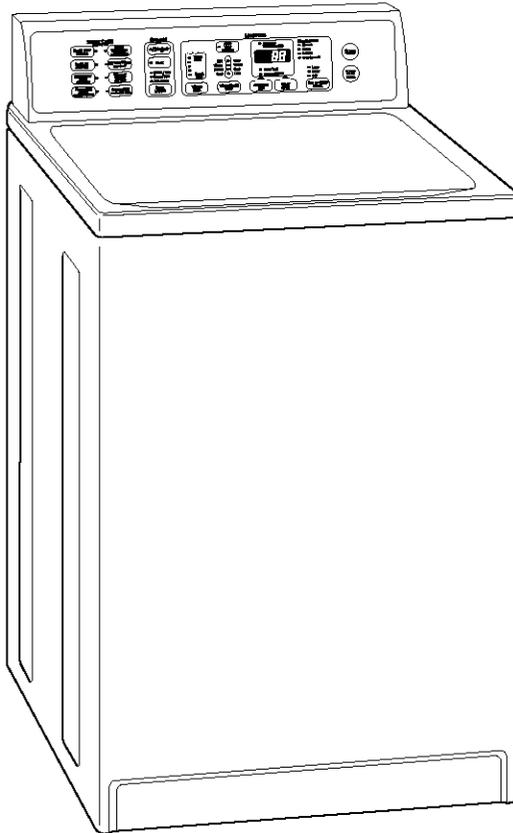


Owner's Manual and Installation Instructions



Electronic Three-Speed AUTOMATIC WASHERS

with *Catalyst*[™]
Cleaning Action



IMPORTANT:

Read and follow all safety
and operating instructions
before first use of this product.

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

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BEFORE USING YOUR NEW WASHER

Please read this manual. It will help you install and operate your new Kenmore washer in the safest and most economical way.

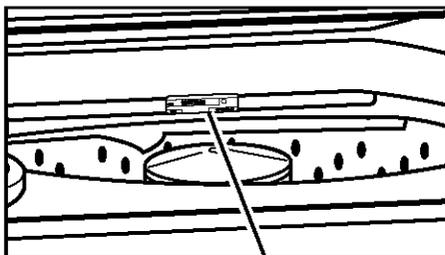
For more information about the care and operation of Kenmore appliances call your nearest Sears store. You will need the complete model and serial numbers when requesting information. Your washer's model and serial numbers are located on the Model and Serial Number Plate.

Use the space below to record the model number and serial number of your new Kenmore washer.

Model No. _____

Serial No. _____

Date of Purchase _____



Model and Serial
Number Plate

Keep this book and your Sears Sales check (receipt) in a safe place for future reference.

KENMORE AUTOMATIC 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. You will be charged for labor after the first year.

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. You will be charged for labor after the first year.

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. You will be charged for labor after the first year.

Limited 2-Year Warranty on Electronic Control Board

For two years from the date of purchase, Sears will replace the electronic 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 "Spreckle" Porcelain Basket

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 replace the "spreckle" (speckled surface) porcelain wash basket if it chips or rusts due to defective material or workmanship.

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.

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.

Warranty Service

Warranty service is available by contacting your nearest Sears Service Center in the United States or Canada.

This warranty applies only while this washer is used in the United States or Canada.

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

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

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

*In Canada a different warranty may apply.

In the U.S. for Sears warranty information or to contact a Sears Service Center, call 1-800-4-MY-HOMESM (1-800-469-4663).

In Canada, call 1-877-533-6937.

ENGLISH

WASHER SAFETY

Your safety and the safety of others is 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 hazards that can kill or hurt you and others. All safety messages will be preceded by the safety alert symbol and the word "DANGER" or "WARNING". These words mean:

⚠ DANGER

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

⚠ WARNING

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

All safety messages will identify the hazard, 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 your 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 a 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 lid.
- Do not reach into the washer if the tub or agitator is moving.
- Do not install or store this 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 the Owner's Manual or in published user-repair instructions that you understand and have the skills to carry out.
- See Installation Instructions for grounding requirements.

SAVE THESE INSTRUCTIONS

INSTALLATION INSTRUCTIONS

INSTALLATION OVERVIEW

For a complete list of tools and parts needed, see pages 7-9.

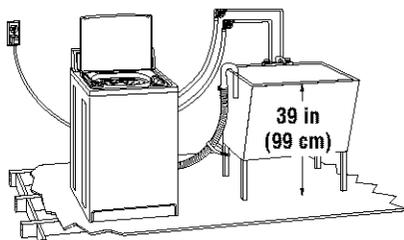
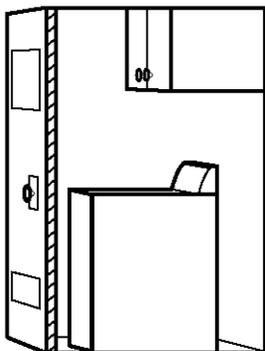
A. SELECT LOCATION

FOR YOUR WASHER (pgs. 11-13)

Recessed Area/

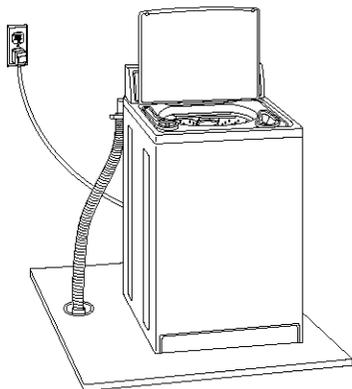
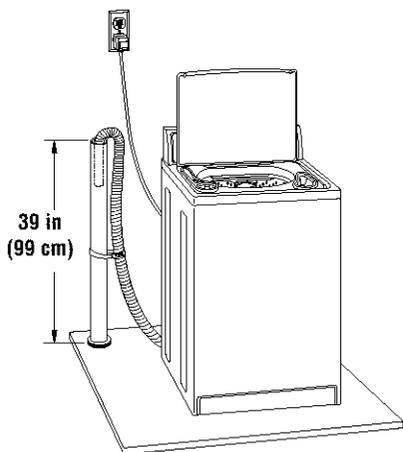
Closet Installation Instructions (p. 11)

Laundry Tub Drain System (p. 12)

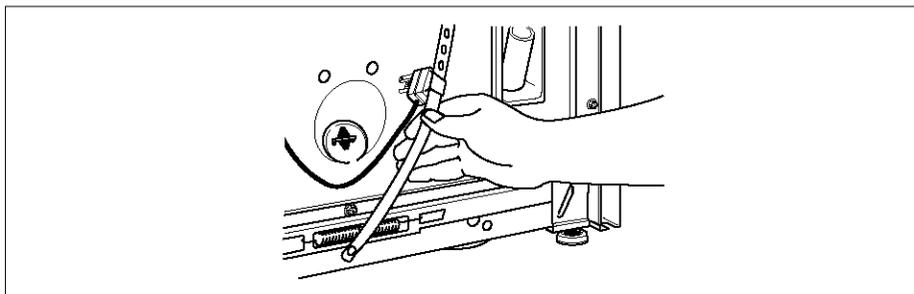


Standpipe Drain System (p. 13)

Floor Drain System (p. 13)



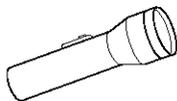
B. REMOVE SHIPPING STRAP (p. 14)



Tools Needed:

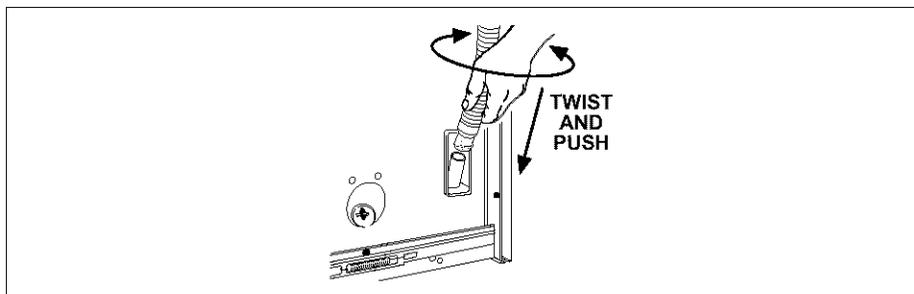


Scissors

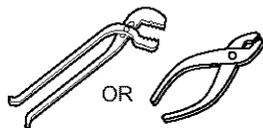


Flashlight (optional
depending on installation)

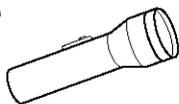
C. CONNECT DRAIN HOSE (pgs. 15-16)



Tools Needed:

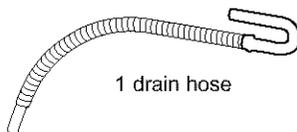


Pliers that open
to $1\frac{1}{8}$ in (3.95 cm)



Flashlight (optional
depending on installation)

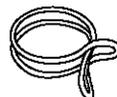
Parts Needed:



1 drain hose

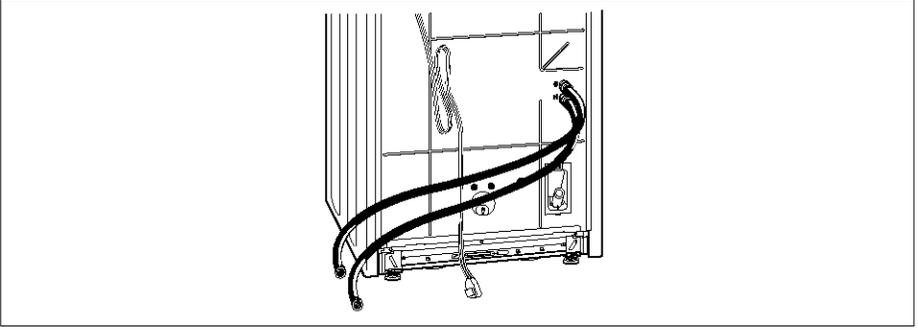


1 yellow, single-wire
hose clamp (top of
drain hose)

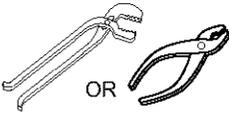


1 silver, double-wire
hose clamp (bottom of
drain hose)

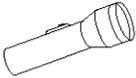
D. CONNECT INLET HOSES TO WASHER (pgs. 16-17)



Tools Needed:

