

# PROTECTION AGREEMENTS

## Master Protection Agreements

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

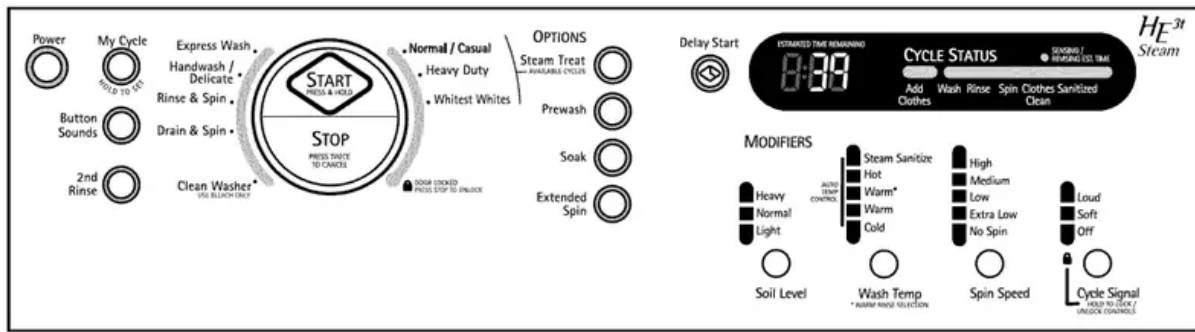
The Master Protection Agreement also helps extend the life of your new product. Here's what the Agreement\* includes:

- Parts and labor needed to help keep products operating properly under normal use, not just defects. Our coverage goes well beyond the product warranty. No deductibles, no functional failure excluded from coverage-- real protection.
- Expert service by a force of more than 10,000 authorized Sears service technicians, which means someone you can trust will be working on your product.
- Unlimited service calls and nationwide service, as often as you want us, whenever you want us.
- "No-lemon" guarantee - replacement of your covered product if four or more product failures occur within twelve months.
- Product replacement if your covered product can't be fixed.
- Annual Preventive Maintenance Check at your request - no extra charge.
- Fast help by phone - we call it Rapid Resolution - phone support from a Sears representative on all products. Think of us as a "talking owner's manual."
- Power surge protection against electrical damage due to power fluctuations.
- \$250 Food Loss Protection annually for any food spoilage that is the result of mechanical failure of any covered refrigerator or freezer.
- Rental reimbursement if repair of your covered product takes longer than promised.
- 10% discount off the regular price of any non-covered repair service and related installed parts.

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

The Master Protection Agreement is a risk free purchase. If you cancel for any reason during the product warranty period, we will provide a full refund. Or, a prorated refund anytime after the product warranty period expires. Purchase your Master Protection Agreement today!

# 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.

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.

### **First Wash Cycle Without Laundry**

Before washing clothes for the first time, if not completed during the final installation step, choose the Express Wash cycle and run it without clothes. Use only HE High Efficiency detergent. Use 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. Open the washer door by pulling on the handle. Sort laundry according to color and type of fabric. Place a load of sorted clothes in the washer. Do not overload washer. Overloading can cause poor cleaning.

- The washer can be fully loaded, but not tightly packed. Washer door should close easily.
- Mix large and small items. Avoid washing a single item. Load evenly.
- Wash small items such as infant socks in mesh garment bags. It is recommended that more than one garment bag be used and that each garment bag be filled with equal amounts of material.
- When unloading garments, check under the gray colored seal at the front of the tub for small items.

2. Close the washer door by pushing it firmly until the lock clicks. The washer door will remain locked during the wash cycle.

### **NOTES:**

- After any wash cycle is completed, the door must be opened and then closed before a new cycle can begin.
- The door can be opened if STOP is selected while the ADD CLOTHES light is glowing or if the cycle has been canceled.
- See "To cancel a cycle" in "Changing Cycles, Options and Modifiers section."

3. Open the dispenser drawer and add laundry products to the detergent, bleach, or fabric softener compartments. Close drawer slowly to avoid spills. See "Using the Dispenser."

4. Turn on the washer by selecting POWER. Select one of the cycles by turning the cycle selector. The indicator light for the selected cycle will illuminate. When you are selecting a wash cycle, the preset modifiers (Soil Level, Wash Temp and Spin Speed) for the cycle, will illuminate. Selectable modifier settings will glow amber. If an option or modifier is unavailable with the selected cycle, the light will not illuminate. The preset settings provide the recommended fabric care for the selected cycle. The display shows the estimated time remaining. See "Cycles."

5. Select the desired OPTIONS. Not all Options are available with all cycles. See "Options."

6. Select the desired MODIFIERS. Not all Modifiers are available with all Cycles and Options. See "Modifiers."

7. If desired, select the CYCLE SIGNAL. The signal is helpful when you are washing items that should be removed from the washer as soon as it stops. Select LOUD, SOFT or OFR

### **8. To begin the wash cycle immediately**

Select and hold START (for approximately 1 second). • If you do not select START within 5 minutes of choosing a cycle, the washer automatically shuts off.

