

**Use & Care Guide**  
**Manual de uso y cuidado**  
**Guide d'utilisation et d'entretien**  
English / Español / Français

Models/Modelos/Modèles: 665.1241\*, 665.1322\*, 665.1347\*, 665.1354\*

# Kenmore®

## ULTRA WASH® Dishwasher

## Lavavajillas ULTRA WASH®

## Lave-vaisselle ULTRA WASH®

\* = color number, número de color, le numéro de la couleur

P/N W10620229D

Sears Brands Management Corporation  
Hoffman Estates, IL 60179 U.S.A.

[www.kenmore.com](http://www.kenmore.com)  
[www.sears.com](http://www.sears.com)

Sears Canada Inc.  
Toronto, Ontario, Canada M5B 2C3  
[www.sears.ca](http://www.sears.ca)



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## 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.
- ✓ **25% 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!

**Some limitations and exclusions apply. For prices and additional information in the U.S.A. call 1-800-827-6655.**

**\*Coverage in Canada varies on some items. For full details call Sears Canada at 1-800-361-6665.**

### Sears Installation Service

For Sears professional installation of home appliances, garage door openers, water heaters, and other major home items, in the U.S.A. call 1-844-553-6667 or in Canada call 1-800-469-4663.

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# KENMORE MAJOR APPLIANCE WARRANTY

## KENMORE LIMITED WARRANTY

FOR ONE YEAR from the date of sale this appliance is warranted against defects in material or workmanship when it is correctly installed, operated and maintained according to all supplied instructions.

WITH PROOF OF SALE, a defective appliance will receive free repair or replacement at option of seller.

For warranty coverage details to obtain free repair or replacement, visit the web page: [www.kenmore.com/warranty](http://www.kenmore.com/warranty)

This warranty applies for only 90 DAYS from the sale date in the United States, and is void in Canada, if this appliance is ever used for other than private household purposes.

**This warranty covers ONLY defects in material and workmanship, and will NOT pay for:**

1. Expendable items that can wear out from normal use, including but not limited to filters, belts, bags or screw-in base light bulbs.
2. A service technician to clean or maintain this appliance, or to instruct the user in correct appliance installation, operation and maintenance.
3. Service calls to correct appliance installation not performed by Sears authorized service agents, or to repair problems with house fuses, circuit breakers, house wiring, and plumbing or gas supply systems resulting from such installation.
4. Damage to or failure of this appliance resulting from installation not performed by Sears authorized service agents, including installation that was not in accord with electrical, gas or plumbing codes.
5. Damage to or failure of this appliance, including discoloration or surface rust, if it is not correctly operated and maintained according to all supplied instructions.
6. Damage to or failure of this appliance, including discoloration or surface rust, resulting from accident, alteration, abuse, misuse or use for other than its intended purpose.

7. Damage to or failure of this appliance, including discoloration or surface rust, caused by the use of detergents, cleaners, chemicals or utensils other than those recommended in all instructions supplied with the product.
8. Damage to or failure of parts or systems resulting from unauthorized modifications made to this appliance.
9. Service to an appliance if the model and serial plate is missing, altered, or cannot easily be determined to have the appropriate certification logo

### **Disclaimer of implied warranties; limitation of remedies**

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

This warranty applies only while this appliance is used in the United States or Canada\*.

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

\* In-home repair service is not available in all Canadian geographical areas, nor will this warranty cover user or servicer travel and transportation expenses if this product is located in a remote area (as defined by Sears Canada Inc.) where an authorized servicer is not available.

**Sears Brands Management Corporation  
Hoffman Estates, IL 60179**

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Toronto, Ontario, Canada M5B 2C3**

# DISHWASHER SAFETY

## Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

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

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

**! DANGER**

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

**! WARNING**

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

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

## IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** When using the dishwasher, follow basic precautions, including the following:

- Read all instructions before using the dishwasher.
- Use the dishwasher only for its intended function.
- Use only detergents or rinse agents recommended for use in a dishwasher, and keep them out of the reach of children.
- When loading items to be washed:
  - 1) Locate sharp items so that they are not likely to damage the door seal; and
  - 2) Load sharp knives with the handles up to reduce the risk of cut-type injuries.
- Do not wash plastic items unless they are marked "dishwasher safe" or the equivalent. For plastic items not so marked, check the manufacturer's recommendations.
- Do not touch the heating element during or immediately after use.
- Do not operate the dishwasher unless all enclosure panels are properly in place.
- Do not tamper with controls.
- Do not abuse, sit on, or stand on the door, lid, or dish racks of the dishwasher.
- To reduce the risk of injury, do not allow children to play in or on the dishwasher.
- Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for two weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot water system has not been used for such a period, before using the dishwasher 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.
- Remove the door or lid to the washing compartment when removing an old dishwasher from service or discarding it.

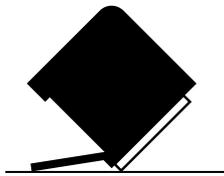
## SAVE THESE INSTRUCTIONS

State of California Proposition 65 Warnings:

**WARNING:** This product contains one or more chemicals known to the State of California to cause cancer.

**WARNING:** This product contains one or more chemicals known to the State of California to cause birth defects or other reproductive harm.

## ⚠️ WARNING



### Tip Over Hazard

**Do not use dishwasher until completely installed.**

**Do not push down on open door.**

**Doing so can result in serious injury or cuts.**

## ⚠️ WARNING



### Electrical Shock Hazard

**Electrically ground dishwasher.**

**Connect ground wire to green ground connector in terminal box.**

**Do not use an extension cord.**

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

## GROUNDING INSTRUCTIONS

### ■ For a grounded, cord-connected dishwasher:

The dishwasher must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. The dishwasher 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 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 service representative if you are in doubt whether the dishwasher is properly grounded. Do not modify the plug provided with the dishwasher; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