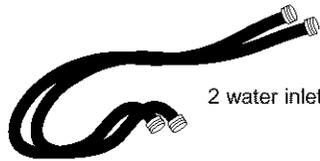


Pliers that open to $1\frac{1}{8}$ in (3.95 cm)

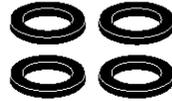


Flashlight (optional depending on installation)

Parts Needed:

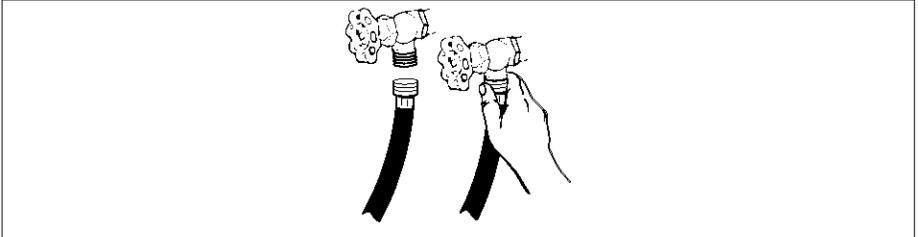


2 water inlet hoses

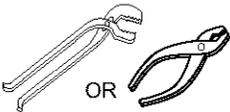


4 flat water inlet hose washers

E. CONNECT INLET HOSES TO WATER FAUCETS (pg. 17)



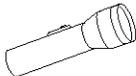
Tools Needed:



Pliers that open to $1\frac{1}{8}$ in (3.95 cm)

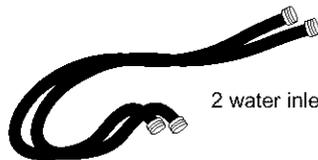


Bucket (optional depending on installation)



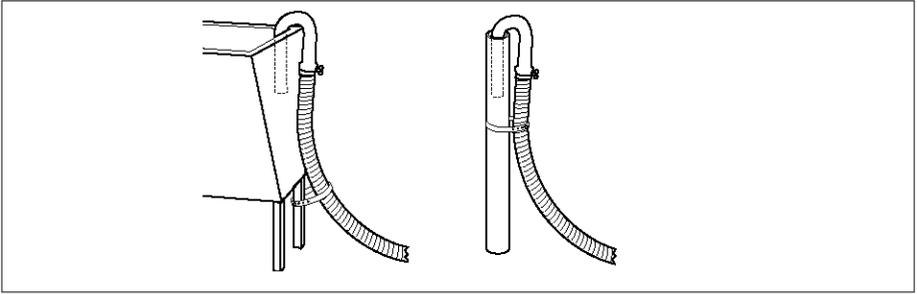
Flashlight (optional depending on installation)

Parts Needed:



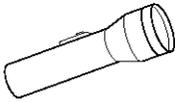
2 water inlet hoses

F. SECURE DRAIN HOSE (p. 18)

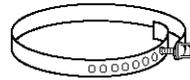


Tools Needed:

Parts Needed:

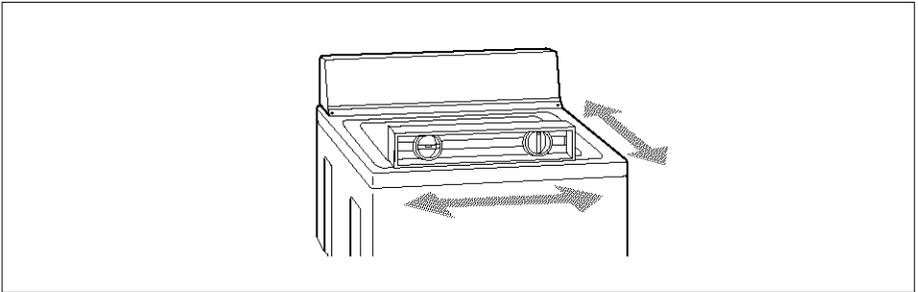


Flashlight (optional depending on installation)



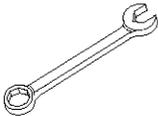
Shipping strap with fastener

G. LEVEL WASHER (p. 19)

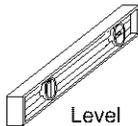


Tools Needed:

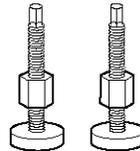
Parts Needed:



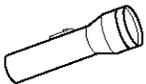
$\frac{5}{16}$ -in (1.45 cm) open-end wrench



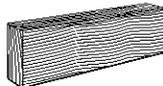
Level



2 front leveling legs with nuts (supplied with washer)



Flashlight (optional depending on installation)



Wood block

for your **Benefit**

Selecting the proper location for your washer will improve its performance and minimize concerns like washer walk or noise.

ELECTRICAL REQUIREMENTS

120-Volt, 60-Hz., AC-only, 15- or 20-ampere fused electrical supply is required. (Time-delay fuse or circuit breaker is recommended.) Connect to an individual branch circuit.

⚠WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

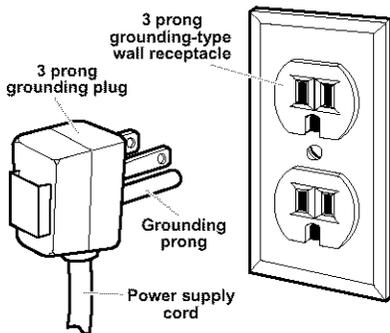
Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

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

This washer is equipped with a power supply cord having a 3-prong grounding plug. To minimize possible shock hazard, you must plug the power supply cord into a mating 3-prong grounding-type wall receptacle, grounded in accordance with National Electrical Code, ANSI/NFPA 70-latest edition and all local codes and ordinances.



- For a grounded, cord-connected washer:

GROUNDING INSTRUCTIONS

This washer must be grounded. In the event of 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:

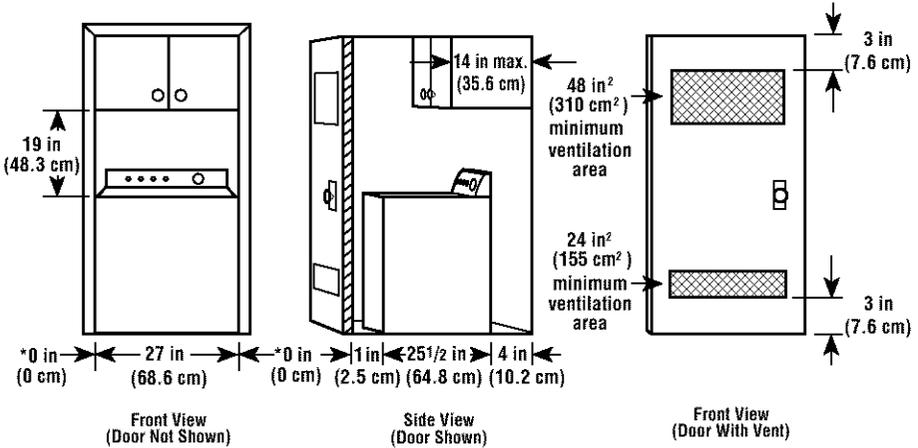
GROUNDING INSTRUCTIONS

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.

A. SELECT LOCATION FOR YOUR WASHER –

RECESSED AREA/ CLOSET INSTALLATION INSTRUCTIONS

This washer may be installed in a recessed area or closet.



*Additional clearance for wall, door and floor moldings may be required.

To reduce transfer of washer sounds, a clearance of 1 in (2.5 cm) on the sides of the washer is recommended.

- The installation spacing is in inches (centimeters) and is the minimum allowable.
- Allow additional space if other appliances are to be installed in the area.
- If closet door is installed, the minimum air openings in top and bottom are required. Louvered doors with equivalent air openings in top and bottom are acceptable.

ENGLISH

LAUNDRY TUB DRAIN SYSTEM

Check location where washer will be installed. This washer can be installed using one of three systems:

- Laundry tub drain system (below)
- Standpipe drain system (p. 13)
- Floor drain system (p. 13)

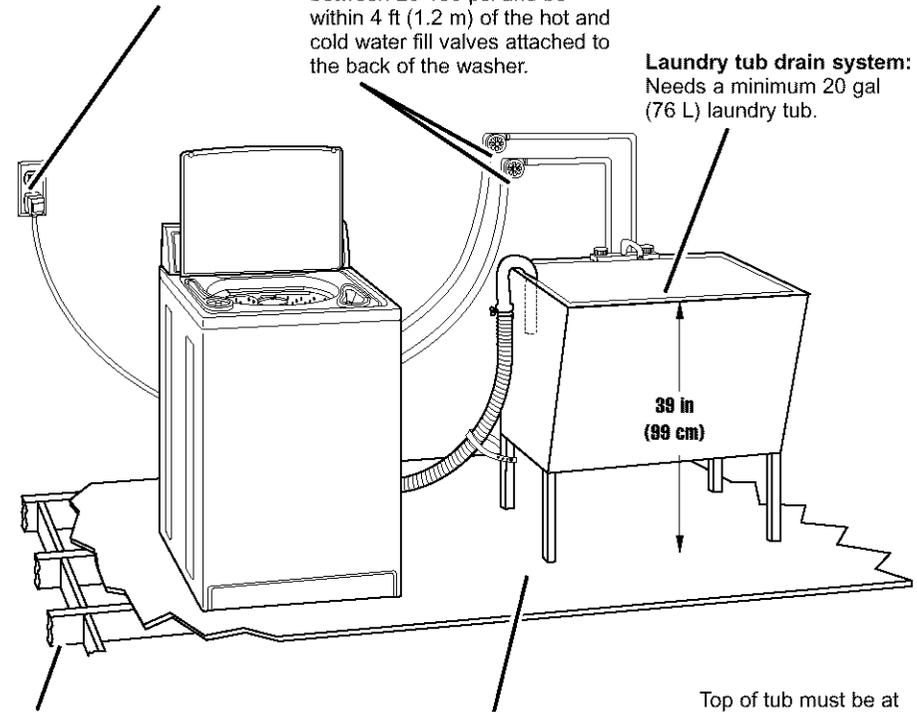
Do not store or operate washer at or below 32°F (0°C) (some water may remain in washer). See page 41 for winterizing information.

Proper installation is your responsibility. Make sure you have everything necessary for correct installation including the following points:

Grounded receptacle: Must be within 4 ft (1.2 m) of where the power cord is attached to the back of the washer.

Hot and cold water faucets: Must provide water pressure between 20-100 psi and be within 4 ft (1.2 m) of the hot and cold water fill valves attached to the back of the washer.

