

## DISHWASHER USER INSTRUCTIONS

Thank you for Choosing KitchenAid® Appliances.

We hold our company to the highest quality standards and it is important to us that you have a positive experience owning a KitchenAid® product.

For your convenience, we have provided an easy to follow User Instruction Book. These instructions include a “Troubleshooting” section to help you through any problems you may encounter.

For additional information, you can visit the Frequently Asked Questions (FAQs) section of our website at [www.kitchenaid.com](http://www.kitchenaid.com). If you need further assistance using your KitchenAid dishwasher, please contact us at 1-800-422-1230. In Canada: visit [www.kitchenaid.ca](http://www.kitchenaid.ca) or call 1-800-807-6777.

Have your complete model and serial number ready. You can find your model and serial number on the label located near the door on the right-hand or left-hand side of the dishwasher interior.

Para obtener acceso a “Instrucciones para el usuario de la lavavajillas” en español, o para obtener información adicional acerca de su producto, visite: [www.kitchenaid.com](http://www.kitchenaid.com)

Tenga listo su número completo de modelo y de serie. Puede encontrar su número de modelo y de serie en la etiqueta ubicada cerca de la puerta, al lado derecho o izquierdo del interior de la lavavajillas.

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### 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**

## 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**



## WARNING

### Tip Over Hazard

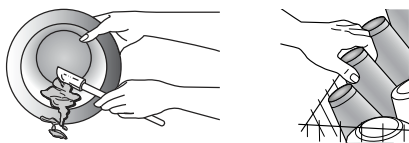
**Do not use dishwasher until completely installed.**

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

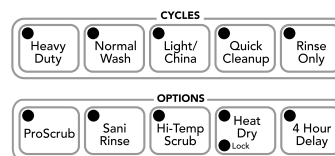
**Doing so can result in serious injury or cuts.**

## Quick Steps

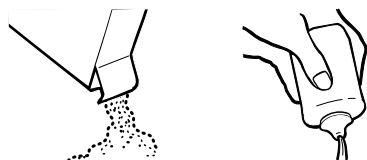
### 1 Prepare and load dishwasher.



### 3 Select a cycle and option.



### 2 Add detergent for cleaning and rinse aid for drying.



### 4 Start dishwasher.

**NOTE:** If the START/RESUME button is located on the top of door, push door firmly closed within 3 seconds of pressing START/RESUME.

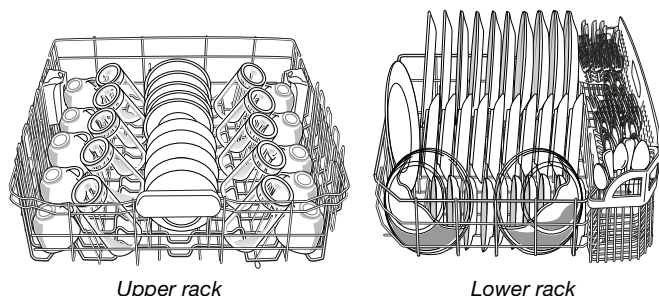


## Dishwasher Use

### STEP 1

#### Prepare and Load the Dishwasher

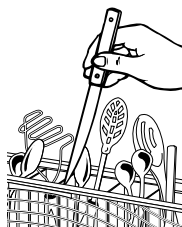
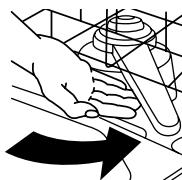
**IMPORTANT:** Remove leftover food, bones, toothpicks and other hard items from the dishes. Remove labels from containers before washing.



Upper rack

Lower rack

- Make sure nothing keeps spray arm(s) from spinning freely. It is important for the water spray to reach all soiled surfaces.
- Make sure that when the dishwasher door is closed no items are blocking the detergent dispenser.
- Items should be loaded with soiled surfaces facing down and inward to the spray as shown. This will improve cleaning and drying results.
- Avoid overlapping items like bowls or plates that may trap food.
- Place plastics, small plates and glasses in the upper rack. Wash only plastic items marked "dishwasher safe."
- To avoid thumping/clattering noises during operation: Load dishes so they do not touch one another. Make sure lightweight load items are secured in the racks.
- When loading silverware, always place sharp items pointing down and avoid "nesting" as shown.