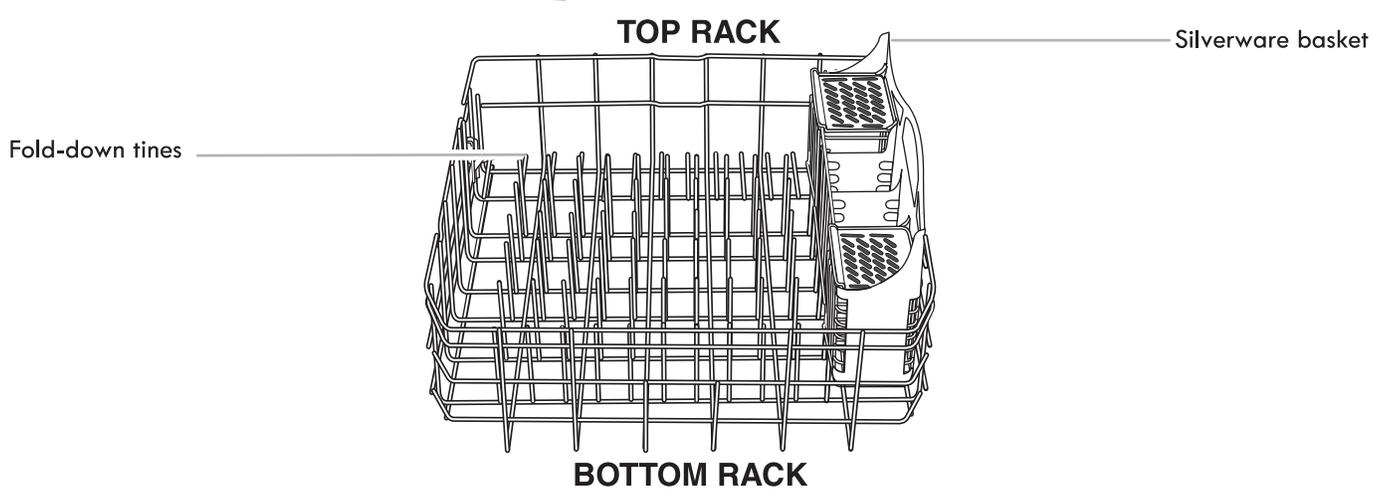
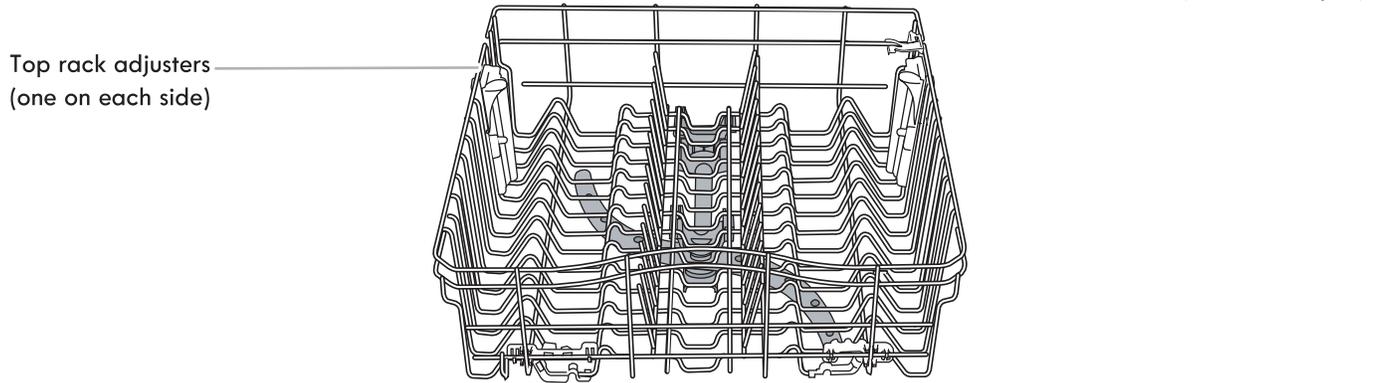
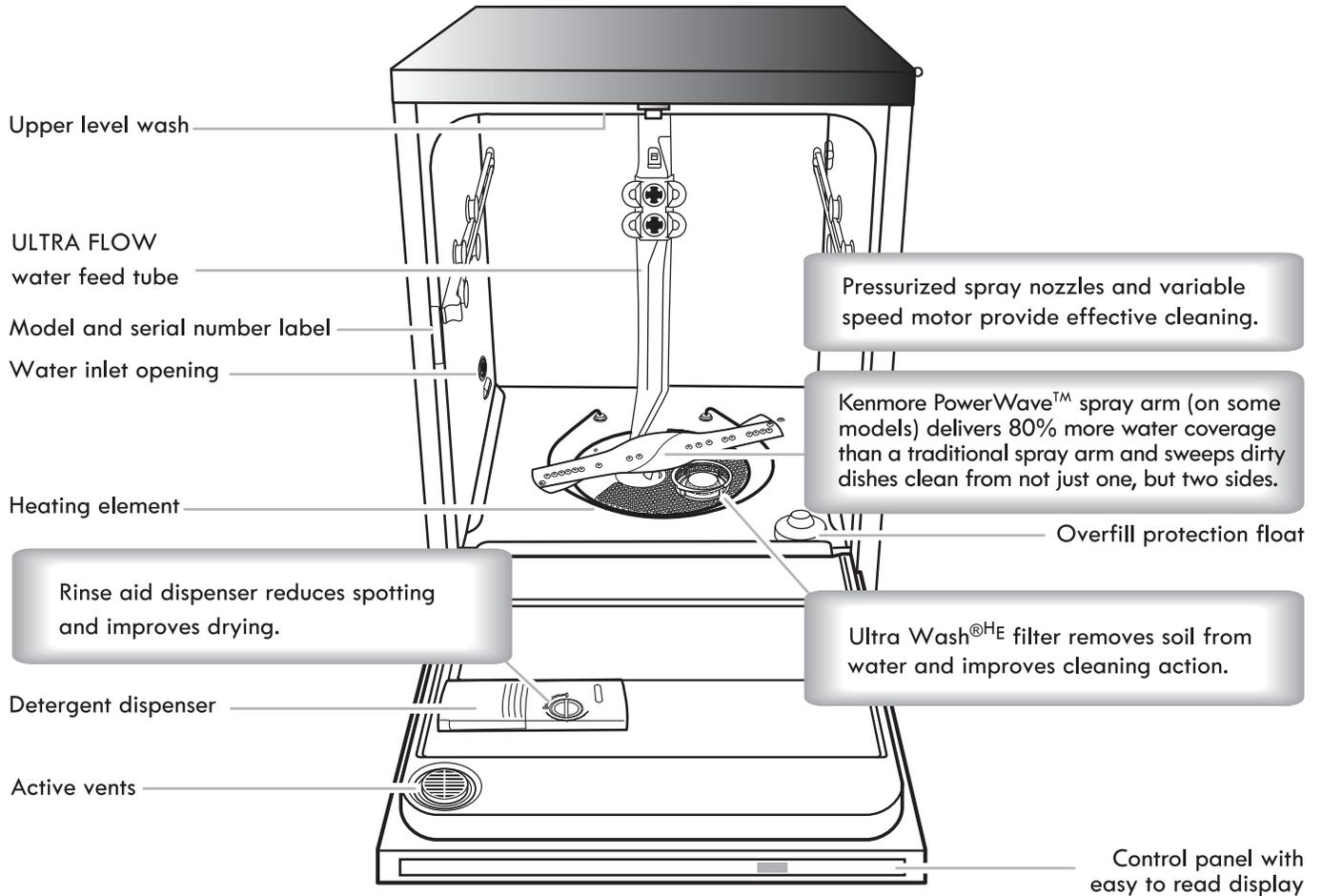
### ■ For a permanently connected dishwasher:

The dishwasher 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 dishwasher.

## SAVE THESE INSTRUCTIONS

- Install where dishwasher is sheltered from the elements. Avoid possible rupture of fill valve from freezing. Such ruptures are not covered by the warranty. See the "Vacation or Extended Time Without Use" section.
- Install and level dishwasher on a floor that will hold the weight and in an area suitable for its size and use.
- Remove all shipping plugs from hoses and connectors (such as the cap on the drain outlet) before installing. See Installation Instructions for complete information.

# PARTS AND FEATURES

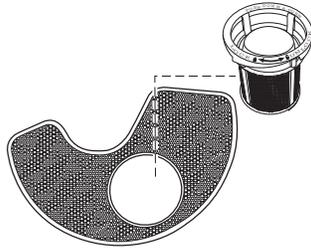


# START-UP / QUICK REFERENCE (VARIES BY MODEL)

## ULTRA WASH<sup>® HE</sup> removable filters provide peak performance.

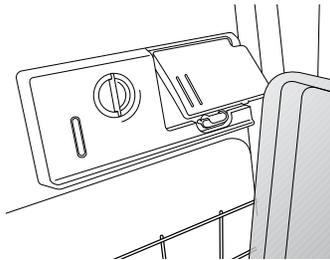
Cleaning the filters periodically helps keep the dishwasher working at peak performance. The filters can be found at the bottom center of your dishwasher.

See "ULTRA WASH<sup>® HE</sup> FILTRATION SYSTEM" for information on removing and maintaining the filters.