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

### **9. To begin the wash cycle later**

Select Delay Start until the desired delay time (in hours) shows in the Estimated Time Remaining display. Select START. The countdown to the wash cycle will show in the display window, and the button indicator will blink until the cycle begins.

**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 Start, 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 high efficiency 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.

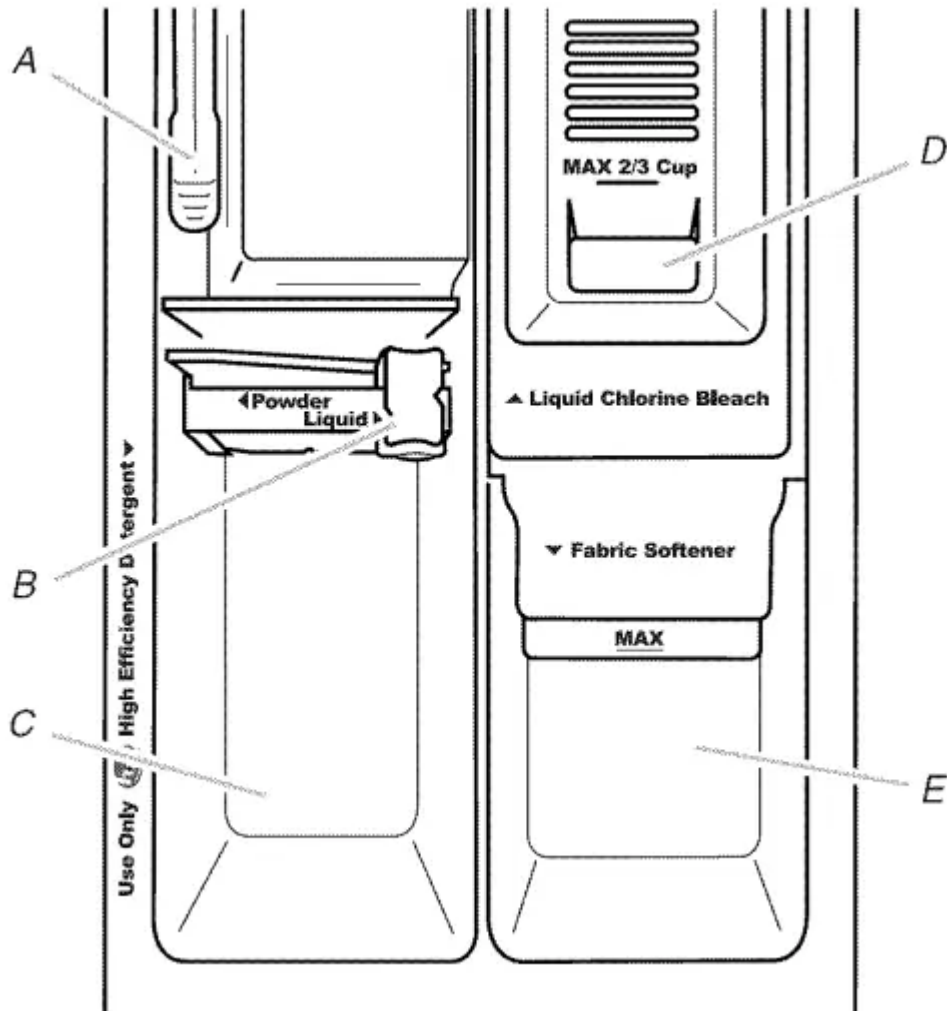
Do not put laundry products directly into the wash tub. Always use the proper dispensers when adding laundry products.

### **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.

## To fill dispenser compartments

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



## Dispenser

- A. Dispenser release lever
- B. Detergent type selector
- C. High Efficiency "HE" detergent compartment
- D. Chlorine bleach compartment
- E. Fabric softener compartment

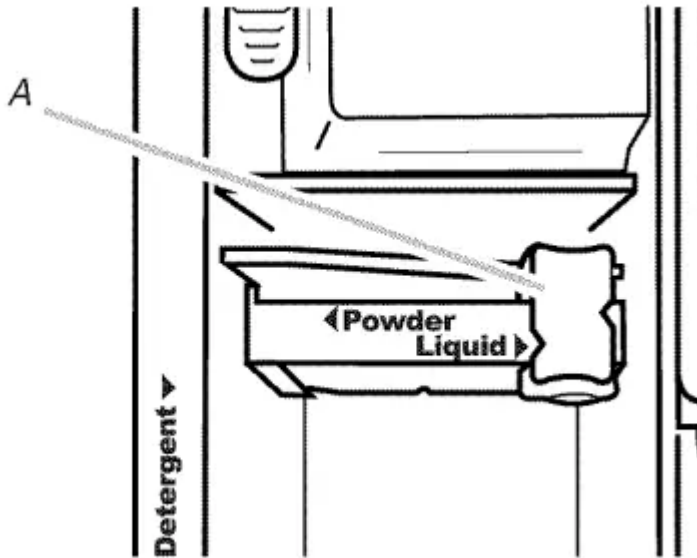
## High Efficiency "HE" detergent compartment