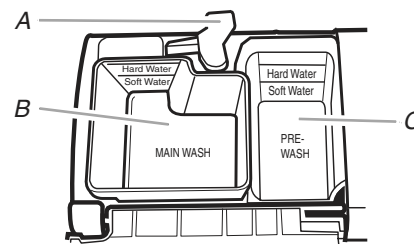


### STEP 2

#### Add Detergent

**NOTE:** If you do not plan to run a wash cycle soon, run a rinse cycle. Do not use detergent.

- Use automatic dishwasher detergent only. Add powder, liquid or tablet detergent just before starting a cycle.
- Fresh automatic dishwasher detergent results in better cleaning. Store tightly closed detergent container in a cool, dry place.



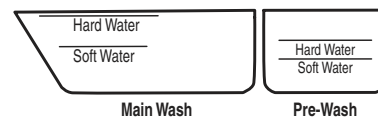
A. Cover latch  
B. Main Wash section  
C. Pre-Wash section

- The amount of detergent to use depends on:  
How much soil remains on the items - Heavily soiled loads require more detergent.  
The hardness of the water - If you use too little in hard water, dishes won't be clean. If you use too much in soft water, glassware will etch.

Soft to Medium Water (0-6 grains per U.S. gallon)  
[typical water softener water and some city water]  
Medium to Hard Water (7-12 grains per U.S. gallon)  
[well water and some city water]

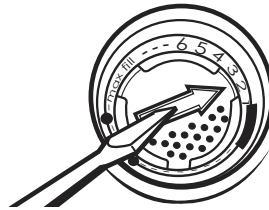
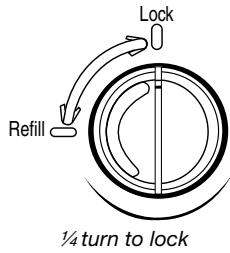
- Depending on your water hardness, fill the Main Wash section of the dispenser as shown. Fill the Pre-Wash section to the level shown, if needed.

**NOTE:** Fill amounts shown are for standard powdered detergent. Follow instructions on the package when using other dishwasher detergent.



## Add Rinse Aid

- Your dishwasher is designed to use rinse aid for good drying performance. Without rinse aid your dishes and dishwasher interior will have excessive moisture. The heat dry option will not perform as well without rinse aid.
- Rinse aid keeps water from forming droplets that can dry as spots or streaks. They also improve drying by allowing water to drain off of the dishes after the final rinse.
- Rinse aid helps to reduce excess moisture on the dish racks and interior of your dishwasher.
- Check the rinse aid indicator. Add rinse aid when indicator drops to "Add" level.
- To add rinse aid, turn the dispenser cap to "Refill" and lift off. Pour rinse aid into the opening until the indicator level is at "Full." Replace the dispenser cap and turn to "Lock." Make sure cap is fully locked.



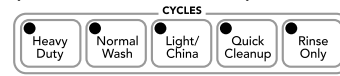
**NOTE:** For most water conditions, the factory setting of 2 will give good results. If you have hard water or notice rings or spots, try a higher setting. Turn the arrow adjuster inside the dispenser by either using your fingers or inserting a flat-blade screwdriver into the center of the arrow and turning.

## STEP 3

### Select a Cycle (cycles vary by model)

See "Cycle and Option Descriptions" charts in the following section.

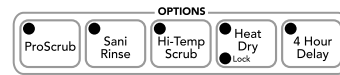
Heavier cycles and options affect cycle length. Some cycles and options will take up to 3½ hours to complete.



### Select Options (options vary by model)

See "Cycle and Option Descriptions" charts in the following section.

You can customize your cycles by pressing the options desired.



## STEP 4

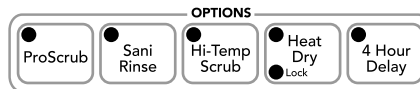
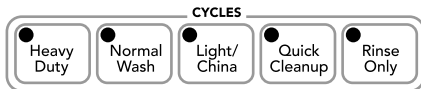
### Start or Resume a Cycle

- Run hot water at the sink nearest your dishwasher until the water is hot. Turn off water.
- Push door firmly closed. The door latches automatically. Select the wash cycle and options desired OR press START/RESUME to repeat the same cycle and options as in the previous wash cycle.
- You can add an item anytime before the main wash starts. Open the door slowly and add the item. Close the door firmly. Press START/RESUME.