Laundry tub drain system: Needs a minimum 20 gal (76 L) laundry tub.

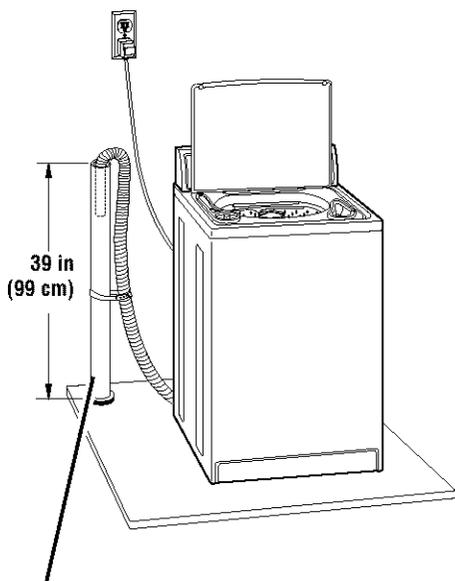


Support: Floor must be sturdy enough to support a total weight of 315 lbs (143 kg) (including washer, water, and load weight).

Level floor: Maximum allowable slope under entire washer – 1 in (2.5 cm).

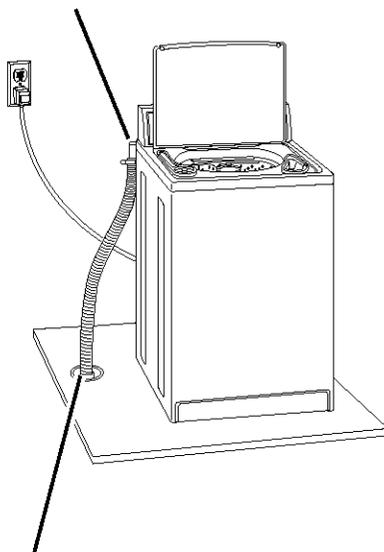
Top of tub must be at least 39 in (99 cm) above floor and no higher than 96 in (2.4 m) from bottom of washer.

ALTERNATE LOCATIONS – STANDPIPE AND FLOOR DRAIN SYSTEMS



Standpipe drain system: Needs a 2 in (5 cm) minimum diameter standpipe with minimum carry-away capacity of 17 gal (64 L) per minute. Top of standpipe must be at least 39 in (99 cm) above floor and no higher than 96 in (2.4 m) from bottom of washer.

Siphon break: Must be purchased separately. See chart below.



Floor drain system: Requires a siphon break, see chart below. A minimum carry-away capacity of 17 gal (64 L) per minute is required.

ENGLISH

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 and sump pump (available from local plumbing suppliers)
Floor drain	Siphon break, Part No. 285320; additional drain hose, Part No. 3357090; and Connector Kit, Part No. 285442

Parts listed are available from your local Sears store or Sears Service Center. In the United States, call 1-800-366-PART (1-800-366-7278). In Canada, call 1-877-533-6937.

B. REMOVE SHIPPING STRAP

for your Benefit

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

⚠ WARNING

Excessive Weight Hazard

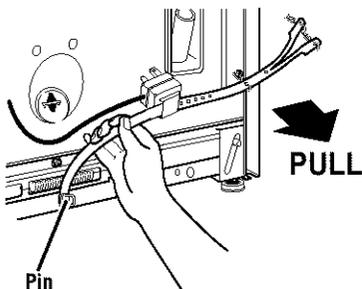
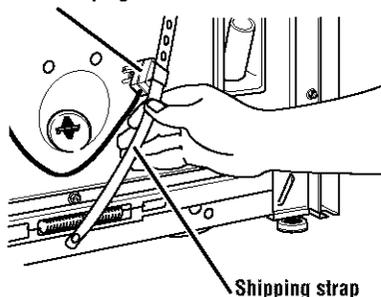
Use two or more people to move and install washer.

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

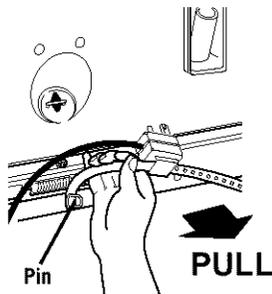
To prevent floor damage, set washer onto cardboard before moving across floor. Move washer close to its final location.

STEP 1. Do not cut yellow strap. Pull yellow strap firmly, until completely removed from washer. Depending on your model, there should 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.

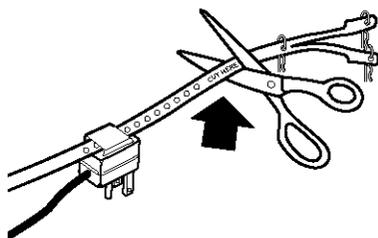
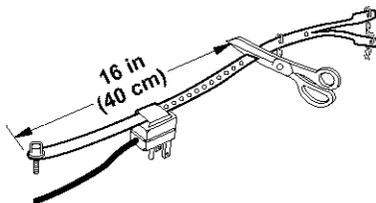
Electrical plug



STEP 2. Pull firmly to remove the other end of the shipping strap pinned to the back of washer. This will release the rear self-leveling legs.



STEP 3. Cut the shipping strap about 16 in (40 cm) from plug end. Look for the words "CUT HERE." Discard end with the cotter pins. **Slide remainder of shipping strap free from the electrical plug.** You will use this to secure the drain hose.



C. CONNECT DRAIN HOSE

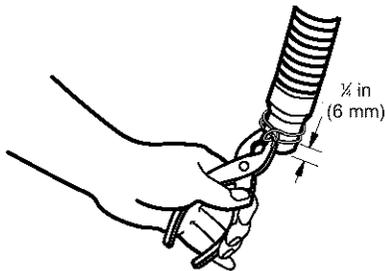
for your **Benefit**

Proper connection of the drain hose will protect your floors from damage due to water leakage.

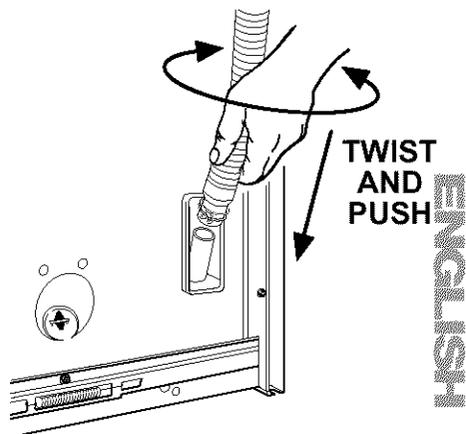
STEP 1. To prevent the drain hose from coming off or leaking, it must be installed per the following instructions:

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

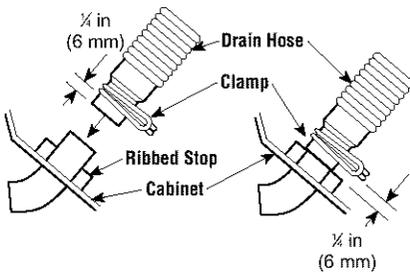
- Wet the inside of the straight end of the drain hose with tap water. **DO NOT USE ANY OTHER LUBRICANT.**
- Squeeze ears of silver, double-wire clamp with pliers to open. Place clamp over the straight end of the drain hose $\frac{1}{4}$ in (6 mm) from the end.



- 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.



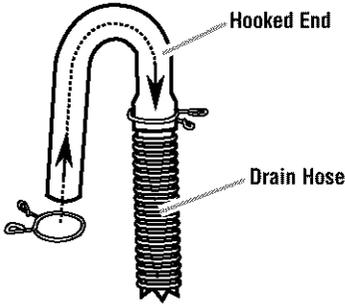
If you have:	You will need to buy:
Drain hose that is too short	Drain hose, Part No. 388423 and hose kit, Part No. 285442
Drain hose that is too long	Hose kit, Part No. 285442
A problem with lint clogging your drain	Drain protector, Part No. 367031

Parts listed are available from your local Sears store or Sears Service Center. In the United States, call 1-800-366-PART (1-800-366-7278). In Canada, call 1-877-533-6937.

ENGLISH

For standpipe or laundry tub drain systems:

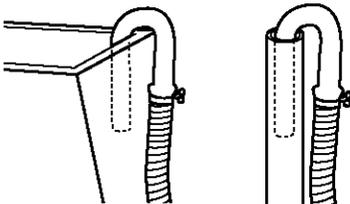
STEP 2. Open yellow, single-wire clamp with pliers and slide over hooked end of drain hose to secure the rubber and corrugated sections together.



STEP 3. Put hooked end of drain hose into laundry tub or standpipe. Check for proper length of drain hose. Rotate hook to eliminate kinks.

To prevent drain water from going back into the washer:

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



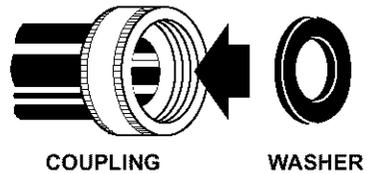
D. CONNECT INLET HOSES TO WASHER

for your Benefit

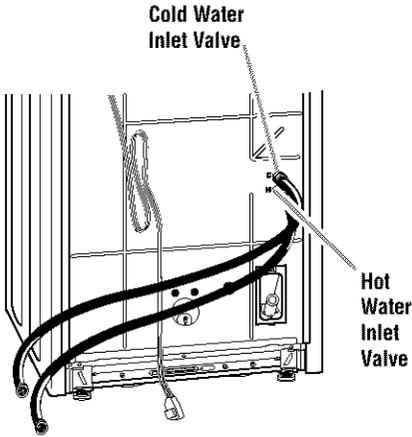
Proper connection of your inlet hoses will allow hot and cold water to enter your washer properly. We recommend connecting both the hot and cold water inlet hoses for optimal performance of your washer. If you only connect one water hose, you must cap off the remaining water inlet port.

NOTE: 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.

STEP 1. Insert one new, flat washer (from the parts bag) into each end of the inlet hoses. Check that washers are firmly seated in couplings.



STEP 2. Attach the hose with the red coupling to the hot water (bottom) inlet valve. Attaching the red coupling first makes it easier to tighten connection with pliers. Screw on coupling by hand. Make an additional two-thirds turn with pliers to tighten coupling. **DO NOT OVERTIGHTEN**; this could damage the valves.