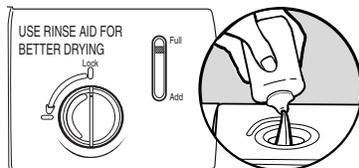
## IMPORTANT: Do not block detergent dispenser.

Tall items placed in the lower rack may block the dispenser door. Cookie sheets and cutting boards loaded on the left-hand side of the dishwasher can easily block the dispenser. If detergent is inside of the dispenser or on the bottom of the tub after the cycle is complete, the dispenser was blocked.



## Drying - Rinse Aid is essential.

You must use a drying agent such as rinse aid for good drying performance (sample included). Rinse aid along with the Heated Dry will provide best drying and avoid excessive moisture in the dishwasher interior.



## 1 Hour Wash - When you need fast results.

High Efficiency dishwashers run longer to save water and energy just as driving a car slower saves on gas. When you need fast results, the 1 Hour Wash will clean your dishes using more water and energy. For improved drying, select the Heated Dry option to add additional time to dry.



## SmartWash<sup>® HE</sup> cycle

SmartWash<sup>® HE</sup> provides optimal results using only the amount of water and energy needed. The SmartWash<sup>® HE</sup> and Pots & Pans cycles are recommended for tough soil.



## Press START every time you add a dish.

To start and resume a cycle, press START and close the door within 3 seconds. If the door is not closed within 3 seconds, the start button LED will flash and the cycle will not start.

**IMPORTANT:** If anyone opens the door (as, to add a dish, even during the Delay Hours option), the START button must be pressed each time and the door closed within 3 seconds to resume the cycle.



## Detergent Dosing

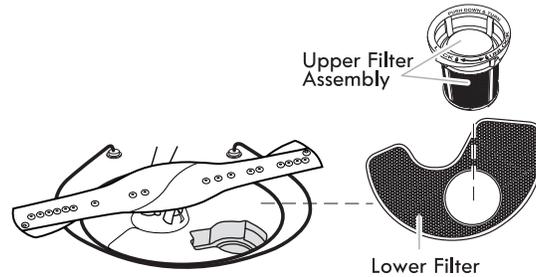
It is possible to use too much detergent in your dishwasher. This can lead to etching of your dishes. See "Detergent and Rinse Aid" to determine the amount of detergent needed based on your water hardness. Dishwasher detergent tablets and packs have been proven better than powder, liquid or gel detergents to reduce filming on your dishes.

# ULTRA WASH® HE FILTRATION SYSTEM

Your dishwasher has the latest technology in dishwasher filtration. This triple filtration system minimizes sound and optimizes water and energy consumption while providing superior cleaning performance. Throughout the life of your dishwasher, the filter will require maintenance to sustain peak cleaning performance.

The triple filter system consists of 2 parts, an upper filter assembly and a lower filter.

- The upper filter assembly keeps oversized items and foreign objects, along with very fine food particles out of the pump.
- The lower filter keeps food from being recirculated onto your dishware.



In order to provide optimum cleaning performance we suggest a monthly filter maintenance by removing and inspecting both the upper and the lower filter for any soils. Based on your dishwashing habits, cleaning of the filters may be required more or less often than what is indicated in the chart below.

The filters may need to be cleaned when:

- Visible objects or soils are on the Upper Filter Assembly.
- There is degradation in cleaning performance (that is, soils still present on dishes).
- Dishes feel gritty to the touch.

Removing and maintaining the filters is very easy. The chart below shows the recommended cleaning frequency.

## Recommended time intervals to clean your filter

Number of Loads Per Week	If you wash before loading	If you scrape and rinse before loading	If you only scrape before loading*	If you do not scrape or rinse before loading
13-14	Once per year	Twice per year	Every two months	Once per week
8-12	Once per year	Every four months	Every two months	Every two weeks
4-7	Once per year	Once per year	Every four months	Once per month
1-3	Once per year	Once per year	Twice per year	Every two months

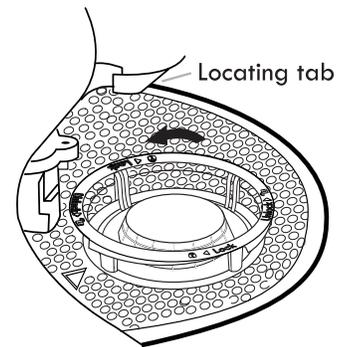
\*Manufacturer's recommendation: This practice will eliminate the water and energy that you use preparing your dishes for loading. This will also save you time and effort.

## Very Hard Water

If you have hard water (above 15 grains), clean your filter at least once per month. Building up of white residue on your dishwasher indicates hard water. You may bring your water samples to Sears to check hardness level. For tips on removing spots and stains, see "Troubleshooting" section.

## Filter Removal

1. Turn the Upper Filter Assembly  $\frac{1}{4}$  turn counterclockwise and lift out.
2. Grasp the Lower Filter in the circular opening, lift slightly, and pull forward to remove.
3. Clean the filters as shown below.

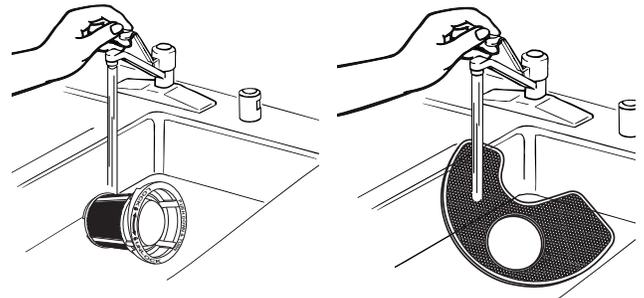


*To remove Upper Filter Assembly*

## Cleaning

**IMPORTANT:** Do not use wire brush, scouring pad, etc., as they may damage the filters.

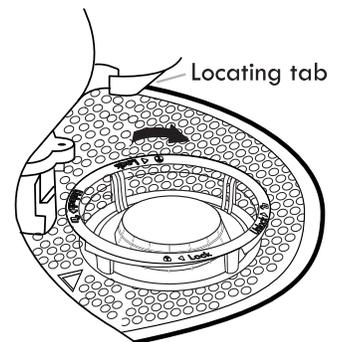
Rinse filter under running water until most soils are removed. If you have hard-to-remove soils or calcium deposits from hard water, a soft brush may be required.



## Filter Reinstallation

1. Noting the previous illustrations, place the Lower Filter under the Locating Tabs in the bottom of the dishwasher so the round opening for the Upper Filter Assembly lines up with the round opening in the bottom of the tub.
2. Insert the Upper Filter Assembly into the circular opening in the Lower Filter.
3. Slowly rotate the filter clockwise until it drops into place. Continue to rotate until the filter is locked into place. If the filter is not fully seated (still turns freely), continue to turn the filter clockwise until it drops and locks into place.

**NOTE:** The Upper Filter Assembly arrow does not have to align with the arrow in the Lower Filter as long as the filter is locked.



*To replace Upper Filter Assembly*

**IMPORTANT:** To avoid damage to dishwasher, do not operate your dishwasher without the ULTRA WASH<sup>®</sup> HE filters properly installed. Be sure the Lower Filter is securely in place and the Upper Filter Assembly is locked into place. If the Upper Filter Assembly turns freely, it is not locked into place.

# DISHWASHER EFFICIENCY TIPS

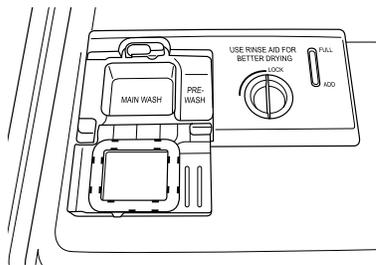
Hot water dissolves and activates the dishwasher detergent. Hot water also dissolves grease on dishes and helps glasses dry spot-free. For best dishwashing results, water should be 120°F (49°C) as it enters the dishwasher. Loads may not wash as well if the water temperature is too low.