**Note:** If the START/RESUME button is located on top of door, push door firmly closed within 3 seconds of pressing START/RESUME.

## Cycle and Option Descriptions



- Washing
- Drying
- Clean
- Sanitized

This information covers several different models. Your dishwasher may not have all the cycles and options described.

### CYCLE SELECTIONS







CYCLES	DISH LOAD TYPES	DESCRIPTIONS	WASH TIME (HH:MM)		
			Cycle Minimum	Cycle + Options Minimum	*Maximum
● Heavy Duty	Use for hard-to-clean, heavily soiled pots, pans, casseroles, and regular tableware.	During the wash, the wash action will repeatedly pause for several seconds.	1:39	2:09	3:30
● Normal Wash	Use for loads with normal amounts of food soil.	The energy-usage label is based on this cycle. During the wash, the wash action will repeatedly pause for several seconds.	1:11	1:41	3:30
● Light/China	Use for lightly soiled items or china and crystal.	During the wash, the wash action will repeatedly pause for several seconds.	1:17	1:47	2:51
● Quick Cleanup	Use to quickly wash prerinsed glasses or dish loads.	This cycle does not dry.	0:30	none	none
● Rinse Only	Use for rinsing dishes, glasses, and silverware that will not be washed right away.	This cycle does not dry. Do not use detergent.	0:10	none	none

You can customize your cycle by selecting an option.

See option selections. If you change your mind, press the option again to turn off the option, or select a different option. You can change an option anytime before the selected option begins.



\*Maximum wash times depend on water temperature, heavy soil condition, dish load size and options selected.

## OPTION SELECTIONS

OPTIONS	DISH LOAD TYPES	DESCRIPTIONS	USE WITH:
	Pans, casseroles, etc. with tough food soil.	Activates the PROSCRUB® spray jets and provides intensified water spray to the back of the lower level rack. May add heat and time to the cycle.	Heavy Duty or Normal cycle
	To sanitize your dishes and glassware in accordance with NSF/ANSI Standard 184 for Residential Dishwashers.	Raises the water temperature in the final rinse to approximately 155°F (68°C). This high temperature rinse sanitizes your dishes and glassware in accordance with NSF/ANSI Standard 184 for Residential Dishwashers. Certified residential dishwashers are not intended for licensed food establishments.  The Sanitize or Sani Rinse option adds heat and time to the cycle.	Normal cycle. Heavy Duty cycle automatically uses Sani Rinse. Only these sanitization cycles have been designed to meet the NSF/ANSI requirements.
	Loads containing tough, baked-on food.	Increases the target water temperature during the wash portions of the cycle.  Adds heat, wash time and water to the cycle.	Heavy Duty or Normal cycles
	For best drying results, dry dishes with heat.	Turn OFF when loads contain plastic dinnerware that may be sensitive to high temperatures.  This option with the use of rinse aid will provide the best drying performance.	All cycles, except Rinse Only. Automatic with all wash cycles unless you turn it off.
	To run your dishwasher at a later time or during off-peak hours.	Delays the start of a cycle up to 4 hours.  Select a wash cycle and options. Press 4 Hour Delay. Press START/RESUME. Close the door firmly.	All cycles, except Rinse Only
<b>Control Lock</b> 	To avoid unintended use of your dishwasher, or cycle and option changes during a cycle.	To turn on Lock, press and hold Heat Dry for at least 4 seconds.  To turn off Lock, press and hold Heat Dry for at least 4 seconds.  When Control Lock is lit, all buttons are disabled. If you press any pad while your dishwasher is locked, the light flashes 3 times. The dishwasher door can be opened while the controls are locked.	Anytime

**IMPORTANT:** The sensor in your dishwasher monitors the soil level. Cycle time and/or water usage can vary as the sensor adjusts the cycle for the best wash performance. If the incoming water is less than the recommended temperature or food soils are heavy, the cycle will automatically compensate by adding time, heat and water as needed.