(Letters B and C in Dispenser Illustration)

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

**IMPORTANT:** If you are using the Delay Start option, powdered detergent should be used in the compartment since liquid detergents may seep out of the compartment, before the wash begins.

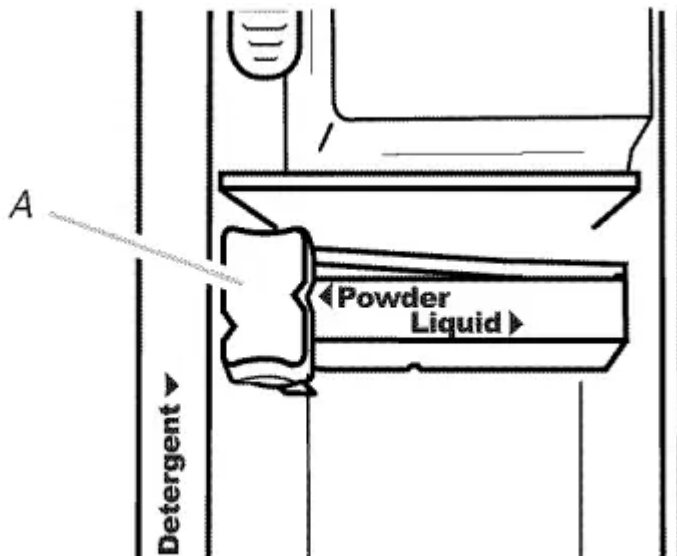
- Use the detergent manufacturer's recommended amount for the load size.
- Liquid detergent:



*Selector in position for liquid detergent*

A. Detergent type selector

- Powdered detergent:



*Selector in position for powdered detergent*

A. Detergent type selector

### **Chlorine bleach compartment** (Letter D in Dispenser Illustration)

Add no more than 2/3 cup (160 mL) liquid chlorine bleach to this compartment. The bleach will be automatically diluted and dispensed at the best time during the first rinse after the wash cycle. This compartment cannot dilute powdered bleach.

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

**NOTE:** Overfilling could cause garment damage.

### **Fabric softener compartment** (Letter E in Dispenser Illustration)

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

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

**NOTE:** Use only liquid fabric softener in this dispenser.

### **Pausing or Restarting**

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

### **Changing Cycles, Options and Modifiers**

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

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

### **To cancel a cycle and select a new cycle**

1. Select STOP twice.
2. Select POWER.
3. Select desired cycle.

4. Select the desired OPTIONS and MODIFIERS. Not all options or modifiers are available to all cycles. See "Laundry Guide."

5. Select and hold START (for approximately 1 second) to restart the washer at the beginning of the new cycle.

### To cancel a cycle

1. Select STOP twice.

2. The washer powers down, the door unlocks, and clothes can be removed.

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

### To change Options or Modifiers after the cycle has started

1. Select STOP once.

2. Select the desired OPTIONS or MODIFIERS. Not all options or modifiers are available to all cycles. See "Laundry Guide."

3. Select and hold START (for approximately 1 second) to continue the cycle.

### To drain the washer manually

1. Select STOP twice to cancel the wash cycle.

2. Select POWER.

3. Select DRAIN & SPIN.

4. Select and hold START (for approximately 1 second) to begin the drain.

5. When the spin is complete, the door unlocks. Items can be removed from the washer.

## Status Lights

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



### Adding clothes after wash cycle has begun

This washer allows an 4-8 minute period in which other garments may be added to the load and still be cleaned properly. You can add items to the washer if the ADD CLOTHES status light is glowing.

### **To add items when ADD CLOTHES light is glowing**

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

### **To add items when ADD CLOTHES light is not glowing**

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

### **NOTES:**

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

### **Clothes Clean**

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

### **Sanitized**

This Kenmore washer has a sanitizing temperature. that is certified by NSF International. an independent third-party testing and certification organization. The certification verifies that the sanitizing cycle reduces 99.9% of bacteria typically found on clothing. bedding and towels. and there is no carryover of bacteria between loads after the cycle is complete.

If the "Steam Sanitize" wash temperature was selected. when the wash cycle is complete. the SANITIZED status light glows. (the CLOTHES CLEAN status light will glow green). the door unlocks. and the wash load can be removed from the washer. The washer powers down automatically 60 minutes after the cycle is complete and the SANITIZED light and CLOTHES CLEAN light turn off.