## Additional efficiency tips

- To save water, energy and time, only scrape dishes. Do not rinse dishes before putting them into the dishwasher.
- Use a delay feature to run your dishwasher during off-peak hours. Local utility providers recommend avoiding heavy usage of energy at certain times of day.
- During the summer, run your dishwasher at night. This reduces daytime heat buildup in the kitchen.
- Use a rinse aid to improve drying.

# DETERGENT AND RINSE AID

## Detergent



**IMPORTANT:** Use only automatic dishwashing detergent. Hand dishwashing detergent will produce excessive suds and overflow out of the dishwasher.

### Recommended Detergent Amount

Add recommended amount of detergent to each compartment as shown and close the detergent lid.

### Powders and Gels

Water Hardness	Soil Level	Pre-Wash Compartment	Main Wash Compartment
<b>Soft</b> (0-4 grains per U.S. gallon)	Light	None	1/2
	Normal	None	1/2
	Heavy	Full	1/2
<b>Medium</b> (5-9 grains per U.S. gallon)	Light	None	1/2
	Normal	1/2	1/2
	Heavy	Full*	Full*
<b>Hard</b> (10-14 grains per U.S. gallon)	Light	1/2	Full*
	Normal	Full*	Full*
	Heavy	Full*	Full*

\*Full pre-wash compartment contains 7 tsp (35 mL), and full main wash cup contains 9 tsp (45 mL).

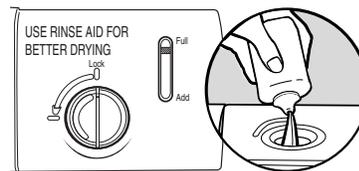
### Premeasured Detergents

Many detergents now come in premeasured forms (gel packs, tablets, or powder packs). These forms are suitable for all hardness and soil levels. Always place premeasured detergents in the main compartment and close the lid.

Using dishwasher detergent tablets and packs have been proven better than powder, liquid or gel detergents to reduce filming on your dishes. By using these tablets and packs, over time this will start to reduce or eliminate white film. Also, by using a rinse aid you can minimize repeat buildup of white film.

**IMPORTANT:** Extremely hard water mineral deposits (15 grains per U.S. gallon or more) can cause damage to your dishwasher and make it difficult to achieve good results. A water softener is recommended to avoid damage and achieve good results. You may bring your water samples to Sears to check hardness level.

## Rinse Aid



**IMPORTANT:** Your dishwasher is designed to use a liquid rinse aid. The use of rinse aids greatly improves drying by allowing water to drain from the dishes after the final rinse. They also keep water from forming droplets that can dry as spots or streaks.

### Filling the dispenser

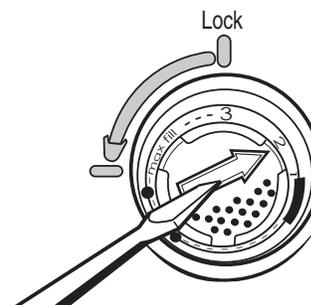
The dispenser holds 5 oz (150 mL) of rinse aid. Under most conditions this will last 1 to 3 months.

1. Turn the knob 1/4 turn counterclockwise and remove.
2. Pour rinse aid into the opening until the indicator points to FULL. Do not overfill.
3. Clean up any spilled rinse aid. Spilled rinse aid can create excessive suds.
4. Replace the knob and turn to the LOCK position.

**NOTE:** Indicator reads correct fill level when door is completely opened.

### Rinse Aid Setting

Your rinse aid dispenser is adjustable. For most water conditions, the factory setting of 2 will give good results. If you have hard water and notice calcium buildup on your dishware, you may want to try a higher setting. If you notice foam in your dishwasher, use a lower setting.



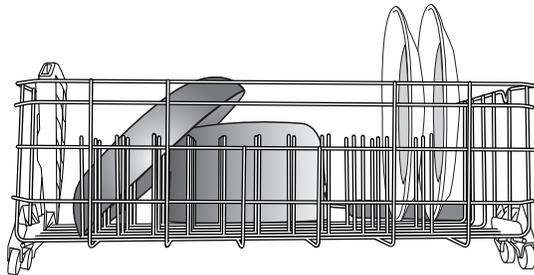
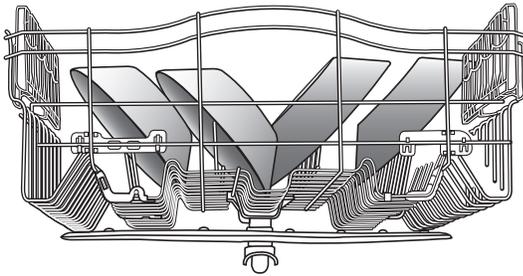
### To adjust the setting

1. Turn the knob 1/4 turn counterclockwise and remove.
2. Turn the arrow inside the dispenser to the desired setting.
3. Replace the knob and turn to the LOCK position.

# LOADING

## Loading for Best Cleaning and Drying Performance

**1. Angle dirtiest dish surfaces downward and allow space for water to flow up through each rack and between dishware.**



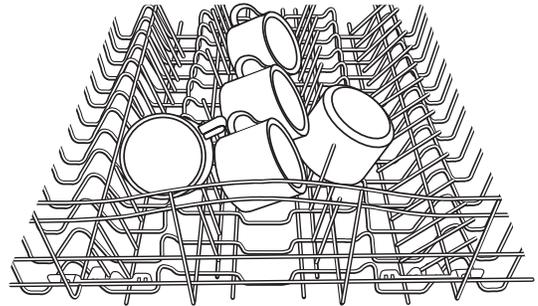
*Separating allows water flow.*

**2. For best silverware cleaning use the slots in the covers to keep items separated.**



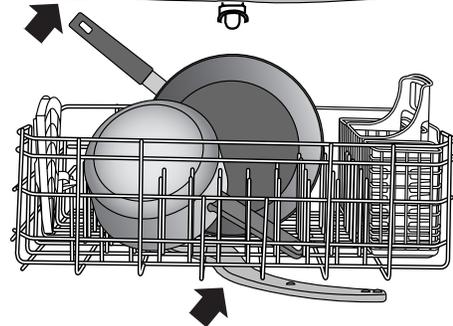
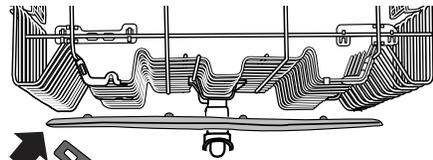
*Separated*

**3. Angle concave surfaces such as the bottom of coffee cups to allow water to drain and improve drying performance.**



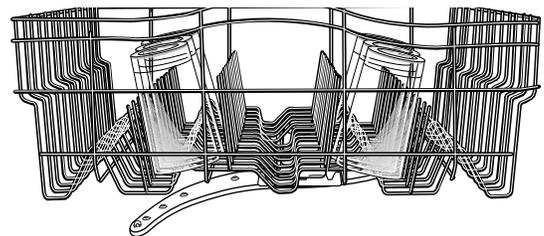
*Angled surfaces*

**4. Check that all spray arms spin freely before every cycle.**



*Spray arms spin freely.*

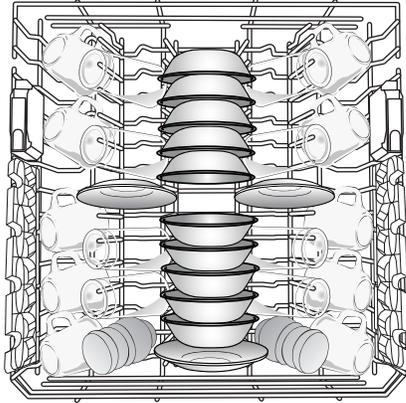
**5. Place cups and glasses in the rows between tines.**