E. CONNECT INLET HOSES TO WATER FAUCETS

STEP 1. Make sure washer basket is empty. Run water through both faucets into a bucket or laundry tub to get rid of particles in the water lines that might clog hoses. Determine which faucet is hot and which is cold. Mark the hot water faucet.



STEP 2. Attach the hose with the red coupling to the hot water faucet. Screw on coupling by hand. Make an additional two-thirds turn with pliers to tighten coupling. **DO NOT OVERTIGHTEN**; this could damage the coupling.

STEP 3. Attach the hose with the blue coupling to the cold water faucet. Screw on coupling by hand. Make an additional two-thirds turn with pliers to tighten coupling. **DO NOT OVERTIGHTEN**; this could damage the coupling.

STEP 4. Turn on water faucets and check for leaks. A small amount of water may enter the washer. You will drain this later.

STEP 3. Attach the hose with the blue coupling to the cold water (top) inlet valve. Screw on coupling by hand. Make an additional two-thirds turn with pliers to tighten coupling. **DO NOT OVERTIGHTEN**; this could damage valves.

ENGLISH

If you have:

Water faucets beyond the reach of water fill hoses

You will need to buy:

2 longer water fill hoses:
6 ft (1.8 m), Part No. 76314
10 ft (3.0 m), Part No. 350008

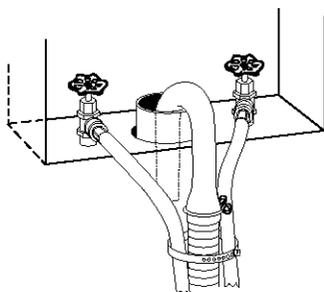
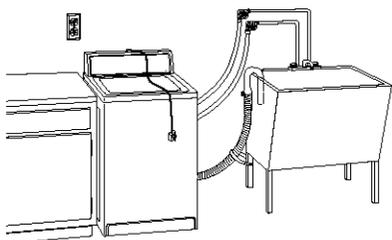
Parts listed are available from your local Sears store or Sears Service Center. In the United States, call 1-800-366-PART (1-800-366-7278). In Canada, call 1-877-533-6937.

F. SECURE DRAIN HOSE

for your **Benefit**

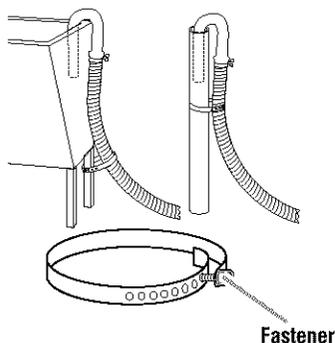
Securing the drain hose properly will protect your floors from damage due to water leakage.

STEP 1. Move washer to its final location.



STEP 2. Locate the remaining piece of shipping strap (not the end with the cotter pins) from STEP 3 of "REMOVE SHIPPING STRAP." Use it to wrap the drain hose together with the laundry tub or standpipe. Push fastener into the nearest hole in the shipping strap.

If the water faucets and drain standpipe are recessed, put hooked end of drain hose in standpipe. Tightly wrap the shipping strap around the drain hose and water inlet hoses (not the handles or stems). Push fastener into the nearest hole in the shipping strap.



G. LEVEL WASHER

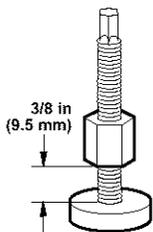
for your **Benefit**

Leveling your washer properly prevents excessive noise and vibration.

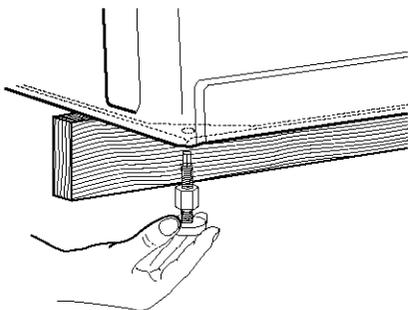
To install front legs:

STEP 1. Prop front of washer up (about 4 in [10.2 cm]). Use a wood block or another object that will support the weight of the washer. If washer was placed against a wall, move the washer out slightly before tipping it up.

STEP 2. With one of the legs in hand, screw lock nut onto leg $\frac{3}{8}$ in (9.5 mm) from top of leg base. This is the recommended initial setting.



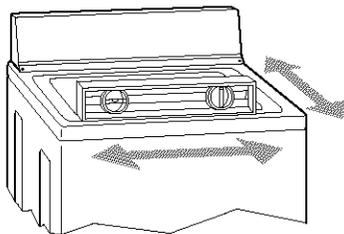
STEP 3. Screw leg into washer base by hand until nut reaches washer base. Repeat for other leg.



STEP 4. Tilt washer backward until front of washer is off the wood block. Remove wood block. Gently lower washer to floor.

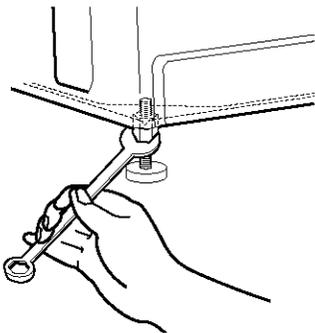
STEP 5. Move washer to its final location.

STEP 6. Tilt washer forward until rear of washer is at least 3 in (7.6 cm) off floor. You may hear the self-adjusting rear legs click into place. Lower washer to floor. Check levelness of the washer by placing a level on top of the washer, first side-to-side; then front-to-back.



STEP 7. If washer is not level, prop up the front of the washer and adjust the legs up or down as necessary. Lower washer and reset self-adjusting rear legs (as in Step 6). Repeat Step 7 until the washer is level.

STEP 8. When washer is in its final location and level, use a $\frac{3}{8}$ in (1.43 cm) open-end wrench to turn nuts on front legs tightly against washer cabinet. If nuts are not tight against washer cabinet, the washer may vibrate.



REVIEW INSTALLATION

for your **Benefit**

Take a few minutes to complete this checklist. It will help assure you that you have a proper installation and increase your satisfaction with your Kenmore washer.

- Check electrical requirements.
Be sure you have correct electrical supply and recommended grounding method.
 - Check that you have:
 - All the tools you started with.
 - Removed all packaging materials.
 - Removed shipping strap with cotter pins.
 - Installed all parts listed on pages 7-9.
 - Check that:
 - The washer is level.
 - The nuts on the front legs are tight.
 - Check that the water faucets are turned on.
-

FINAL STEPS

- Plug power supply cord into grounded outlet.
- Remove the blue protective film on the console and any tape remaining on washer.
- Take a few minutes and read the Operating Instructions (pages 21-38) to fully understand your new washer. Then, start the washer and allow it to complete the HEAVY DUTY Cycle.

OPERATING YOUR WASHER

for your **Benefit**

To get the maximum cleaning and fabric care from your washer, please read and follow these instructions.

⚠ 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).

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

LID INSTRUCTIONS

These instructions are found under the lid of your washer.

DISPENSERS

POWDER or LIQUID DETERGENT



Dissolves powder or liquid detergents before applying to load. When desired add powder or liquid color safe bleach to this dispenser.

LIQUID CHLORINE BLEACH



Dilutes liquid chlorine bleach and adds it to the wash at the right time to prevent bleach spotting. DO NOT ADD POWDER OR LIQUID COLOR SAFE BLEACH TO THIS DISPENSER.

FABRIC SOFTENER



Dilutes fabric softener and adds it to the rinse at the correct time to prevent softener staining.

(continued on next page)

OPERATING SUGGESTIONS

1. **SELECT CYCLE**----- These cycles are preprogrammed to provide the best washing performance and fabric care.
2. **PUSH START BUTTON**----- Lid must be closed to complete cycle.
- OR -
3. **SELECT & ADJUST - OPTIONS and MODIFIERS.**

Make these selections to personalize your washing technique before you push **START**.

- **CATALYST** ----- Add to any cycle. Removes tough soils and everyday stains.
- **RINSE OPTIONS** ----- Provides additional rinsing and spinning.
- **WATER LEVEL** ----- Adjust to load size.
- **WASH/RINSE TEMP** ----- Adjust to type of fabric and soil. Use **AUTO TEMP** selections for best wash performance.

GARMENT CARE SYMBOL	WASHER CYCLE	CATALYST	FABRIC / LOAD TYPE
	HEAVY DUTY	AUTO ON	DENIMS, TOWELS; EXTRA DIRTY
	REGULAR	SELECTABLE	COTTONS
	PERMANENT PRESS	SELECTABLE	SYNTHETICS
	HANDWASH / CASUAL	SELECTABLE	KNITS
	ULTRA HANDWASH	SELECTABLE	LINGERIE
	EXPRESS WASH	SELECTABLE	COTTONS
	WHITEST WHITES	AUTO ON	HEAVILY SOILED WHITE LOADS

GARMENT CARE SYMBOL	WATER TEMP SETTING	BLEACH RECOMMENDATION
•••	HOT WASH	
••	WARM WASH	
•	COLD WASH	
		ANY BLEACH
		NON-CHLORINE BLEACH
		DO NOT BLEACH

It's best to wash stains as soon as possible.

	Select Catalyst™	Use liquid chlorine bleach if safe for fabric. Place in dispenser.	Use hottest wash temperature safe for fabric.
 Ball Point Pen, Ink	YES	✓	WARM or HOT
 Blood	YES	✓	COLD or WARM
 Chocolate, Coffee	YES	✓	WARM or HOT
 Cosmetics	YES		WARM or HOT
 Cream, Milk, Ice Cream	YES	✓	WARM or HOT
 Dirty Mechanical Oil	YES		WARM or HOT
 Grape, Wine	YES	✓	WARM or HOT
 Grass	YES	✓	WARM or HOT
 Ketchup, Tomato Products	YES	✓	WARM or HOT
 Mud	YES	✓	WARM or HOT
 Perspiration, Deodorants	YES		WARM or HOT
 Ring around the Collar	YES	✓	WARM or HOT

- Do not tumble dry soiled or stained items. Heat may permanently set stains.
- For additional information regarding stains refer to owners manual.

OPERATING YOUR WASHER

STARTING YOUR WASHER

STEP 1. Place a load of sorted clothes in the washer. Add measured detergent directly into dispenser (details on page 34).

STEP 2. Add measured liquid chlorine bleach to the liquid chlorine bleach dispenser, if desired (details on page 35).

STEP 3. Add measured liquid fabric softener to the fabric softener dispenser, if desired (details on page 36).

