

charlie



FRONT-LOADING AUTOMATIC WASHER

Use & Care Guide

For questions about features, operation/performance,
parts, accessories or service call: 1-800-253-1301

In Canada, call: 1-800-807-6777

or visit our website at
www.whirlpool.com or www.whirlpool.ca

LAVEUSE AUTOMATIQUE À CHARGEMENT FRONTAL

Guide d'utilisation et d'entretien

Au Canada, pour assistance, installation ou service, composez le :
1-800-807-6777

ou visitez notre site Internet à
www.whirlpool.ca

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Designed to use only HE
High Efficiency Detergent

Conçue pour l'utilisation
d'un détergent haute
efficacité (HE) seulement



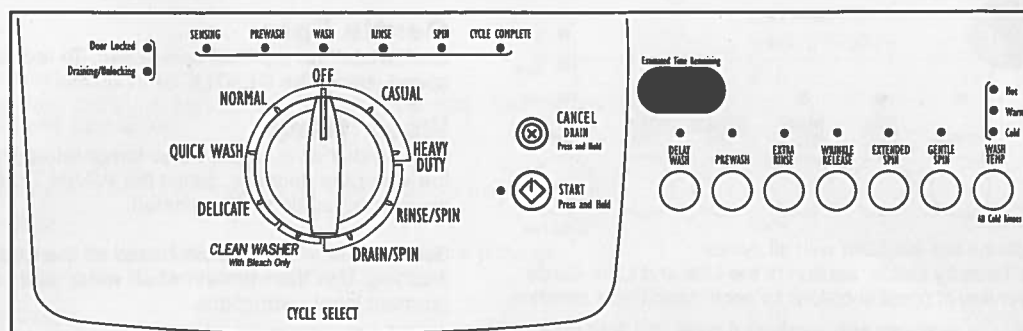
Para obtener acceso al Manual de uso y cuidado en español, o para obtener información adicional acerca de su producto,
visite: www.whirlpool.com.

Tenga listo su número de modelo completo. Podrá encontrar el número de modelo y de serie en la etiqueta ubicada debajo de la tapa
de la lavadora.

W10219708A

Whirlpool® Quick Start Washer Guide

For questions about features, operation/performance, parts, accessories or service call: 1-800-253-1301
In Canada, call: 1-800-807-6777 or visit our website at www.whirlpool.com or www.whirlpool.ca



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Tenga listo su número de modelo completo. Podrá encontrar el número de modelo y de serie en la etiqueta ubicada debajo de la tapa de la lavadora.

⚠ 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.

⚠ 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



Moving Parts Hazard

Keep fingers out of openings.
Reaching into openings can result in amputation or serious cuts.



BEFORE YOU START

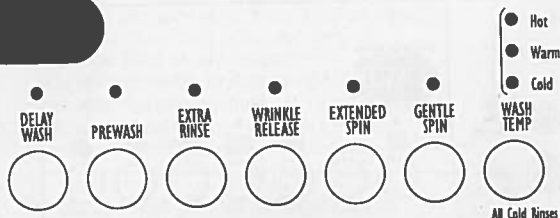
- Remove the 4 bolts in the rear panel of the washer (that support the suspension system during transportation).
- Close the bolt holes with the 4 transport bolt hole plugs.
- Level the washer to avoid excessive noise or vibration. For more information, consult the Use and Care Guide.



OPTIONS AND MODIFIERS

See "Options and Modifiers" in the Use and Care Guide for more information on customizing your wash.

Estimated Time Remaining



Not all Options are available with all cycles.

- See the "Laundry Guide" section of the Use and Care Guide for an overview of possible options for each Wash Cycle selection.
- If an option is available with a selected cycle, the light for that option will be illuminated when selected.
- If an option is unavailable with a selected cycle, there will be a blinking light for that option. It will not illuminate when it is selected.

Delay Wash

Use this to begin the wash cycle later.

- Select DELAY WASH until the desired time (in hours) shows in the Estimated Time Remaining display.
- Select START. The countdown to the wash cycle will show in the display window.

Prewash

Prewash is an 18-minute soak phase that is added before the main wash. During prewash, there is only a small amount of tumbling.

Extra Rinse

An extra 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 in the normal rinse. You may select or deselect by pressing EXTRA RINSE.

Wrinkle Release

Use this option to increase the quantity of incoming water and decrease the spin speed and duration in the rinse period. The last spin phase will have a lower spin speed and last a shorter time.

Extended Spin

Use this option to increase the final spin period by 1 minute during the final spin.

Gentle Spin

Each cycle has a preset spin speed. To reduce the final spin speed, select the GENTLE SPIN button.

Wash Temp

Each cycle has a preset water temperature setting. To change the water temperature, select the WASH TEMP button until the desired setting is illuminated.

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.

The water temperature for all rinse cycles is cold. Cold rinses save energy.

Temperature Guide

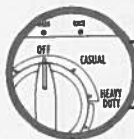
Wash Water Temperature	Suggested Fabrics
HOT	Whites and pastels Heavy soils
WARM	Bright colors Moderate to light soils
COLD	Colors that bleed or fade Light soils

In wash 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 table in "Cycles."

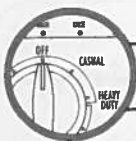
- ATC works for the wash temperature with Warm and Cold settings.
- The Cold rinse temperatures depend on the cold water at your faucet.



CYCLES

Each cycle has a preset Cycle Time and WASH/RINSE TEMP. The preset settings provide the recommended fabric care for the selected cycle. See chart.

CYCLE	ESTIMATED TIME*(HR:MIN)	WASH TEMP	SPIN SPEED
Normal Use this cycle for normally soiled cottons and linens.	0:50	Warm	High
Quick Wash To wash small loads of 2-3 lightly soiled garments.	0:30	Warm	High
Delicate Use the cycle to wash sheer fabrics and lingerie.	0:37	Warm	Low



CYCLES (Continued)

Each cycle has a preset Cycle Time and WASH/RINSE TEMP. The preset settings provide the recommended fabric care for the selected cycle. See chart.

CYCLE	ESTIMATED TIME*(HR:MIN)	WASH TEMP	SPIN SPEED
Clean Washer Do not place clothing in the washer when using this cycle. See "Washer Care" in the Use and Care Guide.	1:15	Hot	High
Drain/Spin Use this cycle to drain your washer or to drain and spin your wash load.	0:18	N/A	High
Rinse/Spin Use this cycle for loads that need rinsing only. Add fabric softener to a load using the fabric softener dispenser, if desired.	0:24	Cold	High
Heavy Duty To wash loads of sturdy, colorfast fabrics and heavily soiled garments.	1:10	Warm	High
Casual Use this cycle for normally soiled permanent press blends and synthetic fabrics.	0:45	Warm	Low

*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.

NOTE: To power down the washer manually after the wash cycle is complete, switch knob to Off position.



How to START

- Place sorted laundry in washer. Close washer door by pushing it firmly until the lock clicks.
- Open dispenser drawer and add laundry products to the detergent, bleach or fabric softener compartments. Use only HE High Efficiency detergent.
- Close drawer slowly to avoid spills.
- Turn on the washer by turning the cycle selector and selecting one of the cycles. The indicator light for the selected cycle will illuminate.
- Select the desired OPTIONS. Not all Options are available with all cycles. See "Options and Modifiers."
- Press and hold START (for approximately 3 seconds) to begin.
- To add a garment after a cycle has been started, you must first press and hold CANCEL/DRAIN for 3 seconds.
NOTE: It will take 1 minute for the Door Lock to unlock. Add garment, close door, select desired cycle, and press and hold START for 3 seconds.