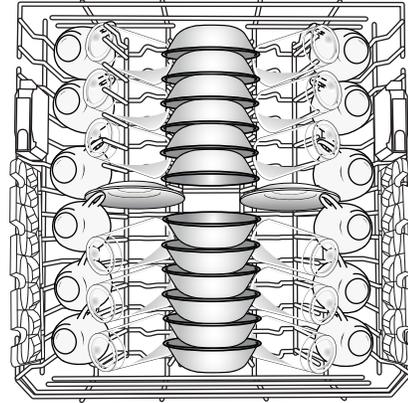
## Top Rack Loading

### Loading Recommendations

Place cups and glasses in the rows between tines. Placing them over the tines can lead to breakage and water spots. To avoid damage to your delicate items, be sure china, crystal, stemware and other similar items do not touch during dishwasher operation. Load lightweight and dishwasher-safe plastic items only in the top rack.



10 place load

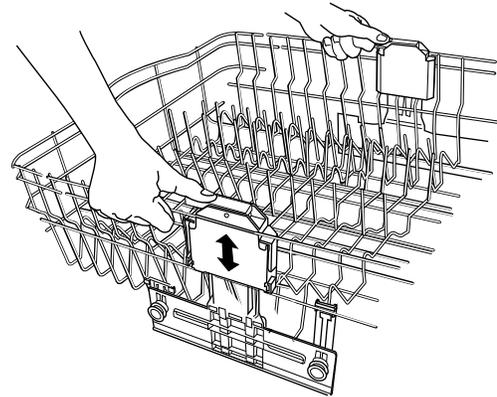


12 place load

### Deluxe Adjustable 2-position Rack (on some models)

You can raise or lower the top rack to fit tall items in either the top or bottom rack. Adjusters are located on each side of the top rack. Raise the top rack to accommodate glasses up to 9" (22 cm) in the top rack and plates up to 11 1/2" (29 cm) in the bottom rack. Lower the top rack nearly 2" to accommodate taller glasses.

1. To raise, lift rack until both sides are at the same height and lock.
2. To lower, depress both tabs on rack adjusters, as shown, and lower.



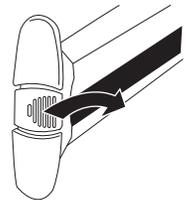
### Removable Top Rack

The removable rack allows you to wash larger items such as stock pots, roasters, and cookie sheets in the lower level rack.

**IMPORTANT:** Remove dishes prior to removing the upper rack from the dishwasher.

#### To remove the rack (push tab rack stop):

1. Roll the rack 1/3 to 1/2 of the way out.
2. Remove each plastic push tab rack stop from the end of each track by pushing inward toward the rack on the ridged area of the rack stop. The rack stop will snap open and can be easily removed by pulling straight out. Be sure to support the track while removing rack stops.
3. Roll the rack all the way out of the track and remove from the dishwasher.



#### To replace the rack:

Reverse the above steps 1 to 3 to replace the rack into the dishwasher.

## Bottom Rack Loading

### Loading Recommendations

The bottom rack is best suited for plates, pans, casseroles, and utensils. (See recommended loading patterns shown.)

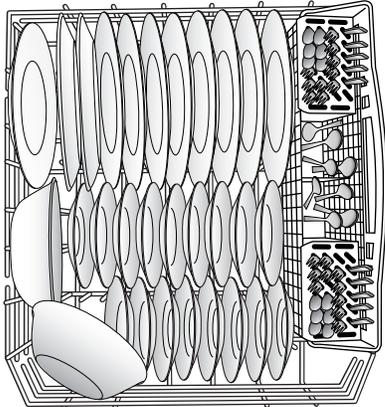
Load small items in the bottom rack only if they are secured in place.

Load plates, soup bowls, etc., between tines.

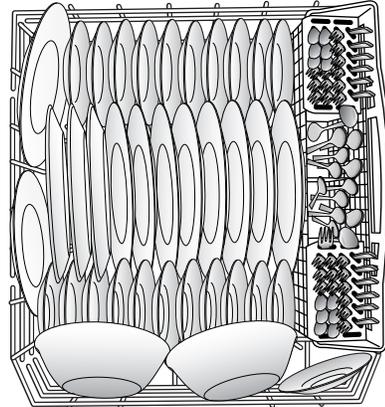
Load bowls securely between the rows of tines. Ensure that there is space between dishes so that the spray will reach all surfaces.

Load heavily soiled items facing the spray.

**NOTE:** Ensure that detergent dispenser is not blocked by tall items such as cookie sheets and cutting boards placed at the left-hand front of rack. See “Start Up/Quick Reference” section.



*10 place load*

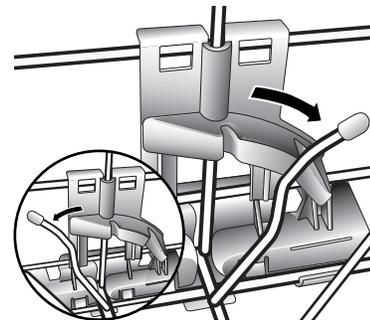


*12 place load*

### Fold-Down Tines (on some models)

You can fold down one row of tines at the back of the bottom rack in order to accommodate larger dishware.

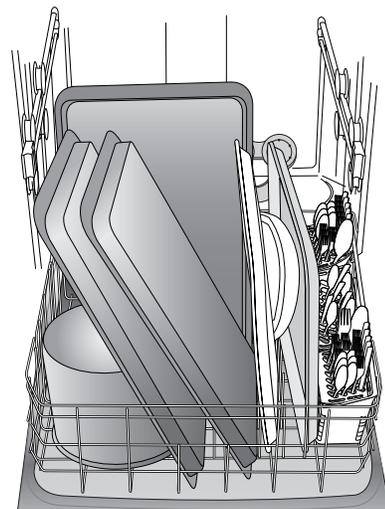
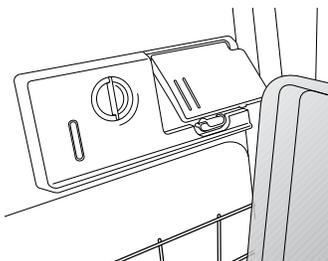
**IMPORTANT:** When moving tine row to the flat position, fold only the tine row toward the front of the dishwasher.



### Loading Tall Items

You can wash larger items such as pots, roasters, and cookie sheets in the bottom rack by removing the top rack. See “Top Rack Loading” section.

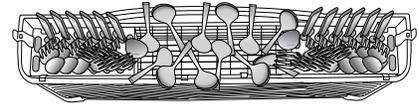
**IMPORTANT:** Do not block detergent dispenser.



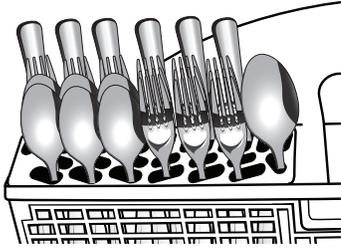
## Loading Silverware

Use suggested loading patterns, as shown, to better clean your silverware.

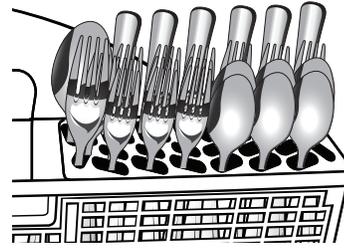
Use the slots in the covers to keep your silverware separated for optimum wash. (See illustration, right.)