STEP 4. Close washer lid.

STEP 5. Select the cycle you want by pressing one of the pads under **SELECT CYCLE A** (details on pages 27-28). This will turn the washer display on.

STEP 6. (OPTIONAL STEP) If desired, set **OPTIONS B** for your wash by pressing the pads for **CATALYST™**, **SOAK** and/or **RINSE OPTIONS** (details on page 28-29).

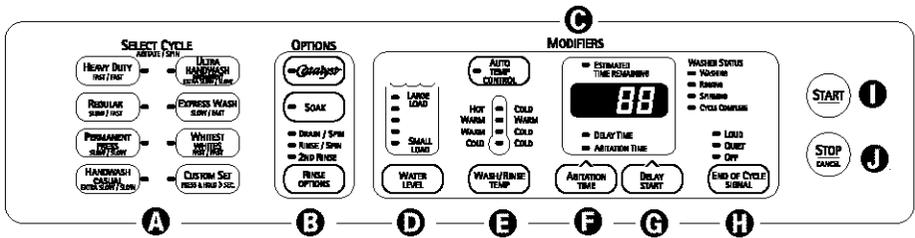
STEP 7. Select the **WATER LEVEL D**, **WASH/RINSE TEMP E**, **AGITATION TIME F**, and/or **DELAY START G**, and **SIGNAL H** settings that are indicated on your **MODIFIERS C** display (details on pages 29-32).

STEP 8. Press **START I**. The wash cycle will begin. The **ESTIMATED TIME REMAINING** will be displayed.

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

PAUSING/RESTARTING YOUR WASHER

- To pause the washer at any time, press **STOP/CANCEL J**.
- To restart the washer, close the lid and press **START I**.



CHANGING CYCLES/OPTIONS/ MODIFIERS

The Cycles, Options and Modifiers selected 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.

To change Options/Modifiers:

The Options and Modifiers can be adjusted prior to the event occurring.

STEP 1. Press STOP/CANCEL once. This will stop the washer.

STEP 2. Select desired Options and/or Modifiers.

STEP 3. Press START to restart the washer.



To change cycles:

STEP 1. Press STOP/CANCEL twice.

STEP 2. Select desired wash cycle.

STEP 3. Press START to restart the washer at the beginning of the new cycle. If you do not press START within 5 minutes of pausing, the washer will automatically shut off.

for your **Benefit**

For ease of use, there are preset cycle settings that will provide the recommended fabric care settings for each cycle.

PRESET CYCLE SETTINGS

To use the Preset Cycle Settings:

STEP 1. Select the cycle you want by pressing one of the pads under SELECT CYCLE. The preset cycle settings (as listed in the chart below) will be displayed.

STEP 2. Press START. The wash cycle will begin.

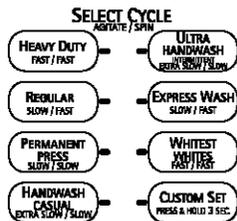
PRESET CYCLE SETTINGS			
Cycle	Agitation Time	Water Level	Wash/Rinse Temperature
HEAVY DUTY	12 minutes	Large	Warm/Cold
REGULAR	10 minutes	Large	Warm/Cold
PERMANENT PRESS	8 minutes	Large	Warm/Cold
HANDWASH CASUAL	6 minutes	Medium	Warm/Cold
ULTRA HANDWASH	4 minutes (agitation and soaking)	Small	Cold/Cold
EXPRESS WASH	4 minutes	Small	Warm/Warm
WHITEST WHITES	12 minutes	Large	Hot/Cold
SOAK	10 minutes	Large	Warm/Cold
RINSE & SPIN	4 minutes [†] (slow speed agitation)	Large	Warm/Cold
DRAIN & SPIN	6 minutes [†] (fast speed spin)	N/A	N/A

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

CHOOSING CYCLES

(SELECT CYCLE Pads)

Use these pads to choose the right wash cycle for the type of fabrics you are washing.



for your Benefit

For improved fabric care at water levels below medium, the wash action will automatically change. This change will happen in every cycle except HANDWASH CASUAL and ULTRA HANDWASH.

- For most loads, use the time recommended in the preset cycle settings.
- For heavy soil and sturdy fabrics, use more time.
- For light soil and delicate fabrics, use less time.

HEAVY DUTY

Use this cycle to get between 4 and 18 minutes of wash time for loads of sturdy, colorfast fabrics such as work clothes. Cycle combines fast speed agitation and fast spin speeds. The preset wash time for this cycle is 12 minutes.

REGULAR

Use this cycle to get between 4 and 18 minutes of wash time for normally soiled cottons and linens. Cycle combines slow speed agitation and fast spin speeds. The preset wash time for this cycle is 10 minutes.

PERMANENT PRESS

for your Benefit

The PERMANENT PRESS Cycle includes a load cooling process that reduces wrinkling compared to other cycles.

To begin the cooling process, the washer will drain approximately $\frac{1}{2}$ of the wash water. There will be a brief pause, and then the washer will fill at the selected rinse temperature. This cools the load before the first spin.

You can select 4 to 18 minutes of wash time for use with no-iron fabrics, sport shirts, blouses and cotton slacks. For maximum benefit in reducing wrinkles, do not select a WARM rinse temperature.

This cycle includes a deep rinse at fast speed agitation with "stepped" spin speeds (spins start at an extra-slow speed and move to slow speed before finishing at a fast speed) to reduce wrinkling. The preset wash time for this cycle is 8 minutes.

HANDWASH CASUAL

Use this cycle to get 4 to 18 minutes of extra-slow speed agitation for sheer fabrics and lingerie. The agitation is followed by a deep rinse and a slow spin speed. The preset wash time for this cycle is 6 minutes.

ULTRA HANDWASH

Use this cycle for garments labeled "Hand Wash" and special care items. Gentle cleaning starts with a continuous spray of water and detergent mixture as the load is spun at low speed. This lasts for about one minute. The washer then fills to the selected water level. The wash action is similar to the way you would hand wash garments in the sink. It does this with periods of extra-slow agitation and soaking. Select 4 to 18 minutes of wash agitation time. Slow spin speeds help reduce wrinkling. The preset wash time for this cycle is 4 minutes.

Garments are labeled "Hand Wash" because:

- The fiber construction may be sensitive to agitation.
- The fabric contains sensitive dyes that may bleed.

NOTE: Some "Hand Wash" items, particularly wool, naturally shrink when washed. Keep this in mind when you purchase items labeled "Hand Wash." Items that shrink should be dried flat. When still wet, block these items by gently stretching to original measurements. Do not use ULTRA HANDWASH for large items like blankets.

CHOOSING CYCLES (Continued)

EXPRESS WASH

Fast cleaning starts with a continuous spray of water and detergent mixture as the load is spun at low speed. Choose 4 to 10 minutes of wash time for small, lightly soiled loads that need refreshing. For the fastest cycle, select small water level and warm wash. The preset wash time for this cycle is 4 minutes.

WHITEST WHITES

for your **Benefit**

Detergent and bleach are dispensed at the proper time for the best possible performance.

This cycle introduces liquid chlorine bleach to the load sooner than the other cycles for improved whitening of your heavily soiled white fabrics. For maximum soil and stain removal, liquid chlorine bleach must be used. The preset wash time for this cycle is 12 minutes.

CUSTOM SET

This cycle allows you to store a customized wash cycle.

To Custom Set a wash cycle:

STEP 1. Select cycle.

STEP 2. Select the desired Options.

STEP 3. Select the desired Modifiers.

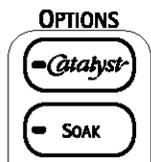
STEP 4. Press and hold CUSTOM SET until a beep sounds (approximately 3 seconds).

STEP 5. Press START.

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

CHOOSING OPTIONS

Use this control to select the desired options for your wash cycle.



CATALYST™

for your **Benefit**

CATALYST™ allows soap to soak and penetrate the entire load providing improved stain and soil removal.

CATALYST™ uses your detergent in a unique way. Water flushes the detergent from the dispenser to dissolve the detergent. Then the detergent mixture is sprayed onto the load while the washer spins at low speed.

CATALYST™ 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.

NOTES:

- For best results with CATALYST™, the load should be dry at the start of the cycle.
- The CATALYST™ process reduces the need for pre-treatments. Stubborn and set-in stains may require additional treatment.

SOAK

Use SOAK for set-in stains and soil that need extra time for removal. The SOAK option can be used in two different ways:

- Choosing SOAK with a cycle gives a brief period of soak added to the wash time.
- Choosing SOAK only gives up to 60 minutes of soak time. SOAK only should be followed by a wash cycle with additional detergent added.

SOAK with a cycle:

STEP 1. Place a load of sorted clothes in the washer. Add measured detergent to the detergent dispenser.

STEP 2. Select the cycle you want by pressing one of the pads under SELECT CYCLE.

STEP 3. Select SOAK from the Options pads.

STEP 4. Select the desired WATER LEVEL, WASH/RINSE TEMP and AGITATION TIME from the Modifiers pads.

STEP 5. Press START. The washer will agitate briefly and then begin the SOAK. The amount of soak time varies for each cycle but is not longer than 12 minutes. After soaking, the washer will agitate again, then drain and spin.

SOAK only:

STEP 1. Place a load of sorted clothes in the washer. Add measured detergent to the detergent dispenser.

STEP 2. Select SOAK from the Options pads.

STEP 3. Select the desired WATER LEVEL.

STEP 4. Choose the desired soak temperature from the WASH/RINSE TEMP pad.

STEP 5. Select 10 to 60 minutes of soak time with the AGITATION TIME pad.

STEP 6. Press START.

The washer agitates briefly and then soaks. After soaking, the washer agitates again followed by drain and spin. When SOAK is used alone, it should be followed by a wash cycle with additional detergent added.

RINSE OPTIONS

Selecting this option allows you to choose a DRAIN/SPIN, RINSE/SPIN or 2ND RINSE.



To select a Rinse Options setting:

Press RINSE OPTIONS until the indicator light next to the desired setting glows.

DRAIN/SPIN

Use this cycle to drain the washer and spin the load. The spin will be 6 minutes at high speed.

When to use Drain/Spin:

- To drain the washer after canceling a cycle.
- To complete a cycle after the power has been off.
- To shorten drying times for some heavy fabrics.
- To remove water from rain wear or beach towels, etc.