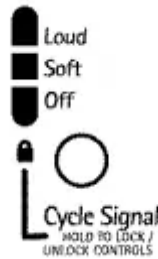
*Certified to Sanitize*

### **Locking controls**

The Control Lock avoids unintended use of the washer. You can also use the control lock feature to avoid unintended cycle or option changes during a cycle. When CONTROL LOCKED is lit, all buttons are disabled except for STOP and START. You can lock the controls after a cycle begins or before POWER is pressed.

### To lock the controls

Select and hold CYCLE SIGNAL for 3 seconds after the cycle starts, or when the washer is powered off.



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

### To unlock the controls

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

**NOTE:** To lock or unlock the controls when the washer is off, press and hold CYCLE SIGNAL for 3 seconds.

### Door Locked

When the status light glows, the door is locked.

### Sensing/Revising Est. Time

The cycle times vary automatically based on your water pressure, water temperature, detergent, and clothes load.

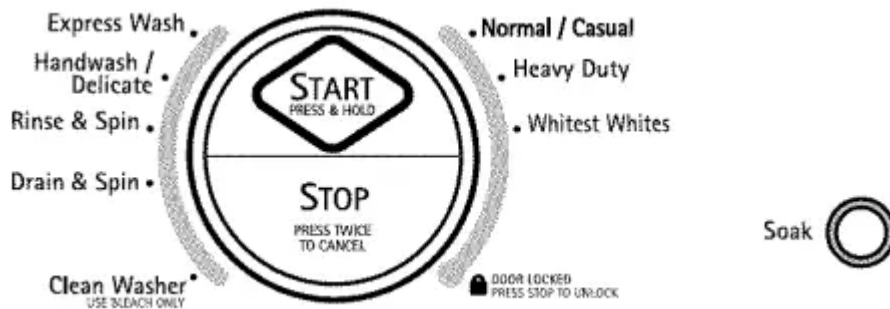
The washer will automatically sense the progress in the cycle and adjust the Estimated Time Remaining display. While the washer is sensing, the estimated time will flash and the Sensing/Revising Est. Time status light will glow. When the sensing is complete, the flashing stops, the status light goes off, and the Estimated Time Remaining display is updated.

The cycle time will be extended if oversudsing occurs or the load is unbalanced. The SUD routine removes extra suds and assures proper rinsing of your garments. See "Troubleshooting." During the unbalance routine, the time displayed may pause until this activity is complete, then resume with the remainder of the cycle.

## Cycles

### Wash Cycles

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



Each cycle has a preset Soil Level (estimated cycle time). Water Temperature and Spin Speed and may have preset Options. The preset settings provide the recommended fabric care for the selected cycle.

The preset settings will glow green to show the preselected options and modifiers, and can be changed anytime before START is selected. Not all Options and Modifiers are available with all cycles. Available modifier selections will glow amber. (To change settings after the cycle has started, select STOP once, then select the desired settings. Select and hold START [for approximately 1 second] to continue the cycle.)

### **Preset cycle settings**

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



| <b>Cycle</b>                       | <b>Soil Level</b><br>((hr:min)) | <b>Water Temp</b><br><b>(Wash/Rinse)</b> | <b>Spin Speed</b> |
|------------------------------------|---------------------------------|--|-------------------|
| <b>Express Wash</b><br>(2-3 items) | Light<br>(0:30)                 | Warm/Cold                                | High              |
| <b>Handwash/<br/>Delicate</b>      | Normal<br>(0:35)                | Cold/Cold                                | Low               |
| <b>Rinse &amp; Spin</b>            | N/A<br>(0:22)                   | Cold/Cold                                | High              |
| <b>Drain &amp; Spin</b>            | N/A<br>(0:13)                   | N/A                                      | High              |
| <b>Clean Washer</b>                | N/A<br>(1:05)                   | N/A                                      | N/A               |
| <b>Whitest Whites</b>              | Heavy<br>(1:30)                 | Hot/Cold                                 | High              |
| <b>Heavy Duty</b>                  | Heavy<br>(1:20)                 | Hot/Cold                                 | High              |
| <b>Normal/Casual</b>               | Normal<br>(0:50)                | Warm/Cold                                | High              |
| <b>Soak</b>                        | Normal<br>(0:30)                | Warm                                     | No Spin           |

### To change the preset cycle settings

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

### Express Wash



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

### **Handwash/Delicate**

Use this cycle to clean hand washable items and ultra delicate garments. (Check label instructions to make sure that garment is washable.) This cycle gently tumbles and spins with low-speed to gently clean garments and minimize wrinkling.