**NOTE:** If your silverware does not fit into the designated slots, flip the covers up and mix silverware types to keep them separated. Load knives down, forks up, and alternate spoons as illustrated, for best cleaning results. Load taller silverware items to the back and shorter to the front of basket.



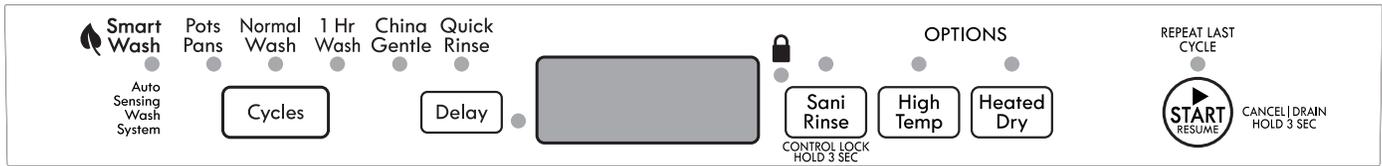
*Left-side silverware basket*



*Right-side silverware basket*

# DISHWASHER USE

## Cycles and Options Information



Cycles	Estimated WashTime* Displayed: H:MM	Range of Water Usage Gallons (Liters)
<b>SmartWash<sup>®</sup> HE cycle</b>  The most advanced and versatile cycle. This cycle senses the load size, soil amount, and toughness of soil. This cycle is optimized to achieve outstanding cleaning with minimal water and energy.	2:30	3.4 to 7.4 (12.8 to 28.0)
<b>Pots &amp; Pans</b> Works best on your toughest items such as casseroles with baked-on food residue.	3:23	7.4 (28.0)
<b>Normal Wash</b> This cycle with only the Heated Dry option selected, and without other options selected, is recommended to completely wash and dry a full load of normally soiled dishes. The energy usage label is based on this cycle and option combination.	2:21	2.4 to 7.4 (9.09 to 28.0)
<b>China Gentle (on some models)</b> Provides a light wash and gentle dry for delicate items such as china and crystal with varying soil levels	2:21	2.4 to 7.4 (9.09 to 28.0)
<b>1 Hour Wash</b> For fast results, the 1 Hour Wash will clean your normally soiled dishes using more water and energy. For improved drying select the Heated Dry option.	1:00	7.9 (29.8)
<b>Quick Rinse</b> Use for rinsing dishes, glasses, and silverware that will not be washed right away. Do not use detergent.	0:18	2.0 (7.6)

\*Adding options will add time to the cycle. See options information section. This is the approximate cycle time obtained with 120°F (49°C) hot water available at the dishwasher. Increase in time results from low temperature of the incoming water. Cycle times and water usage may increase or decrease depending on water temperature, heavy soil condition, dish load size and options selected.

Options	Can be selected with	What it does	Added time to cycle	Added Water* Gallons (Liters)
<b>High Temp</b> Raises main wash temperature to improve cleaning for loads containing tough, baked-on food.	<b>SmartWash<sup>HE</sup></b> <b>Pots &amp; Pans</b> <b>Normal Wash</b>	Raises the main wash temperature to 135°F (57°C).	0:05 to 0:13	0 - 3.9 (0 - 14.6)
<b>Sani Rinse</b> Certified to Sanitize pursuant to NSF/ANSI Standard 184 for Residential Dishwashers. Certified residential dishwashers are not intended for licensed food establishments. Only sanitizing cycles have been designed to meet the NSF/ANSI 184 performance requirements for soil removal and sanitization efficacy. ** The Sani Rinse indicator indicates at the end of the cycle whether the Sani Rinse option was successfully completed. If the indicator does not activate, it is probably due to the cycle being interrupted.	<b>SmartWash<sup>HE</sup></b> <b>Pots &amp; Pans</b> <b>Normal Wash</b>	Raises the main wash temperature to 135°F (57°C) and the final rinse temperature to 156°F (69°C).	0:05 to 1:01	0 - 3.9 (0 - 14.6)
<b>Heated Dry</b> Turns the heat element on after the wash portion of the cycle is over. Use rinse aid with or without the Heated Dry option for best drying results. Plastic items are less likely to deform when loaded in the top dish rack.	<b>Available with any cycle except Quick Rinse</b>	Turns the heat element on at the end of the wash portion of the cycle.	0:08 to 0:43	0

\*The maximum additional water used for any combination of options is 4.8 gal. (18.2 L).

\*\*There is no intention, either directly or indirectly, that all cycles on a certified dishwasher meet the NSF/ANSI 184 performance standard.

## Dishwasher Control Section

### Delay Hours (on some models)

Use this option to run your dishwasher during off-peak hours. Local utility providers recommend using energy during off-peak hours when possible. Delay displays how many hours Before the cycle will begin.

#### To delay the start

1. Select a wash cycle and options.
2. Press the delay button. Each time you press the DELAY button it will display the next available delay time.
3. Press START/RESUME to begin the delay countdown.

**NOTE:** Anytime the door is opened (such as, to add a dish), the START/RESUME button must be pressed again to resume the delay countdown.

### Control Lock Option

Use the Control Lock option to avoid unintended use of the dishwasher between cycles. When the Lock indicator is lit, all buttons are disabled. The dishwasher door can still be opened or closed while the controls are locked.

#### To turn on the Lock

Press and hold SANI RINSE for 3 seconds. The Lock indicator will light up. If you press any pad while your dishwasher is locked, the light flashes 3 times.

**NOTE:** The dishwasher cannot start if the control is locked.

#### To turn off the Lock

Press and hold SANI RINSE for 3 seconds. The light turns off

---

## Dishwasher Feedback Section

### Status Indicator Lights



The full lit display will glow for wash, drying, sanitized, and complete. It will also display the estimated remaining time for the cycle in hours and minutes.

The indicator light (on some models) is green when running and off when the cycle is complete.

### Selecting Cycles and Options

1. Select the desired cycle. If you want to run the last cycle that was completed, you can simply press START once to show which options you used, then press START again to start the cycle.
2. Select the desired options. Not all options are available for every cycle. If an invalid option is selected for a given cycle, the lights will flash.

### Turning OFF/ON the Sound

Press and hold HIGH TEMP for 3 seconds to toggle sound ON and OFF. The sound will not be deactivated for cycle interruption.

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## Canceling A Cycle

1. Open the door slightly to stop the cycle. Wait for the spraying action to stop before completely opening the door.
2. To cancel selections and/or drain press and hold the START/RESUME button for 3 seconds. If you drain the dishwasher by selecting CANCEL/DRAIN the word drain will turn on and the time display will show minutes of drain remaining. The drain will not begin until the door is closed.
3. Close the door within 3 seconds. The dishwasher starts a drain cycle (if water remains in bottom of dishwasher). Let the dishwasher drain completely. The Cancel/Drain light turns off after 2 minutes.

---

## Changing A Cycle After Dishwasher Is Started

You can interrupt a cycle and restart your dishwasher from the beginning using the following procedure.

1. See steps in the previous "Canceling A Cycle" section for canceling the current cycle.
2. Check that detergent dispenser cover is still closed. If cover is open, you will need to refill the detergent dispenser before restarting your new cycle.
3. Select new cycles and options.
4. Press START/RESUME.

# WASHING SPECIAL ITEMS

If you have doubts about washing a particular item, check with the manufacturer to see if it is dishwasher safe.