## CONTROLS AND CYCLE STATUS

CONTROL	PURPOSE	COMMENTS
	To start or resume a wash cycle	If the door is opened during a cycle or the power is interrupted, the START/RESUME indicator flashes. The cycle will not resume until the door is closed and START/RESUME is pressed. <b>Note:</b> If the START/RESUME button is located on top of door, push door firmly closed within 3 seconds of pressing START/RESUME.
	To cancel wash cycle	Close the door firmly. The dishwasher starts a 2-minute drain (if needed). Let the dishwasher drain completely.
<ul style="list-style-type: none"> <li>● Washing</li> <li>● Drying</li> <li>● Clean</li> <li>● Sanitized</li> </ul>	To follow the progress of your dishwasher cycle	Clean indicator glows when a cycle is finished.  If you select the Sani Rinse option, when the Sani Rinse cycle is finished, the Sanitized indicator glows. If your dishwasher did not properly sanitize your dishes, the light flashes at the end of the cycle. This can happen if the cycle is interrupted, or the water could not be heated to the required temperature. The light goes off when you open and close the door or press CANCEL.



## Dishwasher Features

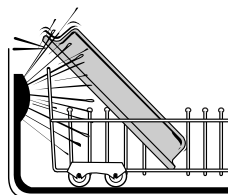
Your KitchenAid dishwasher may have some or all of these features.

### PROSCRUB® Wash Area

The PROSCRUB® wash area is located at the back of the lower level rack.

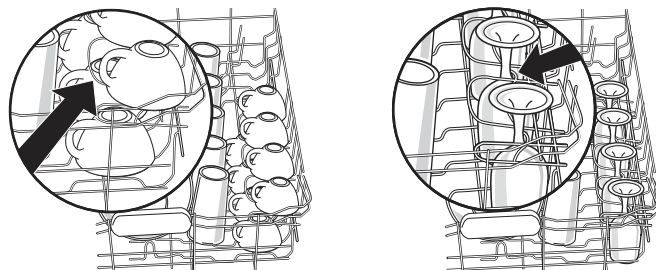
**NOTE:** You must select the PROSCRUB® wash option to use this feature. Make sure items do not interfere with the water feed tube, spray arms, or PROSCRUB® spray jets.

- Load pans, casserole dishes, etc. in the back of the lower dish rack with the soiled surfaces facing the PROSCRUB® spray jets.
- Only one row of items may face the PROSCRUB® spray jets. Stacking, overlapping or nesting items will keep the PROSCRUB® spray jets from contacting all of the surfaces.



### SURE-HOLD® Cup and Stemware Holder

Fold down the extra shelf on the left-hand or right-hand side of the mid level rack to hold additional cups, stemware or long items such as utensils and spatulas.



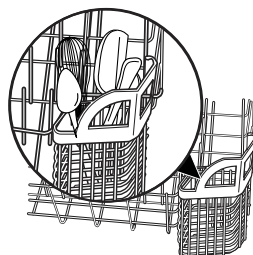
**NOTE:** Remove the culinary tool basket(s) when washing tall stemware or other tall items in the mid level rack.

### CULINARY CADDY® Utensil Basket

Use the utensil basket to hold specialty cooking utensils (serving spoons, spatulas, and similar items), or overflow silverware items.

The basket hangs on the bottom rack in the right-hand corner. Load the basket while it is on the bottom rack or remove the basket for loading on a counter or table.

**NOTE:** Spin the spray arms. Be sure items in the basket do not stop the rotation of the spray arms.

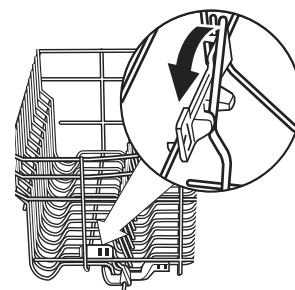


### FLEXI-FOLD DOWN™ Flexible Tines

The row of tines on the left-hand and right-hand sides of the mid-level rack can be adjusted to make room for a variety of dishes.

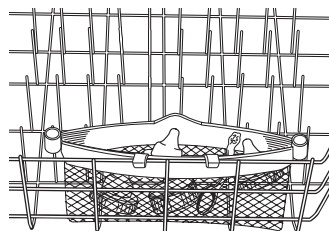
**To adjust the fold-down tines:**

1. Grasp the tip of the tine that is in the tine holder.
2. Gently push the tine out of the holder.
3. Lay the tines down, toward the center of the rack.



### SURE-HOLD® Small Items Mesh Pouch

This pouch hangs on the front of the bottom rack. Use it to hold small items that could otherwise “fly” around inside the dishwasher during a cycle.