CANCEL/DRAIN - How to RESTART

- Press CANCEL/DRAIN once.
NOTE: After a cycle is complete, or if you press and hold CANCEL/DRAIN for 3 seconds, it will take approximately 1 minute for the Door Lock to unlock, allowing you to open the washer door.
- After the door has unlocked, select a new cycle, options or modifiers. Press and hold START (for approximately 3 seconds) to restart the washer.

NOTE: To protect your garments, not all options can be selected with all wash cycles.

NOTE: Between wash cycles, it is important to let the washer interior air dry by keeping the door open.

TROUBLESHOOTING Before you call service...check for the following.

Noise and vibration

- Make sure all four feet are stable and resting on the floor. Then check that the washer is perfectly level (use a level).
- 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.

IMPORTANT: If the feet are not on the floor, if the washer is not level, or moves when you are pushing on the top edges of the washing machine top plate, see the "Installation Instructions" in the Use and Care Guide.

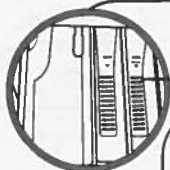
Estimate Time Remaining display (Long Cycle Times)

The cycle times vary automatically based on your clothes load. The cycle time will be extended if oversudsing occurs or the load is unbalanced.

Excessive suds

When excessive suds are detected, a suds routine automatically starts. This routine removes extra suds and assures proper rinsing of your garments. To avoid excessive sudsing, use only HE detergent.

See the Use and Care Guide for complete details.



USING YOUR DISPENSER DRAWER

Fabric Softener Compartment

- The liquid fabric softener will be automatically dispensed in the final rinse or in the Extra Rinse, if selected.
- Do not fill beyond the MAX level.
Max level: $\frac{1}{2}$ cup (120 mL)

Chlorine Bleach Compartment

- Use only liquid chlorine bleach.
- Do not fill beyond the MAX level.
Max level: $\frac{1}{2}$ cup (120 mL)

Dispenser release lever.

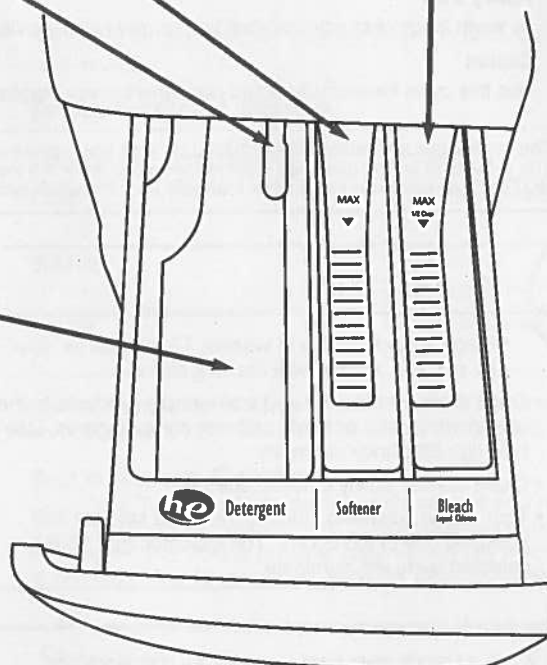
Main Wash Detergent Compartment

Use only High Efficiency detergent. The package for this type of detergent will be marked "HE" or "High Efficiency." Using regular detergent will result in washer errors, longer cycle times, and reduced rinsing performance. It will also result in component failures and noticeable mold or mildew.

- Add liquid or powdered HE detergent to this compartment for your main wash cycle.
- The liquid detergent flows immediately into the washer.



Use only High Efficiency (HE) detergent.



IMPORTANT

1. Use the manufacturer's recommended amount of High Efficiency (HE) detergent, bleach and fabric softener based on load size and soil level.
2. Do not fill compartment beyond the "MAX" level marking.
3. Reduce detergent amount for small loads or to avoid excessive sudsing.
4. Liquid color-safe or any powdered bleach must be added to your detergent compartment. For proper dispensing, do not mix powders and liquids.

NOTE: Use only liquid chlorine bleach in the bleach dispenser.

5. The dispenser drawer should be cleaned periodically. It is removable for easy cleaning. Pull out dispenser drawer, push down on the dispenser release lever, and remove. Wash the parts under running water. Be sure to replace drawer before operating washer.

NOTE: Do not wash components in a dishwasher.

6. Please see the Use and Care Guide for more details.

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SP PN W10179589A

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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.

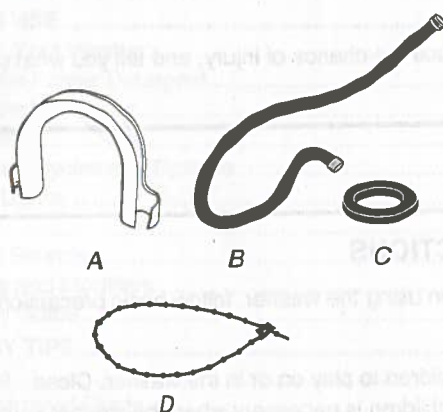
Tools needed for connecting the water inlet hoses

- Pliers (that open to 1 $\frac{9}{16}$ " [39.5 mm])
- Flashlight (optional)

Tools needed for installation

- Open end wrenches 13 mm and 12 mm
- Level
- Wood block
- Ruler or measuring tape

Parts supplied



- A. U-shaped hose form
B. Water inlet hoses (2)
C. Inlet hose washers (4)
D. Beaded tie strap

Alternate Parts

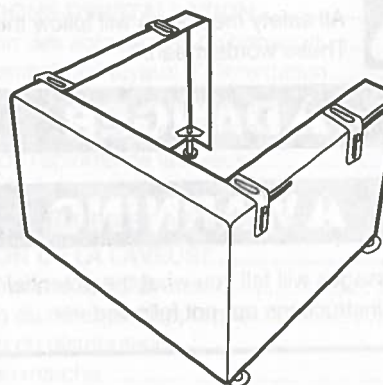
Your installation may require additional parts. If you are interested in purchasing one of the items listed here, call the toll-free number on the cover or in the "Assistance or Service" section.

If You Have	You Will Need to Buy
Laundry tub or standpipe taller than 55" (1.4 m)	Sump pump system (if not already available)
Overhead sewer	Standard 20 gal. (76 L), 30" (762 mm) 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 a pedestal for this washer. You may select a 12" (304.8 mm) pedestal. The pedestal will add to the total height of the washer.



Optional pedestal

Pedestal Height	Approximate Height with Washer	Color	Model Number
12" (304.8 mm)	45 $\frac{1}{2}$ " (1154.8 mm)	White	LAB0050PQ

Stack Kit

Whirlpool dryer models starting with WED, YWED, WCD, and YWCD come with a stack kit included.

To order, call the dealer from whom you purchased your washer or refer to the "Assistance or Service" section. Ask for Part Number W10178021.