Material	Dishwasher Safe?	Comments
Aluminum	<b>Yes</b>	High water temperature and detergents can affect finish of anodized aluminum.
Disposable Aluminum	<b>No</b>	Do not wash disposable aluminum pans in the dishwasher. These might shift during washing and transfer black marks to dishes and other items.
Bottles and Cans	<b>No</b>	Wash bottles and cans by hand. Labels attached with glue can loosen and clog the wash system and reduce washing performance.
Cast Iron	<b>No</b>	Seasoning will be removed and then cast iron will rust.
China/Stoneware	<b>Yes</b>	Always check manufacturer's recommendations before washing. Antique, hand-painted, or over-the-glaze patterns may fade. Gold leaf can discolor or fade.
Crystal	<b>Yes</b>	Always check manufacturer's recommendations before washing. Some types of leaded crystal can etch with repeated washing.
Gold	<b>No</b>	Gold-colored flatware will discolor.
Glass	<b>Yes</b>	Milk glass material yellows with repeated dishwasher washing.
Hollow-Handle Knives	<b>No</b>	Handles of some knives are attached to the blade with adhesives which can loosen if washed in the dishwasher.
Pewter, Brass, Bronze, and Copper	<b>No</b>	High water temperatures and detergent can discolor or pit the finish.
Disposable Plastics	<b>No</b>	Cannot withstand high water temperatures and detergents.
Plastics	<b>Yes</b>	Always check manufacturer's recommendations before washing. Plastic items may vary in their ability to withstand high temperatures and detergents. It is recommended that lightweight items such as lids and butter dishes be placed in the upper rack only. Sturdy items such as coolers and high-chair trays may be placed in the lower rack. When washing plastic items in the lower rack, it is recommended not to use the Heated Dry option.
Stainless Steel	<b>Yes</b>	Run a rinse cycle if not washing immediately. Prolonged contact with food containing salt, vinegar, milk products, or fruit juice can damage finish.
Sterling Silver or Silver Plate	<b>Yes</b>	Run a rinse cycle if not washing immediately. Prolonged contact with food containing salt, acid, or sulfide (eggs, mayonnaise, and seafood) can damage finish.
Tin	<b>No</b>	Not recommended.
Wooden Ware	<b>No</b>	Wash by hand. Always check manufacturer's instructions before washing. Untreated wood can warp, crack, or lose its finish.

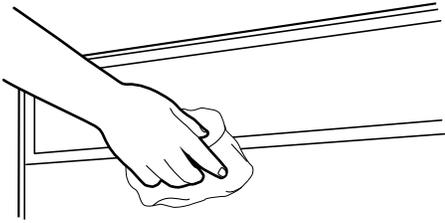
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# DISHWASHER CARE

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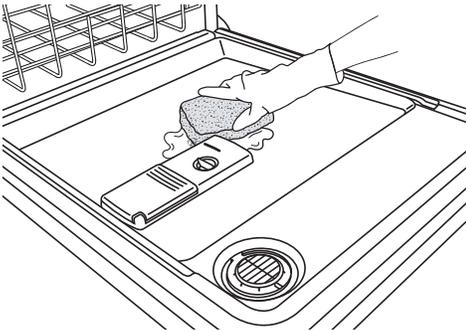
## Cleaning

### Cleaning the exterior



In most cases, regular use of a soft, damp cloth or sponge and a mild detergent is all that is necessary to keep the outside of your dishwasher looking nice and clean. If your dishwasher has a stainless steel exterior, a stainless steel cleaner is recommended.

### Cleaning the interior



Hard water minerals can cause a white film to build up on the inside surfaces, especially just beneath the door area.

Do not clean the dishwasher interior until it has cooled. You may want to wear rubber gloves. Do not use any type of cleanser other than dishwasher detergent because it may cause foaming or sudsing.

#### To clean interior

Make a paste with powdered dishwasher detergent on a damp sponge and clean.

**OR**

Use liquid automatic dishwasher detergent and clean with a damp sponge.

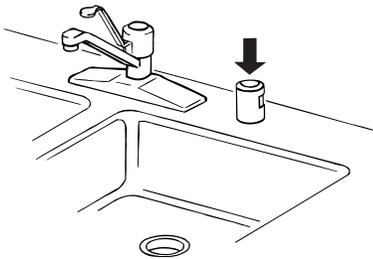
**OR**

See the vinegar rinse procedure in “Cloudy or spotted dishware” in “Troubleshooting” section.

**NOTE:** Run a normal cycle with dishwasher detergent after cleaning the interior.

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## Drain Air Gap



Some state or local plumbing codes require the addition of a drain air gap between a built-in dishwasher and the home drain system. Check the drain air gap when your dishwasher is not draining well.

The drain air gap is usually located on top of the sink or countertop near the dishwasher. To order a drain air gap, please call **1-844-553-6667**. Ask for Part Number 300096.

**NOTE:** The drain air gap is an external plumbing device that is not part of your dishwasher. The warranty provided with your dishwasher does not cover service costs directly associated with the cleaning or repair of the external drain air gap.

### To clean the drain air gap

Clean the drain air gap periodically to ensure proper drainage of your dishwasher. With most types, you lift off the chrome cover. Unscrew the plastic cap. Then check for any soil buildup. Clean if necessary.

---

## Vacation or Extended Time Without Use

### To reduce the risk of property damage

- If you will not be using the dishwasher during the summer months, turn off the water and power supply to the dishwasher.
- Make sure the water supply lines are protected against freezing conditions. Ice formations in the supply lines can increase water pressure and damage your dishwasher or home. Damage from freezing is not covered by the warranty.
- When storing your dishwasher in the winter, avoid water damage by having your dishwasher winterized by authorized service personnel.

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# TROUBLESHOOTING

CHECK THESE POINTS TO HELP SAVE YOU TIME AND MONEY.

PROBLEM	SOLUTION
<b>DISHWASHER DOES NOT RUN</b>	<p><b>NOTE:</b> It is normal for the dishwasher to repeatedly pause several times during a cycle.</p> <p>If the Start/Resume light is blinking, close the door and press START/RESUME or press START/RESUME and close the door within 3 seconds.</p> <p>Be sure the door is closed and latched.</p> <p>Check that there is not an interference with large casserole dishes and the wash system at the back of the dishwasher. Adjust loading as necessary to ensure door is closed and latched.</p> <p>Be sure the Control/Lock feature is not on. (Control/Lock indicator will be lit.)</p> <p>Be sure you have selected a cycle. (See “Cycles and Options Information.”)</p> <p>Be sure there is power to the dishwasher. A circuit breaker or fuse may have tripped.</p> <p>If lights other than Start/Resume blink and the unit will not run, you will need to call for service.</p>
<b>DETERGENT REMAINS IN THE DISPENSER OR TABLET IS ON BOTTOM OF TUB</b>	<p>Check for dishware such as cookie sheets, cutting boards, or large containers, etc., that may be blocking the detergent dispenser from opening properly.</p> <p>Be sure your detergent is fresh and lump free.</p> <p>Be sure the cycle has completed. The Complete indicator will be on in the display and the front status light (on some models) will be off. If it has not completed, you will need to resume the cycle. Close the door and press START/RESUME or press START/RESUME and close the door within 3 seconds.</p>
<b>CYCLE RUNS TOO LONG</b>	<p><b>NOTES:</b></p> <ul style="list-style-type: none"><li>■ To use less water and reduce energy consumption you will encounter cycles that typically run for up to 3 hours. To wash dishes with less water the dishwasher must run longer. The dishwasher uses less energy to run than your water heater does to heat the water that the dishwasher is using.</li><li>■ A water heater setting of 120°F (49°C) is best. The dishwasher will delay longer while heating cooler water.</li><li>■ Some options will add time to the cycle. (See “Cycles and Options Information” section.)</li></ul> <p>Try the 1 Hour Wash cycle. The 1 Hour Wash uses more energy and water to clean the dishes in less time.</p> <p>Run the hot water at a faucet close to the dishwasher before selecting and starting the cycle.</p>
<b>DISHWASHER NOT DRYING</b>	<p><b>NOTE:</b> Plastic and items with nonstick surfaces are difficult to dry because they have a porous surface which tends to collect water droplets. Towel drying may be necessary.</p> <p>Use of rinse aid along with the Heated Dry option is needed for proper drying.</p> <p>Proper loading of items can affect drying. (See specific loading instructions within this guide.)</p> <p>Glasses and cups with concave bottoms hold water. This water may spill onto other items when unloading.</p> <ul style="list-style-type: none"><li>■ Unload the bottom rack first.</li><li>■ Locate these items on the more slanted side of the rack for improved results.</li></ul>
<b>WILL NOT FILL</b>	<p>Be sure the water is turned on to the dishwasher.</p> <p>Check that the float is free from obstructions. (See “Parts and Features.”)</p> <p>Check for suds in the dishwasher. If foam or suds are detected, the dishwasher may not operate properly or may not fill with water.</p>