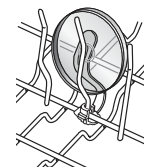


### SURE-HOLD® Light Item Clips

The light item clips hold lightweight plastic items such as cups, lids, or bowls in place during washing.

**To move a clip:**

1. Pull the clip up and off the tine.
2. Reposition the clip on another tine.



### Adjustable 2-Position Mid Level Rack

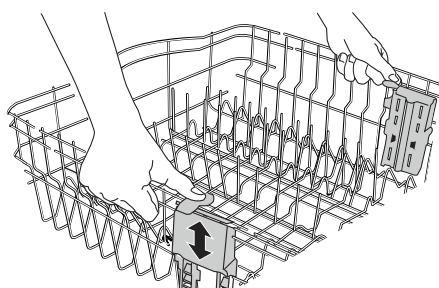
After removing the culinary tool rack, you can raise or lower the mid level rack to fit tall items in either the mid level or bottom rack. Adjusters are located on each side of the mid level rack. Each adjuster has 2 preset positions. The high and low positions are marked on the adjuster.

**IMPORTANT:** If using the culinary tool baskets in the Down position, the mid level rack must also be in the lowest position.

To raise the rack, press both rack adjusters and lift the rack until it is in the Up position and level.

To lower the rack, press both rack adjusters and slide the rack back to its lower position.

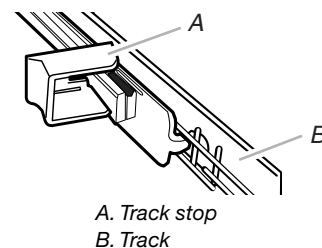
**NOTE:** The mid level rack must be level.



### Removable Culinary Tool Racks

**To remove the rack:**

1. To access track stops, pull the rack forward until it stops and clicks into place.
2. To open track stops, flip the track stop to the outside of the track.
3. After opening both track stops, slide front wheels up and out of the slot in track. Continue to pull rack forward in track and slide the back wheels up and out of the track.
4. Close track stops.
5. Slide rack tracks back into dishwasher.



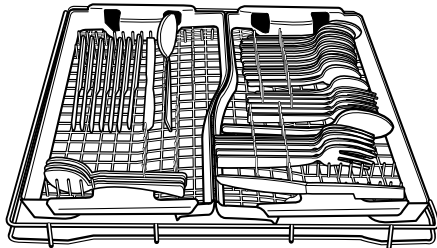
**To replace the rack:**

1. Gently pull rack tracks forward in dishwasher until they stop and click into place.
2. To open track stops, flip the track stop to the outside of the track.
3. Place the back rack rollers on each side of the rack into the track slot and roll the rack back into the tracks.
4. Insert front rack rollers on each side of the rack into the rack slots.
5. Close track stops on both sides of rack and slide rack back into dishwasher.

**Culinary Tool Rack**

The culinary tool rack is designed with 2 movable baskets to hold extra silverware, knives and cooking utensils.

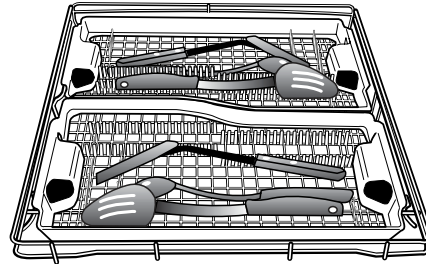
Install the baskets in this up position when you have extra silverware and flatware to wash.



*Up position*

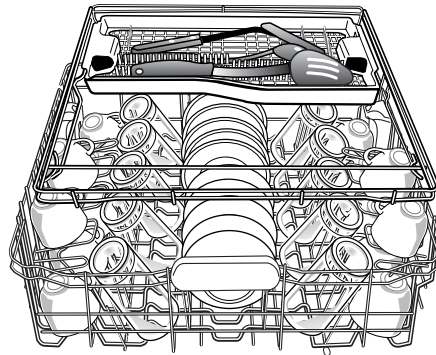
Install the baskets in this down position when you have extra silverware, knives, or utensils requiring more room to wash.

**IMPORTANT:** When you are using the culinary tool baskets in the down position, the mid level rack must also be in the lowest position.



*Down position*

Remove the front basket in the down position, when you are using the cup shelves or other tall items in the mid level rack for more room.