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

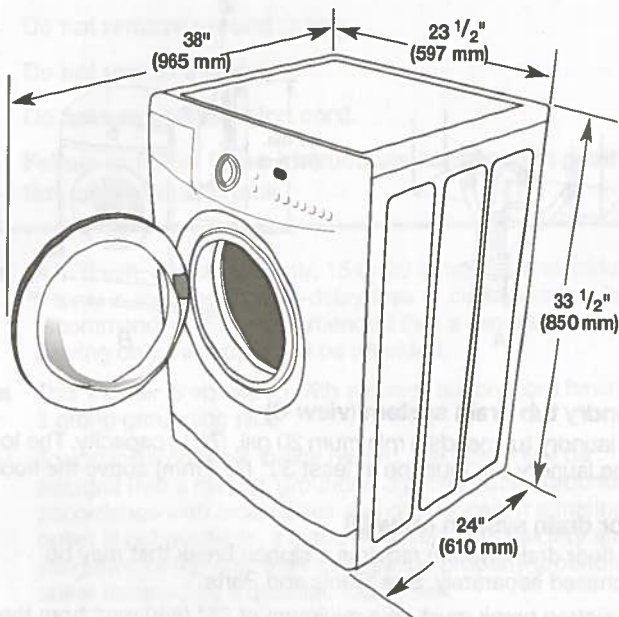
- A water heater set to deliver 120°F (49°C) water to the washer.
- A grounded electrical outlet located within 5.4 ft (1.65 m) of where the power cord is attached to the back of the washer. See "Electrical Requirements."
- Hot and cold water faucets located within 4 ft (1.2 m) of the hot and cold water fill valves, and water pressure of 20-100 psi (137.9-689.6 kPa).
- A level floor with a maximum slope of 1" (25 mm) 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. The door opens more than 90°, and it is not reversible.
- Additional clearances might be required for wall, door, and floor moldings.
- Additional spacing of 1" (25 mm) on all sides of the washer is recommended to reduce noise transfer.
- Companion appliance spacing should also be considered.

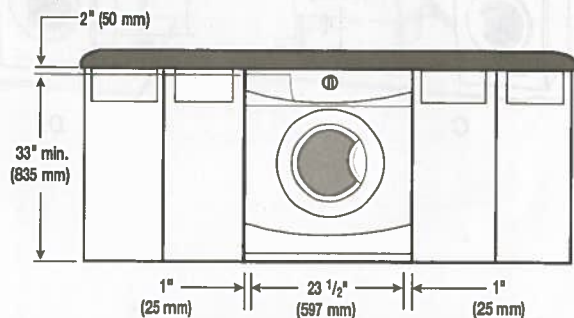
Washer Dimensions



Recommended installation spacing for custom undercounter installation

The dimensions shown are for the recommended spacing.

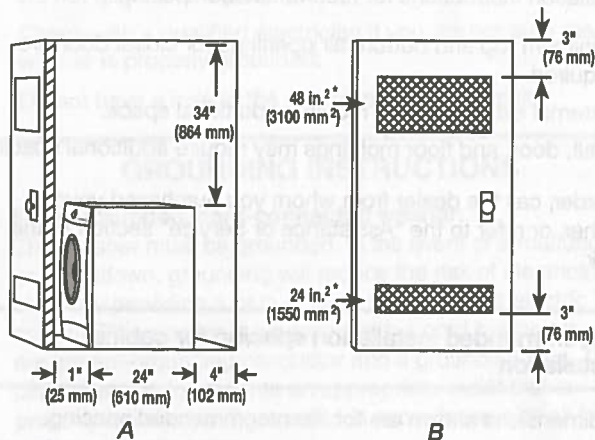
Custom undercounter installation - Washer only



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

The dimensions shown are for the recommended spacing.

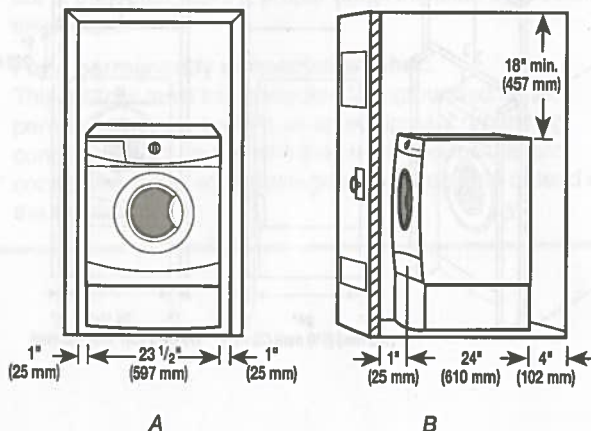
Recessed area or closet installation



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

*Minimum 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

Whirlpool dryer models starting with WED, YWED, WCD, and YWCD are shipped with a stack kit included. See Stack Kit Installation Instructions for recommended spacing.

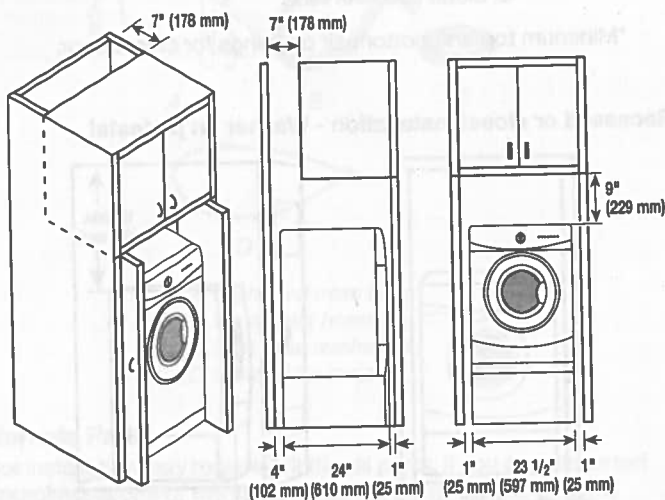
- Minimum top and bottom air openings for closet door are required.
- External exhaust elbow requires additional space.
- Wall, door, and floor moldings may require additional spacing.

To order, call the dealer from whom you purchased your washer, or refer to the "Assistance or Service" section of this book.

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.



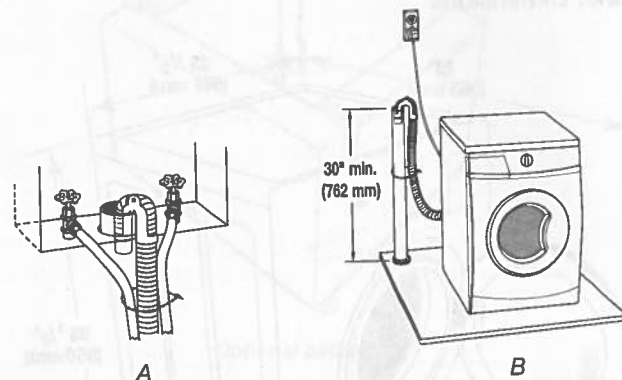
Drain System

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" (50 mm). 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" (762 mm) high and no higher than 55" (1.4 m) from the bottom of the washer.



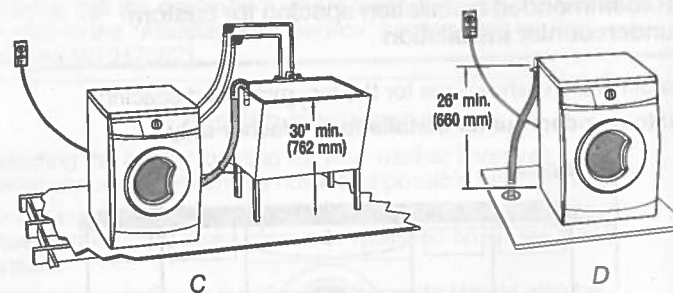
Laundry tub drain system (view C)

The laundry tub needs a minimum 20 gal. (76 L) capacity. The top of the laundry tub must be at least 30" (762 mm) above the floor.