To use Drain/Spin:

STEP 1. Press DRAIN/SPIN

STEP 2. Press START.

RINSE/SPIN

Use this option to get a deep rinse with slow-speed agitation followed by a drain and two-step spin. (The spin begins at high speed and steps down to low speed.) The time display will include an estimate of how long it will take to fill and drain the washer.

When to use Rinse/Spin:

- For loads that need rinsing only.
- When using extra detergent with a load.
- For completing a cycle after the power has been off.
- To add fabric softener to clothes.

To use or change Rinse/Spin settings:

STEP 1. Add fabric softener to the dispenser (if desired).

STEP 2. Press the RINSE OPTIONS Control until the RINSE/SPIN indicator light glows.

STEP 3. Press START.

2ND RINSE

Selecting this option provides a second deep rinse with the same water temperature as selected for the first rinse. 2ND Rinse can be added to any main wash cycle.

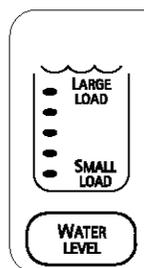
CHOOSING MODIFIERS

These controls allow you to select the desired WATER LEVEL, WASH/RINSE TEMP, AGITATION TIME, DELAY START or END OF CYCLE SIGNAL.

WATER LEVEL CONTROL

for your **Benefit**

This control gives you the flexibility to save water when washing small loads.



Your washer lets you select a water level setting based on the size of your wash load.

You can select up to 5 different water levels ranging from SMALL LOAD to LARGE LOAD.

- Adjust water level up or down depending on your load size. Clothes should move freely and roll toward the agitator.

- To change to a higher water level setting after the washer has started to agitate, press WATER LEVEL.

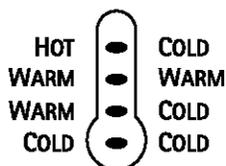
NOTE: When you select a water level below medium, the washer automatically lowers the agitation speed in order to provide improved fabric care. This change happens in every cycle except HANDWASH CASUAL and ULTRA HANDWASH.

- Warm rinse water will leave loads dryer after the spin cycle than if you use cold rinse water. However, warm rinses may increase wrinkling when line drying.
- In cold climates, warm rinse water also provides a more comfortable temperature for handling the wash load.

WASH/RINSE TEMP CONTROL

Select a wash and rinse water temperature setting based on the type of load you are washing.

- The WASH/RINSE TEMP Control adjusts the temperature of the wash and rinse water.



SELECTING WATER TEMPERATURES		
Wash Water Temperature	Suggested Fabrics	Comments
HOT 111°F (44°C) or above	<ul style="list-style-type: none"> • Work clothes • Sturdy whites/ colorfast pastels • Diapers 	<ul style="list-style-type: none"> • Best cleaning for heavily soiled items • Removes oils, perspiration, greasy soils and stains • Prevents graying or yellowing
WARM 90°-110°F (32°-43°C)	<ul style="list-style-type: none"> • Dark/non-colorfast colors • Permanent press items • Nylon, polyester, acrylics, silks, woolens • Knits/delicate fabrics 	<ul style="list-style-type: none"> • Best for moderately soiled to lightly soiled items • Safe for most fabric finishes • Less fading and dye bleeding • Reduces wrinkling
COLD* 70°-90°F (21°-32°C)	<ul style="list-style-type: none"> • Extra-sensitive colors • Non-colorfast items • Hand washables 	<ul style="list-style-type: none"> • Best for very lightly soiled items • Saves hot water

* In wash water temperatures colder than 70°F (21°C), detergents do not dissolve well. Also, soils may be difficult to remove and some fabrics may retain wear wrinkles and have increased pilling – the formation of small lint-like balls on the surface of garments. Pilling is the natural result of wearing and washing of garments.

AUTOMATIC TEMPERATURE CONTROL (ATC)

for your **Benefit**

ATC takes away the worry of undissolved detergent and ensures consistent cleaning results from season to season with warm and cold washes.



ATC electronically senses and maintains a uniform water temperature by regulating incoming hot and cold water.

- Even in cold wash, some warm water is let into the washer to maintain a temperature of approximately 75°F (24°C). In very cold water, detergent may not dissolve and clothes will not be cleaned completely.
- Warm wash is regulated at approximately 100°F.
- Warm rinse is regulated at approximately 75°F (24°C). This may be a cooler warm rinse than what you are used to, but it saves energy and still gives you proper rinsing and a load that is comfortable to remove.
- The second fill in the Permanent Press Cycle is for cooling the load and uses unregulated cold water.

ATC can be turned on and off by pressing AUTO TEMP CONTROL.

AGITATION TIME

This pad allows you to increase or decrease the agitation time for any wash cycle. Minimum and maximum agitation times vary depending on the cycle selected (see pages 27-28).



Once a cycle is selected, the preset agitation time will be displayed.

- To increase the time, press AGITATION TIME (18 minutes maximum). To get less agitation time, continue pressing the pad until a shorter agitation time appears. The AGITATION TIME light will glow.
- When a wash cycle is started, the ESTIMATED TIME REMAINING for the cycle, including fills and drains, will be displayed. The time will count down to the end of the cycle. The ESTIMATED TIME REMAINING light will glow.
- Once the cycle has started, you cannot change the cycle time.



DELAY START

for your **Benefit**

You can use the Delay Start feature to delay the start of a wash cycle for up to nine hours.

STEP 1. Load the washer and fill the dispensers.

STEP 2. Close the washer lid.

STEP 3. Select the desired cycle, options and modifiers.

STEP 4. Press DELAY START. 1H (one hour) will be displayed in the time display window. The indicator light for Delay Time will glow.



STEP 5. For a longer delay time, press DELAY START. The time will increase by one hour up to 9, 10, or 11 hours depending on your model.

STEP 6. Press START. The countdown to the wash cycle will show in the time display window.

To change the Delay Time:

- Press STOP/CANCEL.
- Reset the DELAY START time.
- Press START to begin the countdown.

To cancel Delay Start:

Press START again to begin cycle.

ADJUSTABLE CYCLE SIGNAL

A tone will sound at the end of the wash cycle. The sound level of this tone can be adjusted from Loud to Off by pressing the END OF CYCLE SIGNAL. The tone you will hear at the end of the cycle will sound as the pads are pressed.

- LOUD
- QUIET
- OFF



INDICATOR LIGHTS

SELECT CYCLE

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

OPTIONS

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

MODIFIERS

These lights show the selected Water Level, Wash/Rinse Temp or ATC, Estimated Time Remaining, Agitation Time, Delay Time, Washer Status and Signal.

WASHER STATUS

These lights show which portion of the cycle the washer is operating: Washing, Rinsing, Spinning, or Cycle Complete.

OPERATING CONTROLS

START

Press START to start your washer after a cycle has been selected. Be sure all desired cycle adjustments and options have been selected.

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.

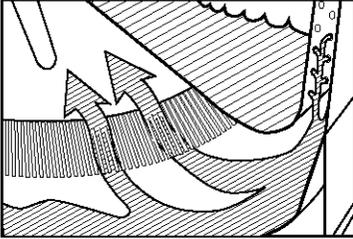


SELF-CLEANING LINT FILTER

for your **Benefit**

Lint is filtered from the load automatically – there's no messy cleanup.

Your washer features a self-cleaning filter that traps lint from the water while the washer is washing and deep rinsing the laundry. The trapped lint is flushed down the drain automatically. You don't have to clean the filter.



ULTRA QUIET PAK™

The ULTRA QUIET PAK™ System is designed to reduce water sounds and ringing noises. The cabinet and base are insulated with sound-dampening materials over which an additional tub wrap is added for superior vibration and sound-dampening characteristics. A sound-absorbing blanket under the motor and gearcase also helps to insulate the washer to reduce vibration noise.

TOTAL CARE™ AGITATOR

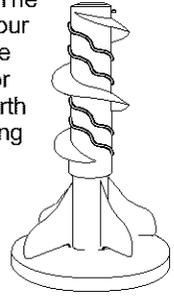
for your **Benefit**

Kenmore's exclusive TOTAL CARE™ Agitator has triple action agitation to give you the most flexible fabric care for even your largest loads.

The agitator moves in three directions, depending on load size, to ensure proper cleaning. The best cleaning action in your washer takes place at the bottom where the agitator vanes move back and forth to flex the fabric, loosening the soil.

The upper portion of the agitator features special vanes that push the clothes down in a spiraling pattern to where the cleaning action is, displacing the clothes that are there with a "roll-over" motion.

For your largest loads, the agitator offers a load-sensing feature that actually senses when you are washing a very large load and responds with a third, vertical motion that senses the load size and guides items to the bottom.



ENGLISH

UNDERSTANDING NORMAL WASHER SOUNDS

Your new washer may make sounds that your old one did not. Because the sounds are unfamiliar, you may be concerned about them.

The following describes some of the normal sounds you may hear and what causes them.

During Washing

When you select a small load size setting for a small wash load, your washer has a lower water level. With this lower water level, you may hear a clicking sound from the upper portion of the agitator. If you select CATALYST™, you will hear a spin/spray noise at the start of the cycle.

During Drain

The rate that water is drained from your washer depends on your installation. If water is drained quickly from the washer, you may hear air being pulled through the pump. This happens during the end of draining.

After Drain and Before Spin

When the cycle changes from draining to spinning, you may hear a noise as the gearcase shifts.

When Selecting a Cycle, Option, or Modifier

- A single tone will sound whenever a selection is accepted by the program.
- Three short tones will sound if an unavailable selection is made.
- The sound level of the selection tones is not adjustable.

USING YOUR TRIPLE DISPENSER

for your **Benefit**

The triple dispenser makes your washer truly automatic by making it unnecessary for you to return to the washer during the cycle to put in detergent, bleach, or fabric softener.

By using the triple dispenser, you will achieve proper fabric care by ensuring that detergent, bleach, and fabric softener are introduced into the washer at the proper time and properly diluted.

How It Works

The triple dispenser directs fresh water from the washer inlet valve to the dispensers.

The water directed to the dispenser will be warm if both faucets are turned on fully, regardless of wash or rinse temperature selections. This is to ensure good dilution of laundry products. The amount of warm water is not enough to harm delicate or non-colorfast fabrics.

USING THE DETERGENT DISPENSER

This dispenser will automatically dispense either liquid or powdered detergents. You may add liquid or powdered color-safe bleach to this dispenser as well.