**Dishwasher Care**

**Cleaning the Dishwasher**

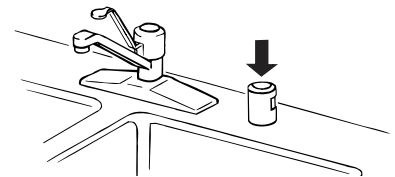
Clean the exterior of the dishwasher with a soft, damp cloth and mild detergent. If your dishwasher has a stainless steel exterior, a stainless steel cleaner is recommended.

Clean the interior of the dishwasher, with a paste of powdered dishwasher detergent and water or use liquid dishwasher detergent on a damp sponge to clean the cooled-down interior.

A white vinegar rinse may remove white spots and film. Vinegar is an acid, and using it too often could damage your dishwasher.

Put 2 cups (500 mL) white vinegar in a glass or dishwasher-safe measuring cup on the bottom rack. Run the dishwasher through a complete washing cycle using an air-dry or an energy-saving dry option. Do not use detergent. Vinegar will mix with the wash water.

If you have a drain air gap, check and clean it if the dishwasher isn't draining well.



**Storing the Dishwasher**

If you will not be using the dishwasher during the summer months, turn off the water and power supply to the dishwasher. In the winter, if the dishwasher could be exposed to near freezing temperatures or is left in a seasonal dwelling such as a second home or vacation home, avoid water damage by having your dishwasher winterized by authorized service personnel.

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## Troubleshooting

First try the solutions suggested here or visit our website and reference FAQs (Frequently Asked Questions) to possibly avoid the cost of a service call.

In the U.S.A., [www.kitchenaid.com](http://www.kitchenaid.com) In Canada, [www.kitchenaid.ca](http://www.kitchenaid.ca)

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### Dishwasher is not operating properly

#### ■ Dishwasher does not run

##### NOTES:

- It is normal for the dishwasher to repeatedly pause several times during a cycle. If the START/RESUME light is blinking, press START/RESUME.
- If the START/RESUME button is located on top of door, push door firmly closed within 3 seconds of pressing START/RESUME.

Be sure the door is closed and latched.

Be sure you have selected a cycle. (See “Cycles and Options Descriptions.”)

Be sure there is power to the dishwasher. A circuit breaker or fuse may have tripped.

If lights other than START/RESUME blink and the unit will not run, you will need to call for service.

#### ■ Detergent remains in the dispenser or tablet is on the bottom of tub

Check for dishware such as cookie sheets, cutting boards, or large containers, etc. that may be blocking the detergent dispenser from opening properly.

Be sure your detergent is fresh and lump free.

Be sure the cycle has completed (green light is on). If it has not completed, you will need to resume the cycle by pressing START/RESUME and closing the door within 3 seconds.

#### ■ Cycles run too long

##### NOTES:

To use less water and reduce energy consumption you will encounter cycles that typically run for up to 3 hours.

A water heater setting of 120°F (49°C) is best, the dishwasher will delay longer while heating cooler water.

Some options will add time to the cycle. (See “Cycles and Options Descriptions” section.) The Heated Dry option adds ½ hour.

Try the Quick Cleanup cycle.

Run the hot water at a faucet close to the dishwasher before starting the cycle.

#### ■ Dishwasher not drying

**NOTE:** Plastic and items with nonstick surfaces are difficult to dry because they have a porous surface which tend to collect water droplets. Towel drying may be necessary.

Use of rinse aid along with the Heated Dry option is needed for proper drying.

Proper loading of items can affect drying. (See specific loading instructions within this guide.)

Glasses and cups with concave bottoms hold water. This water may spill onto other items when unloading.

- Unload the bottom rack first.
- Locate these items on the more slanted side of the rack for improved results.

#### ■ Will not fill

Be sure the water is turned on to the dishwasher.

Check that the float is free from obstructions. (See Dishwasher Features.”)

Check for suds in the dishwasher. If foam or suds are detected, the dishwasher may not operate properly or may not fill with water.

#### ■ Water remains in the tub/will not drain

Be sure the cycle has completed (the green light is on). If it has not, you will need to resume the cycle by pressing START/RESUME and closing the door within 3 seconds.

If dishwasher is connected to a food waste disposer, be sure the knockout plug has been removed from the disposer inlet.

Check for kinks in the drain hose.