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

### **Rinse & Spin**

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

#### **Rinse & Spin is useful for**

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

### **Drain & Spin**

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

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

### **Clean Washer**

Use the Clean Washer cycle once a month to keep the inside of your washer fresh and clean. This cycle uses a higher water level in combination with liquid chlorine bleach and steam, to thoroughly clean the inside of your washing machine. This cycle should not be interrupted. See "Cleaning Your Washer" in the "Washer Care" section.

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

### **Whitest Whites**

This cycle is especially designed for cleaning loads of soiled white fabrics with the addition of bleach. Hot washing temperatures assure optimal bleach activity. An additional rinse provides

optimal rinse performance to avoid chlorine residues on your laundry. This cycle combines fast-speed tumbling, longer wash time, and high speed spin to shorten drying time.

### **Heavy Duty**

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

### **Normal/Casual**

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

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

### **Soak**

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

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

1. Add detergent only to the High Efficiency "HE" detergent compartment of the dispenser drawer.
2. Press the SOAK button.
3. Choose the desired soak temperature.
4. Select and hold START (approximately 1 second).

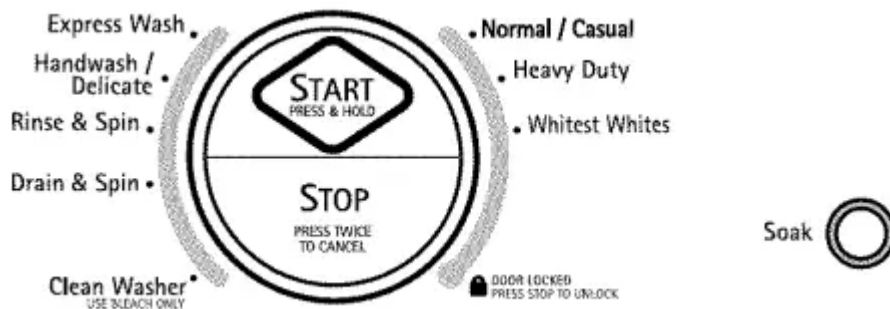
## **Normal Washer Sound**

As with any new product, you will hear sounds that you are not accustomed to. You may hear various sounds when the door is locked or unlocked, and during the washing, rinsing, or spinning process.

Between changes in wash actions, there will be momentary pauses. You will hear water spraying and splashing during the wash and rinse cycles. These new sounds and pauses are part of normal washer operation. (See "Troubleshooting.")

## Options

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



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

## My Cycle

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

### To Customize a Wash Cycle:

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

## Button Sounds

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

## 2nd Rinse

A second rinse can be used to aid in the removal of detergent or bleach residue from garments.

This option provides an additional rinse with the same water temperature as the normal rinse. This is the default rinse setting for the Whitest Whites cycle. When 2nd Rinse is selected, the indicator light will glow green.

### **STEAM TRFAT**

Use this option for heavily soiled loads that need improved stain treatment. Loads with multiple types of stains, or loads you suspect as having stains, but are afraid may have been missed (no sorting or searching for stains). When STEAM TREAT is selected, the water temperature of the selected wash cycle is automatically set to warm. The water will then be slowly heated to the temperature selected, along with steam, to aid in stain removal. This option will provide optimal removal of organic stains such as blood. This option is available on the following cycles: Normal/Casual, Heavy Duty, Whitest Whites.

### **Prewash**

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

Add detergent to the High Efficiency "HE" detergent compartment of the Dispenser Drawer•

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

### **Extended Spin**

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

### **Delay Start**

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

**IMPORTANT:** When delaying a cycle, use only powdered detergents in the high efficiency "HE" detergent compartment since liquid detergents may seep out of the compartment during DELAY START, before the wash cycle begins.

### **Cycle Signal**

This signal is helpful when you are removing items from the washer as soon as it stops.

Select Loud, Soft or Off.

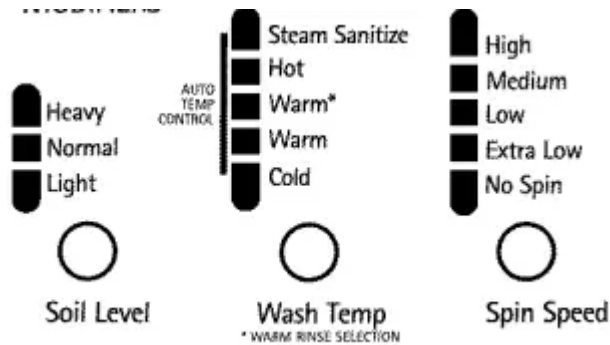
## **Modifiers**

Preset cycle settings of Water Temperature, Spin Speed, and Rinse Options can be changed.

You can change a modifier after starting a cycle anytime before the selected Modifier begins• Not all Modifiers are available with all options and cycles• Available modifier settings will glow amber.

Current selections will glow green. If an option is unavailable with a selected cycle, the light will not illuminate.