Floor drain system (view D)

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 26" (660 mm) 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, grounded 3 prong 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

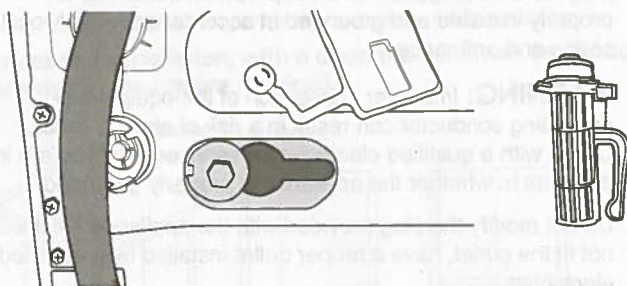
Excessive Weight Hazard

Use two or more people to move and install washer.

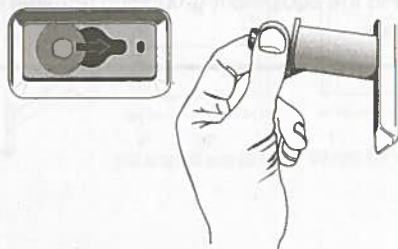
Failure to do so can result in back or other injury.

IMPORTANT: Position the washer so that the rear of the washer is within approximately 3 ft (900 mm) 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 12 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.

WARNING



Moving Parts Hazard

Keep fingers out of openings.

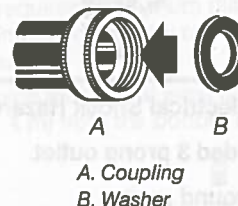
Reaching into openings can result in amputation or serious cuts.

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, your machine must be properly set up for relocation by a certified technician.

Connect the Inlet Hoses

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

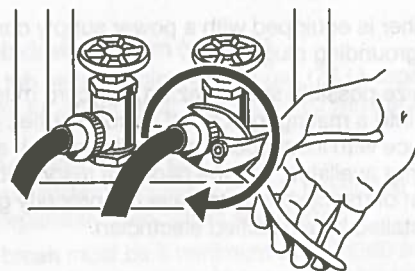


A. Coupling
B. Washer

Connect the inlet hoses to the water faucets

Make sure the washer drum is empty.

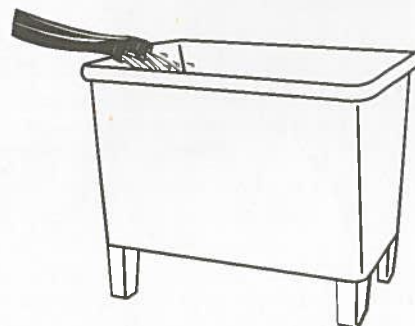
1. Attach a hose to the hot water faucet. Screw on coupling by hand until it is seated on the washer.
2. Attach a hose to the cold water faucet. Screw on coupling by hand until it is seated on the washer.
3. Using pliers, tighten the couplings with an additional two-thirds turn.



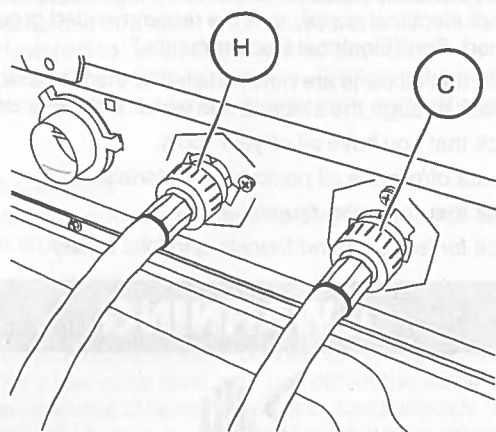
NOTE: Do not overtighten or use tape or sealants on the valve. Damage to the valves can result.

Clear the water lines

- Run water through both faucets and inlet hoses, into a laundry tub, drainpipe or bucket, to get rid of particles in the water lines that might clog the inlet valve screens.
- Check the temperature of the water to make sure that the hot water hose is connected to the hot water faucet and that the cold water hose is connected to the cold water faucet.



Connect the inlet hoses to the washer



H. Hot water inlet
C. Cold water inlet

1. Attach the hot water hose to the washer's hot (H) water inlet valve. Screw on coupling by hand until it is seated on the washer.
2. Attach the cold water hose to the washer's cold (C) water inlet valve. Screw on coupling by hand until it is seated on the washer.
3. Using pliers, tighten the couplings with an additional two-thirds turn.

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

4. Turn on the water faucets completely 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.

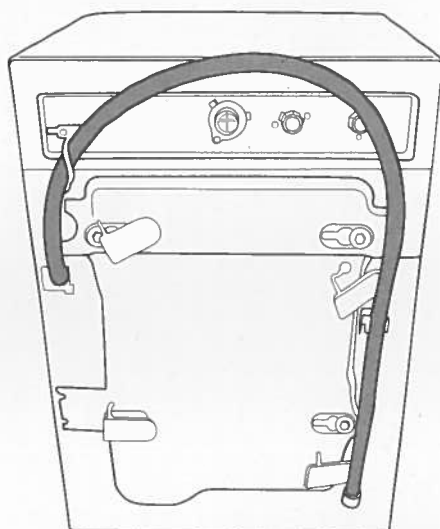
Periodically inspect and replace hoses if bulges, kinks, cuts, wear, or leaks are found.

Route the Drain Hose

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

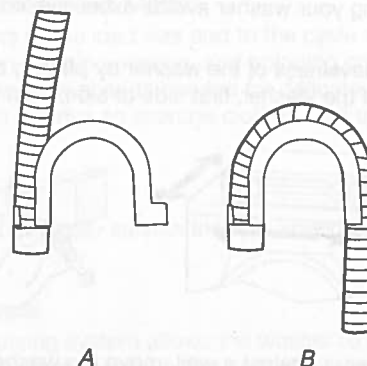
Remove drain hose from the washer

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:

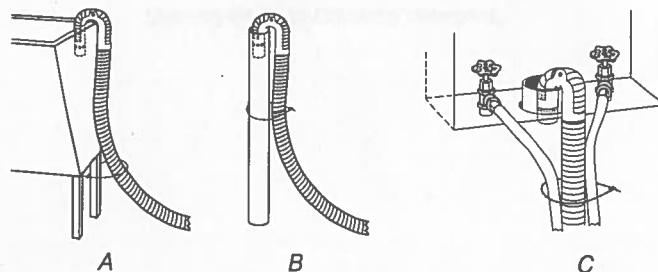
- Do not straighten the drain hose, and do not force excess drain hose into standpipe. Hose should be secure, but loose enough to provide a gap for air.
- Do not lay excess hose on the bottom of the laundry tub.

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. Move the washer to its final location.
3. Place the drain hose in the laundry tub or standpipe as shown. See illustrations A and B.



4. If the washer faucets and the drain standpipe are recessed, put the hooked end of the drain hose in the standpipe as shown. See illustration C.

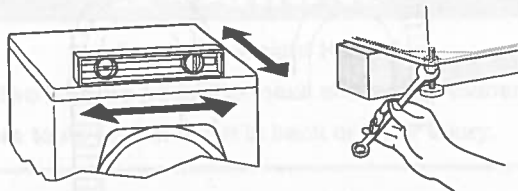
NOTES:

- Do not force excess drain hose back into the rear of the washer.
- To avoid siphoning, do not seal the 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 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 13 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.
4. The washer should not move front to back, side to side, or diagonally when pushed on its top edges.
5. Slide the washer to its final location.
6. 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. Check that all parts are now installed. If there is an extra part, go back through the steps to see which step was skipped.
3. Check that you have all of your tools.
4. Dispose of/recycle all packaging materials.
5. Check that 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 detergent manufacturer's recommended amount of HE High Efficiency detergent for a medium-size load. Pour the detergent into the detergent dispenser. Select NORMAL, and then select START. Allow the washer to complete one whole cycle.