Check for food obstructions in the drain or disposer.

Check your house fuse or circuit breaker.

#### ■ Condensation on the kitchen counter (built-in models)

Is the dishwasher aligned with the countertop? Moisture from the vent in the dishwasher console can form on the counter. Refer to the Installation Instructions for more information.

#### ■ Hard Water (white residue on the dishwasher interior or glassware)

**NOTE:** Extremely hard water mineral deposits can cause damage to your dishwasher and make it difficult to achieve good cleaning. 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

Use a commercial cleaner designed for dishwashers once per month.

Always use a rinse aid

Always use a high-quality, fresh detergent.

Use a detergent booster/water softener or additive designed for dishwashers.

#### ■ Odors

**NOTE:** If the dishwasher is not used daily, you can run a rinse cycle with the partial load daily until a full load is ready to run.

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 cycle with the Heated Dry option turned off. Do not use detergent.

The dishwasher may not be draining properly, see “Water remains in the tub/will not drain” in “Troubleshooting.”



## ■ Noisy

### NOTES:

- Surging sounds can occur periodically throughout the cycle while the dishwasher is draining.
- Normal water valve hissing may be heard periodically.
- 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.
- Improper installation will affect noise levels.

Be sure the filters are properly installed.

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.

## ■ Food soils remain on dishes

Be sure the dishwasher is loaded correctly. Improper loading can greatly decrease the washing performance (see "Dishwasher Use.")

Select the proper cycle and options for the type of soils. The Heavy Duty cycle with the Hi-Temp Scrub option can be used for tougher loads.

Be sure the incoming water temperature is at least 120°F (49°C).

Use the proper amount of fresh detergent. More detergent is needed for heavier-soiled loads and hard water conditions.

Scrape food from dishes prior to loading (do not prerinse).

## ■ Dishes in the PROSCRUB® wash are not clean

Are the dishes loaded to face the PROSCRUB® spray jets? Load soiled dish surfaces to face the back of the dishwasher toward the PROSCRUB® spray jets. Tilt the dishes toward the back so water can drain from surfaces, and the lower spray arm can wash the item from below.

**NOTE:** Loaded items may shift when dish racks are pushed into the dishwasher. Make sure dishes do not interfere with the spray arms, water feed tube or PROSCRUB® spray jets.

Are items loaded so they do not overlap? Load items only on row deep without any overlap so that the PROSCRUB® spray jets can reach all surfaces.

## ■ Did not sanitize

If the sanitized light is blinking, the load is not 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).

## ■ Damage to dishware

Improper loading can cause dishes to become chipped or damaged. (See specific loading instructions within this guide.)

## ■ Blinking lights

If the START/RESUME light is blinking, press START/RESUME and close the door within 3 seconds.

If the Clean light or any other lights are blinking and the dishwasher will not run, call for service.

## ■ Cloudy or spotted dishware (and hard water solution)

### NOTES:

- Liquid rinse aid is necessary for drying and to reduce spotting.
- Use the correct amount of detergent.

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 and glassware]") in "Troubleshooting." If it does not come clear, it is due to etching (see below).

Be sure the incoming water temperature is set at 120°F (49°C).

Try using the Hi-Temp Scrub and Sani Rinse options.

To remove spotting, run a vinegar rinse through the dishwasher.

- Wash and rinse the affected dishware and load into dishwasher. Remove all silver ware and metal items. Put 2 cups (500 mL) of white vinegar in a glass measuring cup in the lower rack. Run a normal cycle with the Heated Dry option turned off. No detergent is needed.

## ■ Etching (permanent cloudiness)

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 prewashing. 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).

## ■ Leaking water

Be sure dishwasher has been installed properly and is level.

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.

To avoid rinse aid leaking from the dispenser, be sure the lid is securely attached and avoid overfilling.

## ■ Tub is discolored

### NOTES:

- High iron content in the water can discolor the tub.
- Tomato-based foods can discolor the tub or dishware.

A citrus-based cleaner can be used to clean.