## MODIFIERS



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

## Wash Temp

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

- This Kenmore washer has a sanitizing temperature, that is certified by NSF International, an independent third-party testing and certification organization. The certification verifies that the sanitizing cycle reduces 99.9% of bacteria typically found on clothing, bedding and towels, and there is no carryover of bacteria between loads after the cycle is complete.



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- The Steam Sanitize temperature provides an extra-high temperature to remove 99.9% of certain bacteria. It is recommended that you set your hot water heater to 120°F (49°C) to ensure proper performance during this cycle.
- The Steam Sanitize temperature uses high water temperatures. Please check garment care label to avoid garment damage.
- In wash water temperatures colder than 60°F (15.6°C), detergents do not dissolve well. Soils may be difficult to remove.

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

### Auto Temp Control

ATC (Auto Temp Control) electronically senses and maintains uniform water temperature.

ATC regulates incoming hot and cold water. The ATC is automatically turned on when a cycle is selected. (See "Preset Cycle Settings" in "Cycles.")

- ATC works for all wash temperatures.
- ATC works for the rinse temperature where the wash temperature setting is marked with an asterisk, such as Warm\*. All other rinse temperatures are cold, and 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 Start       | STEAM TREAT™ | Prewash | Extended Spin | 2nd Rinse |
| <b>Express Wash</b>      | Small loads of 2-3 lightly soiled cotton, polyester, nylon, and cotton blends.                             | ✓                 |              |         | ✓             | ✓         |
| <b>Handwash/Delicate</b> | Silk or Ultra Delicate fabrics identified as machine washable.   | ✓                 |              |         |               | ✓         |
| <b>Rinse &amp; Spin</b>  | All loads  | ✓                 |              |         | ✓             | ✓         |
| <b>Drain &amp; Spin</b>  | All loads  | ✓                 |              |         |               | ✓         |
| <b>Clean Washer</b>      | No clothes   | ✓                 |              |         |               |           |
| <b>Whitest Whites</b>    | Soiled white fabrics   | ✓                 | ✓            | ✓       | ✓             | ✓         |
| <b>Heavy Duty</b>        | Heavily soiled underwear, towels, shirts, etc., made of cotton   | ✓                 | ✓            | ✓       | ✓             | ✓         |
| <b>Normal/Casual</b>     | Normally soiled blouses, shirts, overalls, etc., made of polyester, nylon, cotton, linen, or cotton blends | ✓                 | ✓            | ✓       | ✓             | ✓         |
| <b>Soak</b>              | All loads  | ✓                 |              |         |               |           |

## LAUNDRY TIPS

### Preparing clothes for washing

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

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





*Use only HE High Efficiency detergent.*

- Close zippers, snaps, and hooks to avoid snagging other items. Remove pins, buckles, and other hard objects to avoid scratching the washer interior. Remove non-washable trim and ornaments.
- Empty pockets and turn them inside-out.
- Turn down cuffs; brush away lint and dirt.
- Turn 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

#### Heavy Work Clothes

4 jeans, 4 workpants, 4 workshirts, 2 sweatpants, 2 sweatshirts

#### Towels

10 bath towels, 10 hand towels, 14 washcloths

#### Mixed Load

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

#### Delicates

3 camisoles, 4 slips, 4 panties, 2 bras, 2 nighties

#### EXPRESS WASH cycle (2-3 garments)

2 dress shirts, 1 pair dress pants

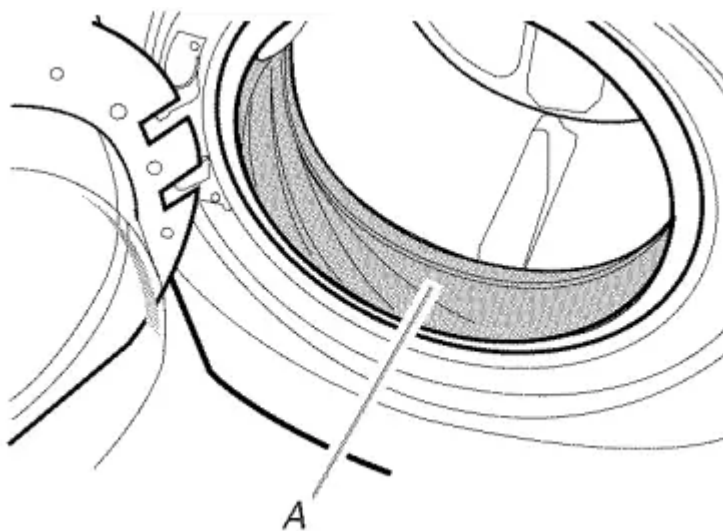
## WASHER CARE

### Cleaning Your Washer

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

#### Cleaning the door seal

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



A. Seal

3. If stained areas are found, wipe down these areas of the seals, using the procedure that follows.

a, Mix a dilute solution, using 3/4 cup (177.4 mL) of liquid chlorine bleach, and 1 gal. (3.8 L) of warm tap water.

b, Wipe the seal area with the dilute solution, using a damp cloth.

c, Let stand 5 minutes.

d, Wipe down area thoroughly with a dry cloth.