Use only HE High Efficiency detergent.

FEATURES AND BENEFITS

Your new front-loading high efficiency washer, was designed to conserve resources and lower your water and energy bills. The washer is designed to determine and then provide the amount of water needed for the best performance. The time of operation may be greater for this new system than for a conventional washer.

Electronic Controls

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

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.

Suspension System

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

- 2 Springs to isolate vibration
- 2 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, reducing drying time.

Adaptive Variable Speed Motor

The motor adapts to the load size and to the cycle selected to give the optimum cleaning, rinsing, and spinning conditions. The motor can handle slow speeds needed for delicate items and is powerful enough to drive an average clothes load up to high-speed spin.

Spin Speeds

This washer automatically selects the spin speed based on the cycle selected.

Dynamic Balance

A precision balancing system allows the washer to reach high-speed spins. The washer spins faster so that clothes coming out of the washer will have less moisture than with traditional top load machines. In addition, if the Dynamic Balance system detects off-balance loads during spinning, it redistributes the clothes so that they are evenly balanced.

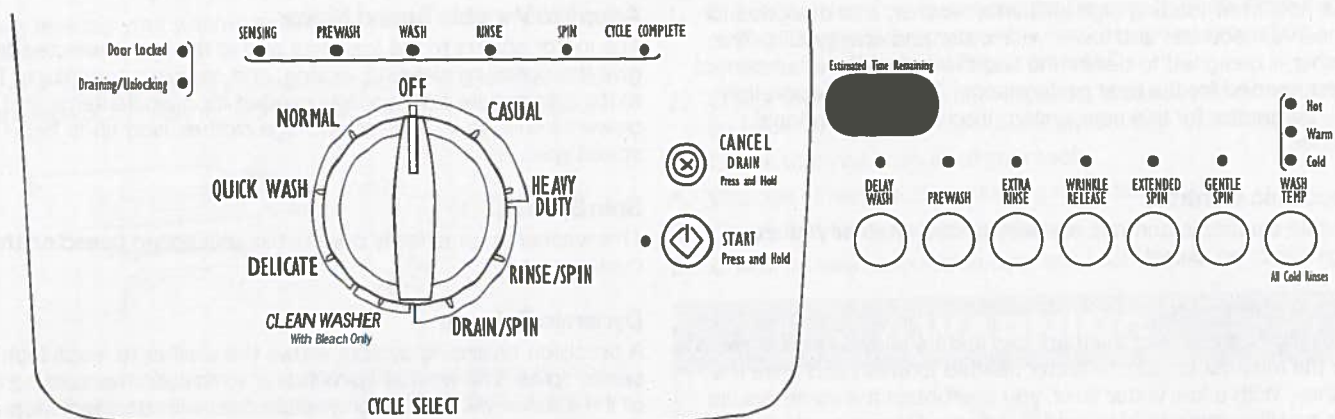
Smart Dispensers

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. The bleach release system 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 or in the EXTRA RINSE, if selected. The Detergent Advantage System Dispenser tray is easily removed for cleaning.



Use only HE High Efficiency detergent.

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 cycle and run it without clothes. Use only HE High Efficiency detergent. Use $\frac{1}{2}$ the manufacturer's recommended amount for a medium-size load. This initial cycle serves to ensure the interior is clean before washing clothes.

For All Wash Cycles

1. To load washer

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, occasionally check under the seal/bellow 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.

NOTE: There is a routine at the beginning of each cycle to avoid unintended use of the washer. This routine will take approximately 1 minute to complete before the selected wash cycle begins.

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 turning the cycle selector and selecting one of the cycles. The indicator light for the selected cycle will illuminate. When selecting a Wash Cycle, the preset Modifiers, Options, and Water Temp for the selected cycle will illuminate. The preset settings provide the recommended fabric care for the selected cycle. See "Cycles."
5. Select the desired OPTIONS. Not all Options are available with all cycles. See "Options."

6. To begin the wash cycle immediately

Select and hold **START** (for approximately 3 seconds).

- If you do not select **START** within 5 minutes of choosing a cycle, the washer display automatically shuts off.
- When the wash cycle is complete, the **CYCLE COMPLETE** status light illuminates, the door unlocks and the wash load can be removed from the washer. The washer goes into standby mode automatically after the door is opened or 1 hour after the cycle is complete and all displays will go off.
- To power down the washer manually after the wash cycle is complete, switch knob to **Off** position.

7. To begin the wash cycle later

Select **DELAY WASH** until the desired delay time (in hours) is displayed. 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.

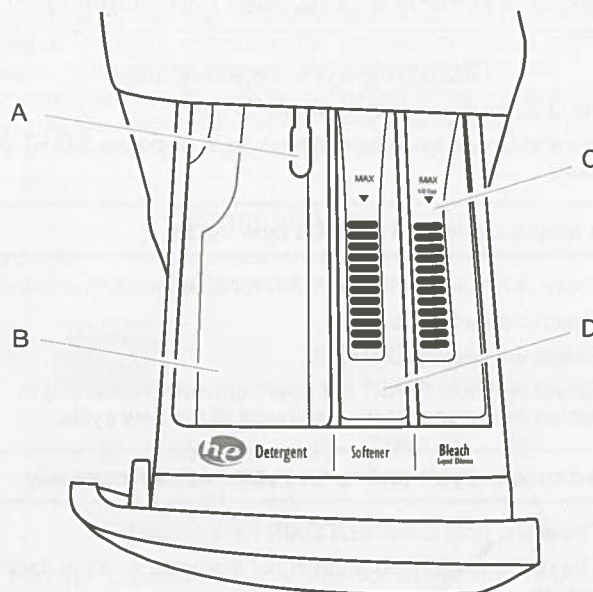


Use only HE High Efficiency detergent.

To fill dispenser compartments

1. Pull out the dispenser drawer.
2. Add the desired laundry products to the proper compartment.

3. Push in the dispenser drawer slowly and completely (to avoid a spill).



Dispenser

- A. Dispenser release lever
- B. Main Wash Detergent compartment
- C. Liquid Chlorine Bleach compartment
- D. 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.

- Powdered color-safe bleach may be added to the Main Wash compartment along with the powdered detergent.
- Follow the manufacturer's instructions to determine the amount of detergent to use.

NOTE: Overfilling could cause an oversudsing condition.

Liquid Chlorine Bleach compartment

(Letter C in Dispenser Illustration)

Add **NO MORE THAN 1/2 cup (120 mL)** liquid chlorine bleach to this compartment during normal use. 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.

- Use only liquid chlorine bleach in this dispenser. Do not use this dispenser to add powdered chlorine or any form of color-safe bleach to your load.
- 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 during normal use.

NOTE: Overfilling could cause garment damage.

Fabric Softener compartment

(Letter D in Dispenser Illustration)

Add **NO MORE THAN 1/2 cup (120 mL)** liquid fabric softener to this compartment. Fabric softener will be automatically dispensed in the final rinse or in the **EXTRA RINSE**, if selected.

- Do not fill beyond the "MAX" level.

Restarting

To restart the washer at any time, select CANCEL/DRAIN.

