: The second fill in the Permanent Press wash cycle cools the load and uses unregulated cold water.

To turn ATC On or Off

Press



Agitation Time

Increase or decrease the agitation time for any wash cycle. (See "Preset Cycle Settings" in "Cycles.")

To change the preset agitation time

Press



until you see the desired time in the display. AGITATION TIME glows.

When the wash cycle starts, the display shows the estimated time remaining in the cycle (including fills and drains). ESTIMATED TIME REMAINING glows.

NOTES:

- The maximum agitation time is 18 minutes.
- After a cycle starts, you cannot change the agitation time.

Delay Start

Select this modifier to run your washer at a later time or during off-peak hours. You can add items to the load anytime during the delay countdown. After adding items, remember to close the lid. The delay countdown will not continue if the lid is not closed.

- You can delay the start of a cycle up to 11 hours (depending on your model).
- The first time you press Delay Start, you will see



To delay the start

1. Load the washer and fill the dispensers.
2. Close the lid.
3. Select the desired cycle, options and modifiers.
4. Press



until you see the desired hours of delay in the display.



When the delay reaches 9 hours (or 10 or 11 hours depending on your model), the display turns off. Press DELAY START again to select a new number of delay hours.

5. Press START.

NOTE: To cancel the delay, press START to start the cycle.

To change the delay time

1. Press STOP/CANCEL.
2. Reset the delay start time.
3. Press START to begin the countdown.

To cancel Delay Start

Press START again to begin cycle.

End of Cycle Signal

A tone alerts you when the wash cycle is complete. The signal is helpful when you are washing items that should be removed from the washer as soon as the cycle ends.



Press END OF CYCLE SIGNAL to select a sound level.

Indicator Lights

Select Cycle

Located next to each pad, these lights show the cycle you have selected.

Options

These lights show the Prewash and/or Rinse/Spin Options you have selected.

Modifiers

These lights show the selected Wash/Rinse Temperature, Wash time, Estimated Time Remaining in cycle, and End of Cycle Signal.

Washer Status

These lights show what portion of the cycle the washer is operating.



Operating Controls

Start

Press START to start your washer after a cycle has been selected. Be sure all desired Options and Modifiers have been selected. The lid must be closed for the washer to start.



Stop/Cancel

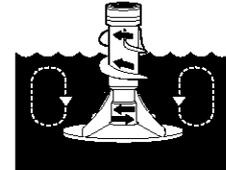
Press STOP/CANCEL to pause or stop the washer at any time. Press START to complete the cycle from where it was stopped. Press STOP/CANCEL twice to turn off the washer.



Understanding Washer Cycles

When a cycle is selected, the washer lid is closed, and Start is pushed, the washer fills (to the selected load size) before agitation and timing start. The washer begins agitating immediately after filling. If CATALYST™ cleaning action is selected, the washer spins and sprays detergent solution for a brief period before filling with water.

During agitation, the agitator creates a continuous rollover action that provides a thorough cleaning of the wash load.



NOTES:

- The washer pauses briefly throughout each cycle. These pauses are normal for washer operation.
- Follow the progress of your wash cycle with the Washing Status indicator lights.

WASH	RINSE
<p>1. Spin-Spray (detergent mixture)[†]</p>	<p>1. Fill</p>
<p>2. Fill</p>	<p>2. Rinse</p>
<p>3. Wash selected time</p>	<p>3. Drain No agitation</p>
<p>4. Drain No agitation*</p>	<p>4. Spin-Spray rinse</p>
<p>5. Spin</p>	<p>5. Spin</p>
<p>[†] When the CATALYST option is selected, the washer spins and sprays a detergent solution for a brief period prior to filling</p>	<p>6. Off</p>

* The Permanent Press/Casual cycle partially drains, fills, agitates briefly, and drains.

Normal Sounds

Your new washer may make sounds your old one didn't. Because the sounds might be unfamiliar, you may be concerned about them. These sounds are normal.

During washing

When you select a small load size setting, your washer has a lower water level. This can cause a clicking sound from the upper part of the agitator.

If you select CATALYST™ cleaning action, you will hear a spin/spray noise at the start of the cycle.

During drain

If water is drained quickly from your washer (depending on your installation), you may hear air being pulled through the pump during the end of draining.

After drain and before spin

When the cycle changes from draining to spinning, you may hear gears engaging.

When selecting a cycle or an option

A tone sounds whenever a selection is made. The sound level of the tones is not adjustable.

- A single tone sounds whenever a selection is accepted.
- Three short tones sound if an unavailable selection is made.

LAUNDRY TIPS

Preparing clothes for washing

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

- 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.

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 non-colorfast 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.