**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 and steam, in combination with liquid chlorine bleach to thoroughly clean the inside of the washer.

**NOTES:**

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

**Begin procedure**

1. Open the washer door and remove any clothing or items from the washer.

2. Open the dispenser drawer and immediately add 3/4 cup (160 mL) of liquid chlorine bleach to the bleach compartment.

**NOTE:** Do not add any detergent to this cycle. Use of more than 3/4 cup (160 mL) of bleach will cause product damage over time.

3. Close the washer door and 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 bring in some inlet water, and 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. "rL" will be displayed. and the WASH and CONTROLS LOCKED lights will remain lit. The door will unlock. Open and remove any garments in the wash drum.

- Press STOP to cancel the failure code. Then repeat steps 3. 4 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.
- If the procedure does not sufficiently improve the machine freshness. evaluate your installation and usage conditions for other causes.

### **Cleaning the exterior**

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

### **Cleaning the dispenser drawer**

The dispenser drawer is removable for easy cleaning.

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

## **Water Inlet Hoses**

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

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

### **Vacation, Storage, and Moving Care**

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

### **Non-use or vacation care:**

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

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

### **To winterize washer:**

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

### **To use washer again:**

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



### **Electrical Shock Hazard**

**Plug into a grounded 3 prong outlet.**

**Do not remove ground prong.**

**Do not use an adapter.**

**Do not use an extension cord.**

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

2. Plug in washer or reconnect power.

3. Run the washer through the Normal/Casual cycle with 1/2 the manufacturer's recommended amount of HE detergent for a medium-size load, to clean the washer and remove the antifreeze, if used.

### **To transport the washer:**

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

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

### **Reinstalling the washer**

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

## **TROUBLESHOOTING**

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

### **Washer displaying code message and tone sounds**

- **"F20" (Water Inlet Problem--no water or insufficient water supply)**

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

#### **Check the following:**

Are water faucets completely turned on?

Are screens at inlet hose connection to washer clogged?

Are water inlet hoses kinked?

Are water inlet hoses frozen?

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

- **"F21" (Drain Problem)**

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

#### **Check the following:**

Is the drain hose kinked?

Is the drain hose frozen?

Is the drain hose clogged?

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

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

- **"SUD" (Suds Routine)**

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

- **"F22" (Front door lock)**

Select STOP twice to cancel the cycle.

Is the washer door firmly shut?

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

Were you washing a large load?

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

Press POWER, re-select cycle and press START.

- **"F" Codes other than F20, F21 and F22**

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

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

### **Washer won't start**



### **Electrical Shock Hazard**

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

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

**Check the following:**

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

Is the washer door firmly shut?

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

Was the door open after completion of last cycle?

**Washer won't fill, wash or rinse**

• **Check the following:**

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

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

Are the hot and cold water faucets turned on?

Is the water inlet hose kinked?

Are the water inlet valve screens clogged?

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

**Washer stops**

• **Check the following:**

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

Is there power at the plug?

Check electrical source or call electrician.

Has a household fuse blown, or has a circuit breaker tripped?

Replace the fuse or reset the circuit breaker. If the problem continues, call an electrician.

Are you using an extension cord?

Do not use an extension cord.

**Washer won't drain or spin**

• **Is the drain hose clogged, or the end of the drain hose more than 96" (2.4 m) above the floor?**

• **Is your voltage low?**



Check electrical source or call electrician. Do not use an extension cord.

- **Is the "SUD" routine active?**

Cycle will complete once extra suds are removed.

- **Is the load balanced?**

A single or bulky item may cause imbalance. Add more items or redistribute the load.

### **Washer makes noise or vibrates**

- **Is the washer level?**

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

As water is drained from the washer, you may hear air being pulled through the pump. This happens during the end of draining. It is normal.

- **Are you washing items with metal snaps, buckles or zippers?**

You may hear metal items touching the washer drum. This is normal.

- **Is washer installed on a sturdy and solid floor?**

Refer to the "Installation Instructions" for flooring requirements. Noise and vibration may be reduced by placing a piece of 3/4" (19.1 mm) plywood underneath your washer.

The plywood may extend underneath both washer and dryer to keep them at equal heights.

### **Water near washer**

Check household plumbing for leaks.

### **Dispensers clogged or leaking**

- **Are the laundry products in the correct dispenser compartment?**

Add the correct amounts of detergent, fabric softener or liquid chlorine bleach to the correct compartments. Add powdered or liquid color-safe bleach to the Main Wash compartment. Be sure to match powdered color-safe bleach with powdered detergent or match liquid color-safe bleach with liquid detergent.