Changing Cycles and Options

Not all Options are available with all Cycles.

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

To stop a cycle and select a new cycle

1. Press and hold CANCEL/DRAIN for 3 seconds.
2. Select desired cycle.
3. Select the desired OPTIONS.
4. Select and hold START (for approximately 3 seconds) to restart the washer at the beginning of the new cycle.

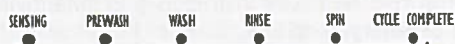
To cancel a cycle and to drain the washer manually

1. Press and hold CANCEL/DRAIN for 3 seconds.
2. The pump will turn on to drain out the water and the door will unlock.
NOTE: It will take approximately 1 minute for the door to unlock.
3. The washer cycle stops, the door unlocks and clothes can be removed.
4. To power down the washer manually after the wash cycle is complete, switch knob to Off position.

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

Status Lights

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



Sensing

The washer automatically weighs items then adjusts the Estimated Time Remaining, based on the cycle selected.

Cycle Complete

The Cycle Complete status light stays on for 1 hour after the cycle is complete. To power down the washer manually after the wash cycle is complete, switch knob to Off position.

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 oversuds routine removes extra suds and assures proper rinsing of your garments. The options you select will also affect the cycle times that are shown in the Preset Cycle Settings table. The Estimated Time Remaining can change to much longer times under extreme conditions.

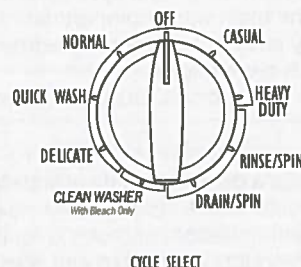
Door Locked

When the Door Locked LED light illuminates, the door is locked. The door is locked and unlocked automatically, depending on the stage of the wash cycle. Press and hold CANCEL/DRAIN for 3 seconds to unlock the door manually. It will take approximately 1 minute for the door to unlock.

Cycles

Wash Cycles

Choose Wash Cycles by rotating the Cycle selector knob to the desired cycle. The indicator light for the cycle selected will illuminate. Each cycle is designed for different types of fabric and soil levels.



- Each cycle has a default cycle time, WASH TEMP, and may have preset Options. The preset settings provide the recommended fabric care for the selected cycle.
- The preset settings can be changed anytime before START is selected. Not all Options and Modifiers (WASH TEMP, spin options) are available with all Cycles. Select and hold START (for approximately 3 seconds) to continue the cycle.

Preset Cycle Settings

Each cycle has a preset Cycle Time and WASH/RINSE TEMP. The preset settings provide the recommended fabric care for the selected cycle. See chart.

Cycle	Estimated Time* (hr:min)	Wash Temp	Spin Speed
Normal	0:50	Warm	High
Quick Wash (2-3 items)	0:30	Warm	High
Delicate	0:37	Warm	Low
Clean Washer	1:15	Hot	High
Drain/Spin	0:18	N/A	High
Rinse/Spin	0:24	Cold	High
Heavy Duty	1:10	Warm	High
Casual	0:45	Warm	Low

*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.

Normal

Use this cycle to wash loads of normally soiled cottons and linens. This cycle has high-speed spin.

Quick Wash

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

Delicate

Use this cycle to wash sheer fabrics and lingerie. This cycle has low-speed spin for gentle fabric care.

- Use mesh garment bags to wash undergarments such as underwire bras, items with strings, and small items such as socks.

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. Use with AFFRESH™ washer cleaner tablet or liquid chlorine bleach to thoroughly clean the inside of your washing machine. This cycle should not be interrupted. 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.

Drain/Spin

Use this cycle to drain your washer or to drain and spin your wash load. The spin speed is preset to HIGH.

Rinse/Spin

Use this cycle to get a rinse and spin only. This cycle has high-speed spin.

Rinse & Spin is useful for:

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

Heavy Duty

Use this cycle to wash loads of sturdy, colorfast fabrics and Heavy soiled garments. This cycle combines a longer wash time and high-speed spin to shorten drying times.

Casual

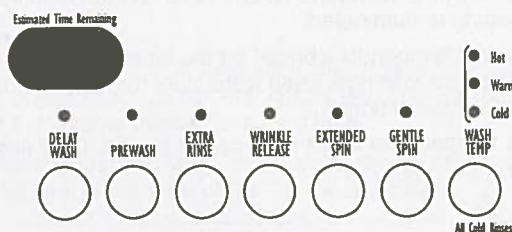
Use this cycle to wash loads of permanent press blends and synthetic fabrics. This cycle has a load cooling process to reduce wrinkling.

Normal 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 and Modifiers

You can customize your wash by adding options to your cycle selections. Not all Options are available with all cycles.



- See the "Laundry Guide" section for an overview of possible options for each Wash Cycle selection.
- If an option is available with a selected cycle, the light for that option will illuminate when selected.
- If an option is unavailable with a selected cycle, there will be a blinking light. The light for that option will not illuminate when selected.

Delay Wash

Use this to begin the wash cycle later.

- Select DELAY WASH until the desired time (in hours) shows in the Estimated Time Remaining display.
- Select START. The countdown to the wash cycle will show in the display window.

Prewash

Prewash is an 18-minute soak phase that is added before the main wash. During prewash, there is only a small amount of tumbling.

Extra Rinse

An extra 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 in the normal rinse. You may select or deselect by pressing EXTRA RINSE.

Wrinkle Release

Use this option to increase the quantity of incoming water and decrease the spin speed and duration in the rinse period. The last spin phase will have a lower spin speed and last a shorter time.

Extended Spin

Use this option to increase the final spin period by 1 minute during the final spin.

Gentle Spin

Each cycle has a preset spin speed. To reduce the final spin speed, select the GENTLE SPIN button.

Wash Temp

Each cycle has a preset water temperature setting. To change the water temperature, select the WASH TEMP button until the desired setting is illuminated.

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.

The water temperature for all rinse cycles is cold. Cold rinses save energy.

Temperature Guide

Wash Water Temperature	Suggested Fabrics
HOT	Whites and pastels Heavy soils
WARM	Bright colors Moderate to light soils
COLD	Colors that bleed or fade Light soils

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 table in "Cycles."

- ATC works for the wash temperature with Warm and Cold settings.
- The Cold rinse temperatures depend on the cold water at your faucet.

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					
		Delay Wash	Pre-wash	Extra Rinse*	Wrinkle Release*	Extended Spin	Gentle Spin
Normal	Normally soiled cotton and linens	✓	✓	✓		✓	✓
Quick Wash	Small loads of 2-3 lightly soiled cotton, polyester, nylon and cotton blends	✓	✓	✓	✓	✓	✓
Delicate	Curtains and delicate clothing, dresses, skirts, shirts and blouses	✓	✓	✓	✓		✓
Clean Washer	No clothes, use AFFRESH™ washer cleaner or chlorine bleach						
Drain/Spin	All loads	✓				✓	✓
Rinse & Spin	All loads	✓		✓		✓	✓
Heavy Duty	Heavily soiled underwear, towels, shirts, etc., made of cotton	✓	✓	✓		✓	✓
Casual	Normally soiled permanent press blends and synthetic fabrics	✓	✓	✓	✓	✓	✓

*NOTE: You cannot select Extra Rinse and Wrinkle Release for the same load.