Loading

Loading suggestions (maximum size loads)

KING SIZE™ Capacity Plus Washer

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	

WASHER CARE

Cleaning Your Washer

Cleaning the exterior

Use a soft, damp cloth or sponge to wipe up any spills such as detergent or bleach. Occasionally wipe the outside of your washer to keep it looking new.

Cleaning the interior

Clean your washer interior by mixing 1 cup (250 mL) of chlorine bleach and 2 cups (500 mL) of detergent. Pour this into your washer and run it through a complete cycle using hot water. Repeat this process if necessary.

NOTE: Remove any hard water deposits using only cleaners labeled as washer safe.

Cleaning the dispensers

The dispensers are self-cleaning. If the liquid fabric softener dispenser needs cleaning, scrub with a brush using a liquid laundry detergent solution.

IMPORTANT:

- Remove hard water deposits using only cleaners labeled as washer safe.
- Never use any cleaning fluids on dispenser parts. This can cause damage to the plastic.

Water Inlet Hoses

Replace inlet hoses after five 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, mark the date of replacement on the label with a permanent marker.

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 accidental flooding (due to a water pressure surge) while you are away.

To winterize washer

1. Shut off both water faucets.
2. Disconnect and drain water inlet hoses.
3. Put 1 qt (1 L) of R.V.-type antifreeze in the basket.
4. Run washer on a drain and spin setting (see “Selecting Options”) for about 30 seconds to mix the antifreeze and water.
5. Unplug washer or disconnect power.

To use washer again

1. Flush water pipes and hoses.
2. Reconnect water inlet hoses.
3. Turn on both water faucets.
4. Plug in washer or reconnect power.
5. Run the washer through a complete cycle with 1 cup (250 mL) of detergent to clean out antifreeze.

TROUBLESHOOTING

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

Washer displaying code message

- **“LF” (Long Fill)**
Are the water inlet hoses kinked or clogged?
Are the water inlet valve screens clear?
- **“LD” (Long Drain)**
Is the drain hose kinked or clogged?
- **“FF” (Fill Failure)**
There is a problem with the water level sensing system. Call for service.
- **“OL” (Open Lid)**
Is the lid open?
- **“OB” (Off Balance)**
Is the load unbalanced? Redistribute the load.
- **“F” Variables (F1, F2, ...F9)**
A washer operation failure has occurred. Do the following:
 1. Press Pause/Cancel twice.
 2. Open and close the washer lid.
 3. Reset the cycle and press Start.If the problem persists, press Pause/Cancel twice to clear the display. Call for service.

Washer won't fill, rinse or agitate

- **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 water inlet valve screens clogged?
Are the hot and cold water faucets turned on?
Is the water inlet hose kinked?
Is there oversudsing? Spin load; restart cycle. Do not add detergent.
- **Does the water level seem too low, or does the washer appear to not fill completely?**
The top of the agitator is much higher than the highest water level. This creates a perception that the washer is not filling completely. This is normal.

Washer stops

- **Check the following:**
Is the power cord plugged into a grounded 3 prong outlet?
Did you press Pause/Cancel? To restart the washer, press Start.
Are the water inlet valve screens clogged?
Are the hot and cold water faucets turned on?
Is the water inlet hose kinked?
- **Is there power at the plug?**
Check electrical source or call electrician.
- **Has a fuse blown or has the circuit breaker tripped?**
If problem continues, call electrician.
- **Are you using an extension cord?**
Do not use an extension cord.
- **Is the washer in a normal pause in the Perm. Press/ Casual or Hand Wash cycle?**
The washer pauses for about 2 minutes in the Perm. Press/ Casual cycle. Allow the cycle to continue.
The Hand Wash cycle features periods of agitation and soak.
- **Is the washer overloaded?**
Wash smaller loads.

Washer won't drain or spin

- **Is the drain hose clogged, or the end of the drain hose more than 96 in. (244 cm) above the floor?**
See the Installation Instructions for proper installation of drain hose.
- **Is the lid open?**
The lid must be closed during operation.
- **Is there excessive sudsing?**
Always measure detergent. Follow manufacturer's directions. If you have very soft water, you might need to use less detergent.
- **Is your voltage low?**
Check electrical source or call electrician. Do not use an extension cord.

Washer continues to fill or drain, or the cycle seems stuck

- **Is the top of drain hose lower than the water level in washer?**
The top of the hose must be higher than the water level in the washer for proper operation. See the Installation Instructions.
- **Does the drain hose fit too tightly in the standpipe, or is it taped to the standpipe?**
The drain hose should be loose yet fit securely. Do not seal the drain hose with tape. The hose needs an air gap. See the Installation Instructions.

Washer makes noise

- **Is the load balanced and the washer level?**
The wash load should be balanced and not overloaded.