- **Is the detergent type separator in the correct position?**

Separator should be in the lowered position when using liquid detergent and in the upper position when using powdered detergent.

### **Washer odor**

- **See "Cleaning Your Washer."**
- **Are you using HE detergent?**

Use of non-HE detergent can cause a film residue which can result in odor.

- **Did you leave the door open after use?**

This washer has a tight seal to avoid water leaks. To avoid odors leave the door open to allow the washer to dry between uses.

#### **Load too wet**

- **Did you use the right cycle for the load being washed?**

Select a cycle with a higher spin speed.

- **Did you wash a single item or bulky items or have you overloaded the washer?**

A single item, bulky items, or overloading may cause imbalance. Add items or try to evenly distribute your wet laundry in the drum, and start a Drain & Spin cycle. If the laundry is still wet, take half of the load out of the washer and try again.

#### **Residue or lint on load**

- **Did you add detergent to the dispenser?**

For best results, add detergent to the detergent compartment. Do not add detergent to the washer drum.

- **Did you sort properly?**

Sort lint givers (towels, chenille) from lint takers (corduroy, synthetics). Also sort by color.

- **Did you overload the washer?**

Do not overload the washer. The washer can be fully loaded, but not tightly packed. The wash load must be balanced. Lint can be trapped in the load if overloaded.

- **Check the following:**

Was paper or tissue left in pockets?

- **Did you use enough HE detergent?**

Use enough detergent to remove lint and hold it in suspension. Use only HE detergent. Follow the manufacturer's instructions to determine the amount of detergent to use.

- **Is your water colder than 60°F (15.6°C)?**

Wash water colder than 60°F (15.6°C) may not completely dissolve the detergent.

- **Are you using a low speed wash cycle?**

Powdered detergents may not dissolve well in a slow-speed cycle. For best results, use liquid detergent for slow-speed cycles such as Handwash/Wool and Silk/Ultra Delicate.

#### **Stains on load**

- **Did you add detergent to the dispenser?**

For best results, add detergent to the detergent compartment. Do not add detergent to the washer drum.

- **Did you use enough HE detergent?**

Use enough detergent to remove soil and hold it in suspension. Use only HE detergent. Follow the manufacturer's instructions to determine the amount of detergent to use.

- **Is there above average iron (rust) in water?**

You may need to install an iron filter.

- **Did you properly sort the load?**

Sort dark clothes from whites and lights.

- **Did you unload the washer promptly?**

To avoid the 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 Express Wash on a large load?**

For best results, use Express Wash for small, lightly soiled loads.

### **Load is wrinkled**

- **Did you unload the washer promptly?**

Unload the washer as soon as it stops.

- **Did you use the right cycle for the load being washed?**

Use the Handwash/Delicate cycle or another cycle with a low spin speed to reduce wrinkling.

- **Did you overload the washer?**

The wash load must be balanced and not overloaded. Loads should tumble freely during washing.

### **Gray whites, dingy colors**

- **Did you properly sort the load?**

The transfer of dye can occur when mixing whites and colors in a load. Sort dark clothes from whites and lights.

- **Was the wash temperature too low?**

Use hot or warm washes if safe for the fabric load. Make sure your hot water system is adequate to provide a hot water wash.

- **Did you use enough detergent. or do you have hard water?**

Use more detergent for washing heavy soils in cold or hard water.

### **Cycle too long**

- **Did you choose the STEAM TREATMENT option?**

In this case, the heater and steamer will be activated to provide maximum cleaning performance. Additional time will be added to the regular cycle to heat the water. This additional time will depend on the load size and the hot water inlet temperature.

- **Is the hot water inlet set to the recommended temperature of 120°F (49°C)?**

A hot water temperature below the recommended setting will increase heating time.

- **Is "SUD" shown in the display?**

Excessive sudsing has been detected and a suds routine has been started to reduce excessive suds. This routine will add time to the original cycle.

- **Did the load cause imbalance?**

When too much imbalance occurs, an imbalance routine will start to redistribute the load. During the imbalance routine the time displayed may pause until this activity is complete, then resume with the remainder of the cycle.

- **Did you wash a large load on the Express Cycle?**

The Express Cycle is designed for smaller load sizes (2-3 items) of lightly soiled garments. If larger loads are washed in this cycle, wash time will be increased.

- **Did you wash a large load in a gentle or Delicate cycle?**

When using the Express wash, or Handwash/Delicate wash cycles you should use small loads. This ensures a gentle wash for your garments without increasing cycle times.

### **Door locked at end of wash cycle**

- **Did all of the water drain out of the washer during the spin?**

Select DRAIN & SPIN to remove any water remaining in the washer. The washer door will unlock at the end of the drain.

#### **Warning**

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