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 wool and 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 (maximum size loads)

Heavy Work Clothes

3 jeans
2 work pants
3 work shirts

Towels

8 bath towels
8 hand towels
10 washcloths

Permanent Press

1 double sheet
1 dress
1 blouse
2 slacks
3 shirts
6 handkerchiefs

Mixed Load

1 double sheet or twin
4 pillowcases
2 shirts
2 blouses
6 T-shirts
6 shorts
6 handkerchiefs

Knits

1 pant
2 blouses
4 shirts
4 tops
2 dresses

Delicates











1 camisoles
4 slips
6 undergarments
1 set of sleepwear

QUICK WASH cycle

(2-3 garments)

2 dress shirts
1 pair dress pants

Stain Removal Guide

Stain	Use Liquid Chlorine or Color-Safe Bleach	Use suggested Wash Cycle	Stain	Use Liquid Chlorine or Color-Safe Bleach	Use suggested Wash Cycle
 Ink	✓	Whitest Whites	 Grass	✓	Whitest Whites
 Blood	✓	Cold or Warm Normal/Casual	 Tomato Products	✓	Whitest Whites
 Coffee/ Chocolate	✓	Warm Whitest Whites	 Mud	✓	Warm Whitest Whites
 Cosmetics		Heavy Duty	 Deodorants		Heavy Duty
 Dirty Motor Oil		Warm Heavy Duty	 Ring around the Collar	✓	Normal/Casual

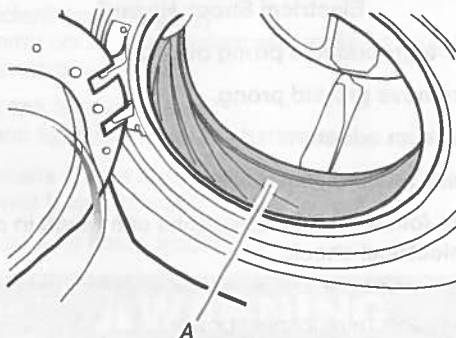
Do not tumble dry soiled or stained items. Heat may permanently set stains.

WASHER CARE

Cleaning Your Washer

Cleaning the Door Seal/Bellow

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



A. Seal/Bellow

3. If stained areas are found, wipe down these areas of the seal/bellow, using the procedure that follows.
 - a) Mix a dilute solution, using $\frac{3}{4}$ cup (177 mL) of liquid chlorine bleach, and 1 gal. (3.8 L) of warm tap water.
 - b) Wipe the seal/bellow 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 AFFRESH™ washer cleaner or 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 CANCEL/DRAIN button. This will stop the cycle. A RINSE/SPIN cycle must then be run to thoroughly rinse the remaining bleach from the washer. Failure to do so will cause damage to the washer and clothing added to the next cycle.

Begin procedure

1. Open the washer door and remove any clothing or items from the washer.
2. **Using the AFFRESH™ washer cleaner (Recommended):** Add one AFFRESH™ washer cleaner tablet to the washer drum.

If using liquid chlorine bleach:

Open the dispenser drawer and immediately add $\frac{1}{2}$ cup (120 mL) of liquid chlorine bleach to the bleach compartment.

NOTE: Do not add any detergent to this cycle. Use of more than $\frac{1}{2}$ cup (120 mL) of bleach will cause product damage over time.

3. Close the washer door and the dispenser drawer.
4. Select the CLEAN WASHER cycle.
5. 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.

6. 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 7.
- b) If any items are detected in the washer, "F-22" will be displayed, and the Sensing, Wash and Rinse status lights will remain lit.
 - Press START to cancel the failure code. Press and hold CANCEL/DRAIN for 3 seconds to unlock the door manually. It will take approximately 1 minute for the door to unlock. Then repeat steps 1, 3 and 5 to start the cycle again.

7. Once the cycle has begun, allow the cycle to complete.
8. 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.
- Repeat the cleaning procedure monthly, using $\frac{1}{2}$ cup (120 mL) of liquid chlorine bleach.
- If the procedure does not sufficiently improve the machine freshness, please 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 Dispenser Release Lever (letter A, see "Using the Dispenser"). Remove the drawer.
2. Remove the inserts (the siphon from the softener and bleach compartments).
3. Wash the parts under running water.
NOTE: Do not wash components in the dishwasher.
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 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.
2. Reconnect water inlet hoses to faucets.
3. 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.

4. Plug in washer or reconnect power.
5. Run the washer through the Normal 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.
6. **IMPORTANT:** Call service. Do not reuse transport bolts. Washer must be transported in the upright position. To avoid suspension and structural damage, your machine 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 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 and Components

Error codes

An error code may be shown in the Estimated Time Remaining display. Check the list below for potential problem and troubleshooting checks.

- **"A09" on display (Water Inlet Problem—no water or insufficient water supply)**
If this error occurs, the system will pause. 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?

⚠ WARNING



Electrical Shock Hazard

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Do not use an extension cord.

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

Plug in washer or reconnect power. Press and hold START to continue the cycle or press and hold CANCEL/DRAIN to cancel the cycle. If the problem remains, call for service.

- **"A10" on display (Drain Problem)**
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 55" (1.4 m) above the floor?

- **"F" Variables [F01 - F30] (Electrical Problem)**
Switch knob or press and hold START 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.

Noisy, vibrating, off-balance

- **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.

All four feet of the washer must be in firm contact with the floor. If the washer is on a pedestal, the washer must be secured to the pedestal and all four pedestal feet must be in firm contact with the floor.

- **Washer making a different noise?**

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.

- **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 $\frac{3}{4}$ " (19.1 mm) plywood underneath your washer. The plywood may extend underneath both washer and dryer to keep them at equal heights.

- **Is the washer gurgling or humming?**

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.

- **Were the 4 shipping bolts in the back of the machine removed?**

See "Remove Transport System."

Leaking

- **Is HE detergent being used?**

The non-High Efficiency detergents can cause oversudsing, which can leak from the rear of the washer.

- **Are the fill hoses tight?**

- **Are the fill hose gaskets properly seated?**

Check both ends of each hose. See "Connect the Inlet Hoses."

- **Is the drain hose properly installed?**

The drain hose should be secured to the drainpipe or laundry tub. See "Secure the Drain Hose."

- **Is the sink or drain clogged?**

Sink and drainpipe must be able to carry away 17 gal. (64 L) of water per minute. If the sink or drain is clogged or slow, water can back up out of drainpipe or sink. Check household plumbing (laundry tubs, faucets, drainpipe, water pipes) for leaks.

Dispenser operation

- **Did you follow the manufacturer's directions when adding detergent and fabric softener to the dispensers?**
Measure detergent and fabric softener. Slowly 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 into the liquid chlorine bleach dispenser (on some models)?**
Add powdered or liquid color-safe bleach to the Main Wash detergent compartment. Do not use the chlorine bleach dispenser for color-safe bleach.
- **Is the fabric softener dispenser clogged?**
Clean the fabric softener dispenser. See "Washer Care" for details.
- **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.
- **Is there water in the dispenser at the end of the cycle?**
A small amount of water will remain in the dispenser compartment. This is normal.

Washer odor

- **See "Cleaning Your Washer."**
- **Are you using AFFRESH™ washer cleaner on a regular basis?**
AFFRESH™ washer cleaner removes and avoids odor-causing residue in all High Efficiency washers. For washers where odor is present, use 3 tablets instead of 1 tablet. After the CLEAN WASHER cycle is complete, wipe away residue if necessary.
- **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.

Door won't unlock

- **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. It will take 1 minute for the door to unlock.
- **Is the error code displayed?**
Failure mode will lock the door. Switch knob or press and hold START to exit, then wait for the door to unlock.
- **Is the water temperature hotter than 104°F (40°C)?**
Wait for the water temperature to drop.