PROBLEM	SOLUTION
<b>WATER REMAINS IN THE TUB/ WILL NOT DRAIN</b>	<p>Be sure the cycle has completed. The Complete indicator will be turned on in the display and the front status light (on some models) will be off. If it has not completed, you will need to resume the cycle by closing the door and pressing START/RESUME or press START/RESUME and close the door within 3 seconds.</p> <p>If dishwasher is connected to a food waste disposer, be sure the knockout plug has been removed from the disposer inlet.</p> <p>Check for kinks in the drain hose.</p> <p>Check for food obstructions in the drain or disposer.</p> <p>Check your house fuse or circuit breaker.</p> <p>Remove and clean the ULTRA WASH® filters and check for any food buildup underneath.</p>
<b>HARD WATER (WHITE RESIDUE ON DISHWASHER INTERIOR OR GLASSWARE)</b>	<p><b>NOTE:</b> Extremely hard water mineral deposits can cause damage to your dishwasher and make it difficult to achieve good cleaning. You may bring water samples to Sears to check your water hardness level. A water softener is strongly recommended if your hardness is 15 grains or more. If a water softener is not installed, the following steps may help:</p> <p>Use a commercial cleaner designed for dishwashers once per month.</p> <p>Clean the ULTRA WASH® <sup>HE</sup> filters at least once per month.</p> <p>Always use a rinse aid.</p> <p>Always use fresh high quality tablets or packs of detergent for improved performance.</p> <p>Use a detergent booster/water softener additive designed for dishwashers.</p>
<b>ODORS</b>	<p><b>NOTE:</b> If the dishwasher is not used daily, you can run a rinse cycle with a partial load until a full load is ready to run.</p> <p>Run a vinegar rinse through the dishwasher by putting 2 cups (500 mL) of white vinegar in an upright glass measuring cup in the lower rack. Run a Normal Wash cycle with the Heated Dry option turned OFF. Do not use detergent.</p> <p>The dishwasher may not be draining properly, see “WATER REMAINS IN THE TUB/WILL NOT DRAIN” in “Troubleshooting.”</p>
<b>NOISY</b>	<p><b>NOTES:</b></p> <ul style="list-style-type: none"> <li>■ Surging sounds can occur periodically throughout the cycle while the dishwasher is draining.</li> <li>■ Normal water valve hissing may be heard periodically.</li> <li>■ A normal snap sound may be heard when the detergent dispenser opens during the cycle and when the door is opened at the end of the cycle.</li> <li>■ Improper installation will affect noise levels.</li> </ul> <p>Be sure the filters are properly installed.</p> <p>A thumping sound may be heard if items extend beyond the racks and interfere with the wash arms. Readjust the dishware and resume the cycle.</p>
<b>FOOD SOILS REMAIN ON DISHES</b>	<p>Be sure the dishwasher is loaded correctly. Improper loading can greatly decrease the washing performance (see “Loading for Best Cleaning and Drying Performance”).</p> <p>Check filter to ensure it is properly installed. Clean it if needed. (See “Cleaning Instructions” in “ULTRA WASH® <sup>HE</sup> Filtration System” for details.)</p> <p>Select the proper cycle and option for the type of soils. The Pots &amp; Pans cycle can be used for tougher loads.</p> <p>Be sure the incoming water temperature is at least 120°F (49°C).</p> <p>Use the proper amount of fresh detergent. More detergent is needed for heavier-soiled loads and hard water conditions.</p> <p>Scrape food from dishes prior to loading (do not prerinse).</p>
<b>DID NOT SANITIZE</b>	<p>If Sanitized is blinking, the load is <i>NOT</i> sanitized. The cycle was interrupted in the final rinse, or your water heater is set too low. Set your water heater to 120°F (49°C).</p>
<b>DAMAGE TO DISHWARE</b>	<p>Improper loading can cause dishes to become chipped or damaged. (See specific loading instructions within this guide.)</p>

PROBLEM	SOLUTION
<b>BLINKING LIGHTS</b>	If Start/Resume or any status lights are blinking and the dishwasher will not run, close the door and push START/RESUME or press START/RESUME and close the door within 3 seconds. If the dishwasher still will not run, call service.
<b>CLOUDY OR SPOTTED DISHWARE (AND HARD WATER SOLUTION)</b>	<p><b>NOTES:</b></p> <ul style="list-style-type: none"> <li>■ Liquid rinse aid, in addition to all in one tablets or packs, is necessary for drying and to reduce spotting.</li> <li>■ Use the correct amount of detergent.</li> </ul> <p>Confirm that the cloudiness is removable by soaking the item in white vinegar for 5 minutes. If the cloudiness disappears, it is due to hard water. Adjust the amount of detergent and rinse aid. See “Hard water (white residue on dishwasher interior or glassware)” in “Troubleshooting.” If it does not come clear, it is due to etching (see below).</p> <p>Be sure the incoming water temperature is set at 120°F (49°C).</p> <p>Try using the High Temp and Sani Rinse options.</p> <p>To remove spotting, run a vinegar rinse through the dishwasher.</p> <ul style="list-style-type: none"> <li>■ Wash and rinse the affected dishware and load into dishwasher. Remove all silverware and metal items. Put 2 cups (500 mL) of white vinegar in a glass measuring cup in the lower rack. Run a Normal Wash cycle with the Heated Dry option turned OFF. No detergent is needed.</li> </ul>
<b>ETCHING (PERMANENT CLOUDINESS)</b>	This is an erosion of the surface of the glassware and can be caused by a combination of: water that is too hot, from using too much detergent with soft water or by pre-washing. Detergent needs food soil to act upon. If etching has occurred, the glassware is permanently damaged. To avoid further etching, adjust the detergent amount to match the water hardness, stop pre-washing, and use water heating options only when incoming water temperature is below 120°F (49°C).
<b>LEAKING WATER</b>	<p>Be sure dishwasher has been installed properly and is level.</p> <p>Suds can cause the dishwasher to overflow. Measure the detergent accurately and use only detergents designed for use in a dishwasher. Less detergent is needed in soft water. Try another brand of detergent if sudsing continues.</p> <p>To avoid rinse aid leaking from the dispenser, be sure the lid is securely attached and avoid overfilling.</p>
<b>TUB IS DISCOLORED</b>	<p><b>NOTES:</b></p> <ul style="list-style-type: none"> <li>■ High iron content in the water can discolor the tub.</li> <li>■ Tomato-based foods can discolor the tub or dishware.</li> <li>■ A citrus-based cleaner can be used to clean.</li> </ul>

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## NOTES

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