# KITCHENAID® DISHWASHER WARRANTY

## LIMITED WARRANTY

For one year from the date of purchase, when this major appliance is operated and maintained according to instructions attached to or furnished with the product, KitchenAid brand of Whirlpool Corporation or Whirlpool Canada LP (hereafter "KitchenAid") will pay for factory specified parts and repair labor to correct defects in materials or workmanship that existed when this major appliance was purchased. Service must be provided by a KitchenAid designated service company. YOUR SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR AS PROVIDED HEREIN. This limited warranty is valid only in the United States or Canada and applies only when the major appliance is used in the country in which it was purchased. Proof of original purchase date is required to obtain service under this limited warranty.

## SECOND THROUGH FIFTH YEAR LIMITED WARRANTY ON CERTAIN COMPONENT PARTS

In the second through the fifth year from the date of purchase, when this major appliance is operated and maintained according to instructions attached to or furnished with the product, KitchenAid will pay for factory specified parts for the following components to correct defects in materials or workmanship that existed when this major appliance was purchased: nylon dish racks and electronic controls.

## LIFETIME LIMITED WARRANTY ON STAINLESS STEEL TUB

For the lifetime of the product from the date of purchase, when this major appliance is operated and maintained according to instructions attached to or furnished with the product, KitchenAid will pay for factory specified parts and repair labor for the following component to correct defects in materials or workmanship that existed when this major appliance was purchased: stainless steel tub.

## ITEMS EXCLUDED FROM WARRANTY

**This limited warranty does not cover:**

1. Replacement parts or repair labor if this major appliance is used for other than normal, single-family household use or when it is used in a manner that is inconsistent to published user or operator instructions and/or installation instructions.
2. Service calls to correct the installation of your major appliance, to instruct you on how to use your major appliance, to replace or repair house fuses, or to correct house wiring or plumbing.
3. Service calls to repair or replace appliance light bulbs, air filters or water filters. Consumable parts are excluded from warranty coverage.
4. Damage resulting from accident, alteration, misuse, abuse, fire, flood, acts of God, improper installation, installation not in accordance with electrical or plumbing codes, or use of products not approved by KitchenAid.
5. Cosmetic damage, including scratches, dents, chips or other damage to the finish of your major appliance, unless such damage results from defects in materials or workmanship and is reported to KitchenAid within 30 days from the date of purchase.
6. Any food or medicine loss due to refrigerator or freezer product failures.
7. Pickup and delivery. This major appliance is intended to be repaired in your home.
8. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
9. Expenses for travel and transportation for product service if your major appliance is located in a remote area where service by an authorized KitchenAid servicer is not available.
10. The removal and reinstallation of your major appliance if it is installed in an inaccessible location or is not installed in accordance with KitchenAid's published installation instructions.
11. Replacement parts or repair labor on major appliances with original model/serial numbers that have been removed, altered or cannot be easily determined.

## DISCLAIMER OF IMPLIED WARRANTIES

IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR OR THE SHORTEST PERIOD ALLOWED BY LAW. Some states and provinces do not allow limitations on the duration of implied warranties of merchantability or fitness, so this limitation may not apply to you. This warranty gives you specific legal rights, and you also may have other rights that vary from state to state or province to province.

## LIMITATION OF REMEDIES; EXCLUSION OF INCIDENTAL AND CONSEQUENTIAL DAMAGES

YOUR SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR AS PROVIDED HEREIN. KITCHENAID 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, so these limitations and exclusion may not apply to you. This warranty gives you specific legal rights, and you also may have other rights that vary from state to state or province to province.

If outside the 50 United States and Canada, contact your authorized KitchenAid dealer to determine if another warranty applies.

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For additional product information or to view FAQs (Frequently Asked Questions), in U.S.A. visit: [www.kitchenaid.com](http://www.kitchenaid.com)

In Canada visit: [www.kitchenaid.ca](http://www.kitchenaid.ca)

If you do not have access to the Internet and you need assistance using your product or you would like to schedule service, you may contact KitchenAid at the number below.

*Have your complete model number ready. You can find your model and serial number on the label located near the door on the right-hand or left-hand side of the dishwasher interior.*

For assistance or service in the U.S.A., call 1-800-422-1230. In Canada, call 1-800-807-6777.

If you need further assistance, you can write to KitchenAid with any questions or concerns at the address below:

In the U.S.A.:

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

In Canada:

KitchenAid Brand Home Appliances  
Customer eXperience Centre  
1901 Minnesota Court  
Mississauga, Ontario L5N 3A7

Please include a daytime phone number in your correspondence.

Please keep this User Instructions and model number information for future reference.

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