Washer Operation

Washer won't run, fill, rinse or tumble; washer stops

⚠ 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.

- **Is the power cord plugged into a grounded 3 prong outlet?**
Plug power cord into a grounded 3 prong outlet.
- **Are you using an extension cord?**
Do not use an extension cord.
- **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 both the hot and cold water faucets turned on?**
Turn on the water.
- **Is the water inlet hose kinked?**
Straighten the hoses.
- **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 on water and check for leaks.
- **Is the washer in a normal pause in the cycle?**
The washer pauses for about 2 minutes during certain cycle. Allow the cycle to continue. Some cycles feature periods of tumbling and soak.
- **Is the washer overloaded?**
Wash smaller loads.
- **Is the washer door firmly shut?**
The door must be closed during operation.
- **Are the shipping bolts removed?**
All four shipping bolts must be removed for proper operation of the washer.
- **Has a cycle been selected, but START has not been selected and held for 3 seconds?**
Press and hold START, for 3 seconds.

Washer continues to fill or drain, drain cycle seems stuck

- **Is the top of drain hose lower than 30" (760 mm) on washer?**
The top of the drain hose must be at least 30" (760 mm) above the floor. See "Drain System."
- **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 "Secure the Drain Hose."

Washer won't drain or spin, water remains in washer

- **Is the drain hose clogged, or the end of the drain hose more than 55" (1.4 m) above the floor?**
- **Is your voltage low?**
Check electrical source or call electrician.
- **Excessive suds?**
When excessive suds are detected, a special oversuds routine automatically starts. Cycle will complete once extra suds are removed. This will occur more frequently when a non-HE detergent is used.
- **Is the load balanced?**
A single or bulky item may cause imbalance. Add more items or redistribute the load.

Not enough water/Not enough suds

- **Low water?**
This washer uses very little water to provide good cleaning results. You will see little or no water splashing in this washer. This is normal.
- **Are you using HE detergent?**
HE detergent is a low sudsing detergent. This is normal and will not affect cleaning performance.

Wash/Rinse temperature

- **Are the hot and cold water inlet hoses reversed?**
See "Connect the Inlet Hoses."
- **Are you washing many loads?**
As your frequency of loads washed increases, the water temperature may decrease for hot and warm temperatures. This is normal.

Cycle time changes/Cycle too long

- **Estimated cycle time?**
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 oversuds routine removes extra suds and assures proper rinsing of your garments. The options you select will also affect the cycle times that are shown in the Preset Cycle Settings table.

- **Excessive suds?**
When excessive suds are detected, a special oversuds routine automatically starts. 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.
- **Are you washing a single item or bulky load?**
Spin time is added if an unbalanced load is detected. The washer will attempt to redistribute the load with additional tumbling.
- **Did you wash a large load on the Quick Wash cycle?**
The Quick Wash 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 the Quick Wash or Delicate cycles, you should use small loads. This ensures a gentle wash for your garments without increasing cycle times.

Clothes Care

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.
- **Did you use HE detergent?**
Suds during rinse and spin cycles can reduce spin speed. Use HE detergent.

Residue, lint, stains on load; gray whites, dingy colors

- **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). Transfer of dye can occur when mixing whites and colors in a load. Sort dark clothes from whites and lights.
- **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?**
Follow manufacturer's recommendations for the type of load you are washing. For best performance, use only High Efficiency detergent. Use enough HE detergent to remove soil and hold it in suspension.
- **Do you have hard water?**
Use more detergent for washing heavy soils in cold or hard water.
- **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. 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.
- **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 Delicate.
- **Did you unload the washer promptly?**
To avoid transfer of dye, 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 Quick Wash on a large load?**
For best results, use Quick Wash for small, lightly soiled loads.

Load is wrinkled, twisted, tangled

- **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 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. Load should tumble freely during washing.
- **Was the wash water warm enough to relax wrinkles?**
If safe for load, use warm or hot wash water.
- **Are the hot and cold water hoses reversed?**
Check that the hot and cold water hoses are connected to the right faucets. A hot rinse followed by spin will cause wrinkling. See "Connect the Inlet Hoses."

ASSISTANCE OR SERVICE

Before calling for assistance or service, please check "Troubleshooting." It may save you the cost of a service call. If you still need help, follow the instructions below.

When calling, please know the purchase date and the complete model and serial number of your appliance. This information will help us to better respond to your request.

If you need replacement parts

If you need to order replacement parts, we recommend that you only use FSP® factory specified parts. These parts will fit right and work right because they are made with the same precision used to build every new WHIRLPOOL® appliance.

To locate FSP® replacement parts in your area:

In the U.S.A., call the Customer eXperience Center at 1-800-253-1301, or your nearest designated service center.

In Canada, call 1-800-807-6777, or your nearest designated service center.

In the U.S.A.

Call the Whirlpool Customer eXperience Center toll free: 1-800-253-1301.

Our consultants provide assistance with:

- Features and specifications on our full line of appliances
- Installation information
- Use and maintenance procedures
- Accessory and repair parts sales
- Specialized customer assistance (Spanish speaking, hearing impaired, limited vision, etc.)
- Referrals to local dealers, repair parts distributors, and service companies

Whirlpool designated service technicians are trained to fulfill the product warranty and provide after-warranty service anywhere in the United States.

you can also look in your telephone directory Yellow Pages.

To locate the Whirlpool designated service company in your area,

For further assistance

If you need further assistance, you can write to Whirlpool Corporation with any questions or concerns at:

Whirlpool Brand Home Appliances
Customer eXperience Center
553 Benson Road
Benton Harbor, MI 49022-2692

Please include a daytime phone number in your correspondence.

In Canada

Call the Whirlpool Canada LP Customer Interaction Centre toll free: 1-800-807-6777.

Our consultants provide assistance with:

- Use and maintenance procedures
- Accessory and repair parts sales
- Features and specifications on our full line of appliances
- Referrals to local dealers, repair parts distributors, and service companies. Whirlpool Canada LP designated service technicians are trained to fulfill the product warranty and provide after-warranty service anywhere in Canada.

For further assistance

If you need further assistance, you can write to Whirlpool Canada LP with any questions or concerns at:

Customer Interaction Centre
Whirlpool Canada LP
1901 Minnesota Court
Mississauga, Ontario L5N 3A7

Please include a daytime phone number in your correspondence.

Accessories

Enhance your washer with these premium accessories.

For more high-quality items or to order, call 1-800-901-2042, or visit us at www.whirlpool.com/accessories. In Canada, call 1-800-807-6777 or visit us at www.whirlpoolparts.ca.

Part Number	Accessory
8212638RP	6 ft (1.8 m) nylon braided space-saving fill hose, 90° elbow, hypro-blue steel couplings. (2-pack)
8212487RP	5 ft (1.5 m) nylon braided fill hose. (2-pack)
8212526	Washer drip tray, fits under all
8212656RP	10 ft (3.0 m) Black EPDM (2 pack)
8212637RP	6 ft (1.8 m) Black EPDM, space saving 90° elbow, hypro-blue steel couplings. (2-pack)
8212545RP	5 ft (1.5 m) Red and Blue EPDM. (2-pack)
8212641RP	5 ft (1.5 m) Black EPDM (2 pack)
8212546RP	4 ft (1.2 m) Black EPDM (2 pack)
31682	All purpose appliance cleaner
1903WH	Laundry supply storage cart
W10135699	AFFRESH™ Washer Cleaner
W10178021	Stack kit