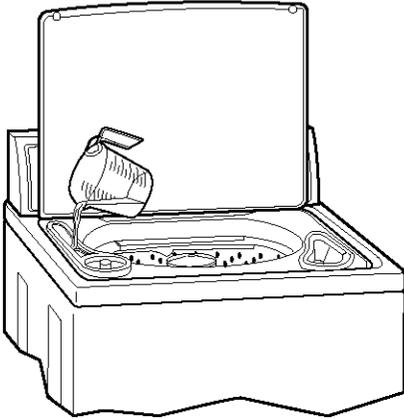


USING THE LIQUID CHLORINE BLEACH DISPENSER

for your **Benefit**

The liquid chlorine bleach dispenser automatically dispenses bleach at the proper time in the cycle to ensure the cleanest and brightest loads.

Always measure liquid chlorine bleach. Use a measuring cup, do not guess. Do not pour directly from bottle. Never use more than 1 cup (250 mL) for a full load. Use less with smaller loads. Follow manufacturer's directions for safe use. A cup with a pouring spout will help you avoid spilling.

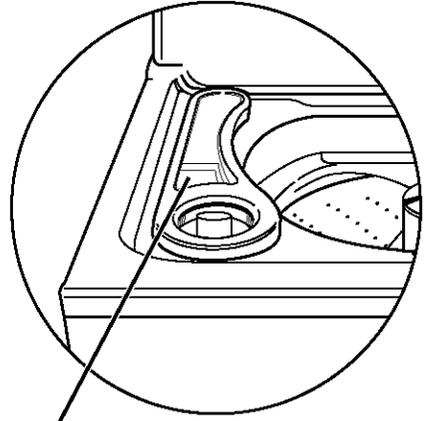


After loading the washer, pour measured liquid chlorine bleach carefully into the dispenser.

- Do not let bleach splash, drip, or run down into washer basket. Undiluted bleach will damage any fabric it touches.
- Start the washer. Bleach will be dispensed automatically after the detergent has had time to work.

NOTE: Do not use this dispenser to add powdered color-safe bleach to your wash load. The dispenser is for liquid chlorine bleach only. If desired, add powdered color-safe bleach to the detergent dispenser.

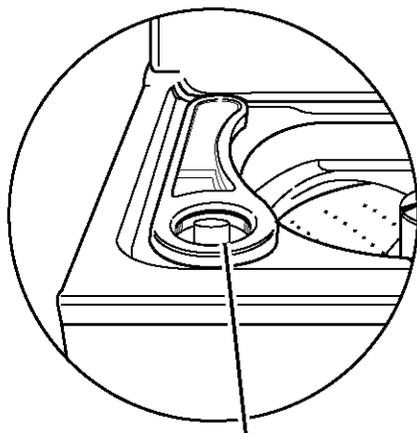
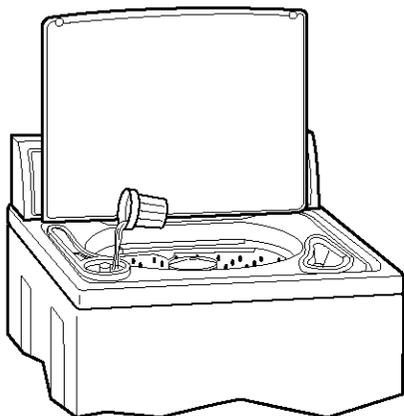
- **Do not overfill.** Look for the level markings on the dispenser cover. Dispenser holds 1 cup (250 mL) of liquid chlorine bleach.



Liquid chlorine bleach dispenser

USING THE LIQUID FABRIC SOFTENER DISPENSER

After loading the washer, measure and add the recommended amount of fabric softener into the dispenser. Follow manufacturer's directions.



Liquid fabric softener dispenser

- **Do not overfill.** Dispenser holds a standard capful of fabric softener (3 oz [94 mL]).
- Fabric softener is dispensed in 2nd rinse if 2ND RINSE is selected.

NOTE: Undiluted fabric softener spilled on fabric may result in spots that look like oil stains.

If cleaning of the liquid fabric softener dispenser is required:

Scrub with a brush using a liquid laundry detergent solution. Never use any cleaning fluids on dispenser parts as this could cause damage to the plastic.

UNDERSTANDING WHAT HAPPENS IN EACH CYCLE

PERMANENT PRESS

	Fill to selected level ▼
	Wash selected time ▼
	Partial Drain ▼
	Pause ▼
	Fill for cooldown ▼
	Wash ▼
	Drain – no spin ▼
	Spin ▼
	Fill to selected level ▼
	Rinse ▼
	Drain – no spin ▼
	Spin ▼
	Off or SECOND RINSE

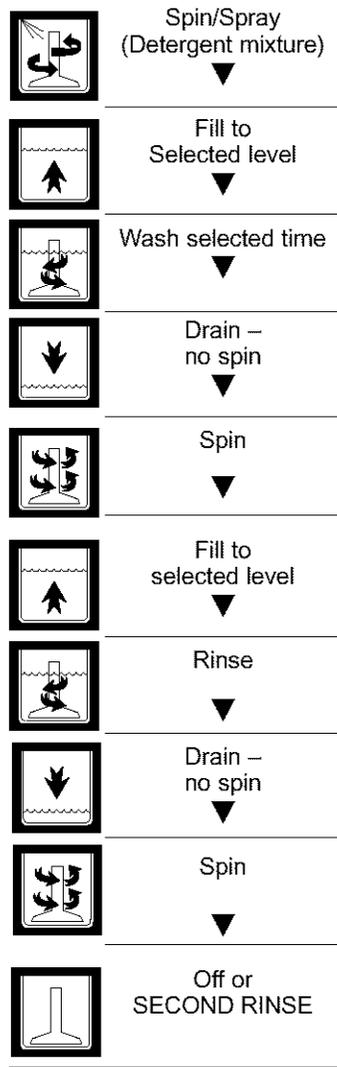
ULTRA HANDWASH

	Spin/Spray (Detergent mixture) ▼
	Fill to Selected level ▼
	Agitate ▼
	Soak ▼
	Agitate ▼
	Drain – no spin ▼
	Spin ▼
	Fill in Selected level ▼
	Rinse ▼
	Drain – no spin ▼
	Spin ▼
	Off or SECOND RINSE

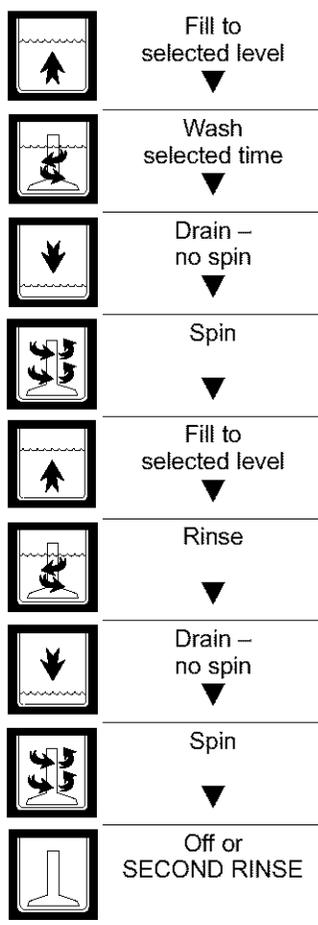
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UNDERSTANDING WHAT HAPPENS IN EACH CYCLE

EXPRESS WASH / HEAVY DUTY / WHITEST WHITES



ALL OTHER CYCLES



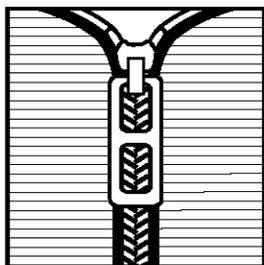
LAUNDRY TIPS

PREPARING CLOTHES FOR WASHING

for your **Benefit**

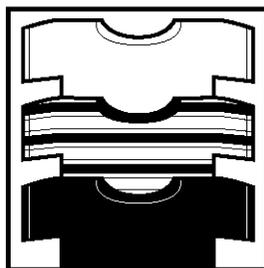
Follow these recommendations to help you prolong the life of your garments.

- 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).



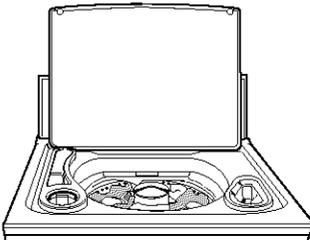
ENGLISH

LOADING

for your **Benefit**

Proper loading of your washer contributes to proper cleaning and fabric care and reduces machine noise.

- Drop items into washer loosely. Fill to the top of the basket (top row of holes). Do not wrap items around the agitator. Items should move easily through wash water for best cleaning and wrinkle-free results. Items should sink and reappear later.
- Load washer properly and select correct water level setting. Overloading or packing the machine, and selecting a setting too small for the wash load can:
 - cause poor cleaning
 - increase wrinkling
 - create excessive lint
 - wear out items faster (because of pilling)
- Load by the amount of space items take up, not by their weight.
- Mix large and small items in each load. Load evenly to maintain washer balance. An off-balance load can make the washer vibrate during spin.
- Use a higher water level setting to reduce wrinkling with permanent press clothes and some synthetic knits. These items should have more room to move in the water than heavy items (towels, jeans).
- Reduce wash time by using a lower water level setting. Loads with only a few small items need less wash time.



LOADING SUGGESTIONS

For these suggested full-sized loads, set the Water Level to the highest water level setting.

King Size Capacity Washers		
Heavy Work Clothes	Towels	Mixed Load
4 jeans	10 bath towels	3 sheets
4 workpants	10 hand towels	(1 king, 2 twin)
4 workshirts	14 wash cloths	4 pillowcases
2 sweatshirts		3 shirts
2 sweatpants		3 blouses
		9 T-shirts
		9 shorts
		10 handkerchiefs

CARING FOR YOUR WASHER

CLEANING YOUR WASHER

Proper care of your washer can extend its life. This section explains how to care for your washer properly and safely.

Exterior

Wipe up detergent, bleach, and other spills with a soft, damp cloth or sponge as they occur. Occasionally wipe the outside of the washer to keep it looking like new.

Do not put sharp or metal objects in your washer. They can damage the finish. Check all pockets for pins, clips, money, bolts, nuts, etc. Do not lay these objects on your washer after emptying pockets.