The washer must be level. The front feet should be properly installed and the nuts tightened. Reset the rear leveling legs (if needed). See the Installation Instructions.

Did you completely remove the yellow shipping strap with cotter pins? See the Installation Instructions.

- **Are the gears engaging after the drain and before spin, or is the upper part of agitator clicking during wash?**
These are normal washer noises.

Washer leaks

- **Check the following:**
Are the fill hoses tight? Are the fill hose washers properly seated? Is the drain hose clamp properly installed? See the Installation Instructions.
- **Is the sink or drain clogged?**
Sink and standpipe must be able to handle 17 gal. (64 L) of water per minute.
- **Is water deflecting off the tub ring or the load?**
Center the tub before starting the washer.

The wash load should be balanced and not overloaded. The fill or spray rinses can deflect off the load.

The washer must be level. The front feet should be properly installed and the nuts tightened. Reset the rear leveling legs (if needed). See the Installation Instructions.
- **Check household plumbing for leaks.**

Washer basket is crooked

- **Was the washer basket pulled forward during loading?**
The wash load should be balanced and not overloaded. Push the basket to the center before starting wash.
- **Is the load balanced and the washer level?**
The wash load should be balanced and not overloaded.

The washer must be level. The front feet should be properly installed and the nuts tightened. Reset the rear leveling legs (if needed). See the Installation Instructions.
- **The washer basket moves while washing.**
This is normal.

Agitator operation

- **The top of the agitator is loose, or moves in only one direction.**
This is normal.

Dispensers clogged or bleach leaking

- **Did you follow the manufacturer's directions when adding detergent and fabric softener to the dispensers?**
Measure detergent and fabric softener. Carefully pour into the dispensers. Wipe up all spills.

Dilute fabric softener in the fabric softener dispenser.
- **Did you put powdered or liquid, color-safe bleach in the liquid chlorine bleach dispenser?**
Add powdered or liquid color-safe bleach to the detergent dispenser. Do not use the chlorine bleach dispenser for color-safe bleach.

Load too wet

- **Did you use the right cycle for the load being washed?**
Select a cycle with a higher spin speed.
- **Did you use a cold rinse?**
Cold rinses leave loads wetter than warm rinses. This is normal.

Residue or lint on load

- **Did you sort properly?**
Sort lint givers (towels, chenille) from lint takers (corduroy, synthetics). Also sort by color.
- **Did you overload the washer?**
The wash load must be balanced and not overloaded. Lint can be trapped in the load if overloaded. Wash smaller loads.
- **Check the following:**
Was paper or tissue left in pockets?

Did you use enough detergent? Follow manufacturer's directions. Use enough detergent to hold the lint in the water.

Is your water colder than 70°F (21°C)? Wash water colder than 70°F (21°C) may not completely dissolve the detergent.

Stains on load

- **Did you follow the manufacturer's directions when adding detergent and fabric softener?**
Measure detergent and fabric softener. Use enough detergent to remove soil and hold it in suspension.
- **Did you add fabric softener directly to the load?** Use your fabric softener dispenser, if available. Do not drip fabric softener on clothes.
- **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.

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 Perm. Press/Casual 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 move freely during washing.
- **Was the wash water warm enough to relax wrinkles, or are you using warm rinses?**
If safe for the load, use warm or hot wash water. Use cold rinse water.
- **Are the hot and cold water hoses reversed?**
Check to be sure the hot and cold water hoses are connected to the right faucets. See the Installation Instructions.

Load is tangled or twisted

- **Did you overload the washer?**
The wash load must be balanced and not overloaded. Loads should move freely during washing.
- **Did you wrap items around the agitator?**
Drop items loosely into the washer. Do not wrap items around the agitator.

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 load. Hot water should be at least 111°F (44°C) to clean heavy soils.
- **Did you use enough detergent, or do you have hard water?**
Use more detergent for washing heavy soils in cold or hard water.
- **Are the hot and cold water hoses reversed?**
Check to be sure the hot and cold water hoses are connected to the right faucets. See the Installation Instructions.

Garment damage

- **Check the following:**

Were sharp items removed from pockets before washing?
Empty pockets, zip zippers, snap or hook fasteners before washing.

Were strings and sashes tied to prevent tangling?

Were items damaged before washing? Mend rips and broken threads in seams before washing.
- **Did you overload the washer?**
The wash load must be balanced and not overloaded. Loads should move freely during washing.
- **Did you properly add chlorine bleach?**
Do not pour chlorine bleach directly on load. Use your liquid chlorine bleach dispenser, if available. Wipe up bleach spills. Undiluted bleach will damage fabrics.
- **Did you follow the manufacturer's care label instructions?**