Interior

Clean interior with 1 cup (250 mL) of chlorine bleach mixed with 2 cups (500 mL) of detergent. Run washer through a complete cycle using hot water. Repeat process if necessary.

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

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.

WINTER STORAGE OR MOVING CARE

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

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/SPIN setting for about 30 seconds to mix the antifreeze and water. Some of the mixture will pump out while the washer spins.
5. Unplug the power supply cord.

To use washer again:

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

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 the power supply cord or turn off electrical power to the washer.
- Turn off the water supply to the washer. This helps avoid accidental flooding (due to a water pressure surge) while you are away.

TROUBLESHOOTING

Most laundering problems are easily solved if you understand the cause. Check these lists for common laundry and washer problems. If you need further assistance, see service and assistance information on the back cover.

Problem	Possible Cause	Solution
Message Codes "LF" (Long Fill)	Inlet hoses are kinked or clogged.	Straighten inlet hoses.
	Water valve screens are not clear.	Clear screens of any foreign material.
"LD" (Long Drain)	Drain hose is kinked or clogged.	Straighten or unplug hose.
"FF" (Fill Failure)	Problem with water level sensing system.	Call for service.
"OL" (Open Lid)	Lid is open during drain or spin.	Close lid.
"PF" (Power Failure)	Power to washer went off during cycle.	Press any pad to clear the display. Restart the washer from the beginning of the cycle.
"OB" (Off Balance)	Load is unbalanced.	Redistribute load evenly inside basket.
Washer Leaks	Household plumbing is leaking. Inlet hoses not tight.	Repair plumbing. Tighten hoses (see "Installation Instructions," Section D & E).
	Inlet hose washers not properly seated.	Reseat washers. (see "Installation Instructions," Section D & E).
	Drain hose not properly clamped or is off.	Clamp drain hose (see "Installation Instructions," Section C).
	Drain is clogged.	Remove drain clogs. Sink, standpipe, or floor drain must be able to handle 17 gal (64 L) of water per minute.
	Tub moved forward during unloading, causing water to deflect off tub ring.	Ensure tub is centered before starting washer.
	Unit not level causing water to deflect off tub ring.	Ensure front feet are installed and nuts are tightened. Level washer. Reset rear legs (see "Installation Instructions," Section G).
	Load is unbalanced. Spray rinses are deflecting off load.	Redistribute the load.
	Washer is overloaded. Fills or spray rinses are deflecting off load.	Reduce load size.

Problem	Possible Cause	Solution
Won't Drain/Won't Spin/Wet Loads	Drain hose is kinked or clogged.	Straighten or unplug hose (see "Installation Instructions," Section C).
	Correct operation of neutral drain.	After a wash or rinse, the washer will drain without spinning. After draining, the spinning begins.
	Lid is open.	Close the lid.
	Drain hose is more than 96 in (2.4 m) above floor.	Lower drain hose (see "Installation Instructions," Section C).
	Too much detergent – excessive sudsing.	Use less detergent.
	Wrong cycle for load being washed.	Choose a cycle with a higher spin speed (see "Operating Your Washer").
	Low voltage or using an extension cord.	Check electrical source or call electrician. Do not use extension cords.
	Cold rinses.	Cold rinses leave loads wetter than warm rinses. This is normal.
Continues to Fill/Continues to Drain/Cycle Stuck	Drain hose is less than 39 in (99 cm) above floor.	Raise the drain hose (see "Installation Instructions," Section C).
	Drain hose fits tightly into standpipe.	Adjust drain hose for loose fit (see "Installation Instructions," Section C).
	Drain hose taped into standpipe.	Do not seal off drain hose with tape. The drain hose needs an air gap.
Washer Makes Noise	Load is unbalanced.	Redistribute load.
	Washer is not level. Rear leveling legs not set.	Level washer. Reset rear legs (see "Installation Instructions," Section G).
	Nuts on front feet not tight.	Tighten nuts (see "Installation Instructions," Section G).
	Yellow shipping strap with cotter pins not completely removed.	Remove strap with cotter pins (see "Installation Instructions," Section B).
	Floor not strong enough to support washer.	Relocate washer (see "Installation Instructions," Section A).
	Gears engaging after drain and before spin.	This is normal.
	Upper part of agitator clicks during wash.	This is normal.

Problem	Possible Cause	Solution
Won't Fill/Won't Rinse/Won't Agitate/Wrong Temperature/Shortened Cycle	Water inlet valve screens are plugged.	Clean screens.
	Water is turned off.	Turn on water.
	Hot and cold hoses are reversed.	Reverse hoses (see "Installation Instructions," Sections D & E).
	Inlet hose is kinked.	Straighten hoses.
	Power cord not plugged in.	Plug in power cord.
	Oversudsing detected.	Do not start with excess water in the machine. Drain/Spin load; restart cycle. Do not add detergent.
Machine Stops	Power cord not plugged in.	Plug in power cord.
	No power at plug.	Check electrical source or call electrician.
	Fuse blown or circuit breaker open.	Replace fuse or reset circuit breaker. If problem continues, call electrician.
	Using an extension cord.	Do not use extension cords.
	STOP/CANCEL pad was pressed.	Set a new wash cycle and press START pad.
	DELAY START pad was pressed.	Press START pad to restart washer. If console light is off, set a new wash cycle, then press START pad.
	Washer at pause in PERMANENT PRESS Cycle (approximately two minutes).	Allow cycle to continue (see "Operating Your Washer").
Machine is overloaded.	Wash smaller loads.	
Agitator Not Working	The top of the agitator moves only in one direction.	This is normal.
	The top of the agitator is loose.	This is normal.
Water Level Too Low/Not Completely Filling	The top of the agitator is much higher than the highest water level. This creates a perception of the washer not being full.	This is normal.
Tub is Crooked	Tub pulled forward when unloading.	Ensure tub is centered before starting washer.
	Tub moves.	This is normal.
	Unit not level.	Ensure front feet are installed and nuts are tightened. Level washer. Reset rear legs (see "Installation Instructions," Section G).

Problem	Possible Cause	Solution
Lint on Load	Improper sorting.	Sort lint givers from lint takers and by color.
	Overloading.	Lint can be trapped in load if overloaded. Wash smaller loads.
	Paper or tissue in pockets.	Clean out pockets before washing.
	Not enough detergent.	Use enough detergent to hold lint in water.
	Detergent not dissolving. Water temperatures lower than 70°F (21°C).	Use Automatic Temperature Control (ATC). ATC ensures wash water temperature will be warmer than 70°F (21°C).
Tearing	Overloading. Improper use of washer.	Loads should move freely during wash. Wash smaller loads or increase water level.
	Improper use of chlorine bleach. Undiluted bleach will damage fabrics.	Do not pour chlorine bleach directly on load. Wipe up bleach spills.
	Sharp items not removed from pockets; fasteners not fastened.	Clean out pockets before washing. Zip zippers before washing.
	Items damaged before washing.	Mend rips and broken threads in seams before washing.
Stains on Load	Improper use of fabric softener in washer or dryer.	Dilute fabric softener and add to deep rinse only.
	Iron in water (rust).	Install an iron filter.
	Under use of detergent causing soil to be redeposited.	Use enough detergent to remove soil and hold it in suspension.
	Dye transfer due to not sorting loads properly.	Sort dark clothing from whites and lights.
	Dye transfer due to not unloading washer promptly.	Unload the washer as soon as it stops.

Problem	Possible Cause	Solution
Load is Wrinkled	Not removing load promptly.	Unload the washer as soon as it stops.
	Wrong cycle for fabrics being washed.	Use cold rinses and cycles with slow spin speeds to reduce wrinkling.
	Overloading.	Loads should move freely during wash. Wash smaller loads.
	Wash water not warm enough to relax wrinkles. Using warm rinses.	Use Automatic Temperature Control (ATC). If safe for fabric, use warm or hot wash water. Use cold rinse water.
	Hoses reversed.	Reverse hoses (see "Installation Instructions," Sections D & E).
Load is Tangled/Twisted	Overloading.	Loads should move freely during wash. Wash smaller loads or increase water level.
	Clothes wrapped around agitator.	Do not wrap items around agitator when loading washer.
Clogged Bleach Leaking/ Bleach on Wrong Loads	Use of color-safe bleach in chlorine bleach dispenser.	Do not put powdered (color safe) bleach in the chlorine bleach dispenser. Use the detergent dispenser to add powdered bleach.
	Improper use of chlorine bleach.	Always measure bleach before adding to the dispenser. Carefully pour into the dispenser. Wipe up bleach spills.

SEARS MAINTENANCE AGREEMENT

KENMORE WASHERS

We Service What We Sell

"We Service What We Sell" is our assurance you can depend on Sears for service. Your Kenmore appliance has added value when you consider that Sears has service units nationwide, staffed with professional technicians trained on all appliances Sears sells. They have the knowledge and skills, tools, parts and equipment to ensure our pledge to you that "We Service What We Sell."

Maintain the value of your purchase with a Sears Maintenance Agreement. Kenmore appliances are designed, manufactured and tested for 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 for your product.

The Sears Maintenance Agreement

- Is your way to buy tomorrow's service at today's prices.
- Eliminates repair bills resulting from normal use.
- Allows for as many service calls as required.
- Provides an annual Preventive Maintenance Check at your request to keep your Kenmore appliance in proper running condition.

**For more information, call
1-800-827-6655 (USA) or
1-877-533-6937 (Canada)**

ENGLISH

NOTES

**In U.S.A. or Canada
for in-home major brand repair service:**

Call 24 hours a day, 7 days a week

1-800-4-MY-HOMESM (1-800-469-4663)

Para pedir servicio de reparación a domicilio – 1-800-676-5811

Au Canada pour tout le service – 1-877-LE-FOYERSM (1-877-533-6937)

For the repair or replacement parts you need:

Call 6 a.m. – 11 p.m. CST, 7 days a week

PartsDirectSM

1-800-366-PART (1-800-366-7278)

www.sears.com/partsdirect

Para ordenar piezas con entrega a domicilio – 1-800-659-7084

For the location of a Sears Service Center in your area:

Call 24 hours a day, 7 days a week

1-800-488-1222

To purchase or Inquire about a Sears Maintenance Agreement:

Call 7 a.m. – 5 p.m. CST, Monday – Saturday

1-800-827-6655

SEARS

HomeCentralSM