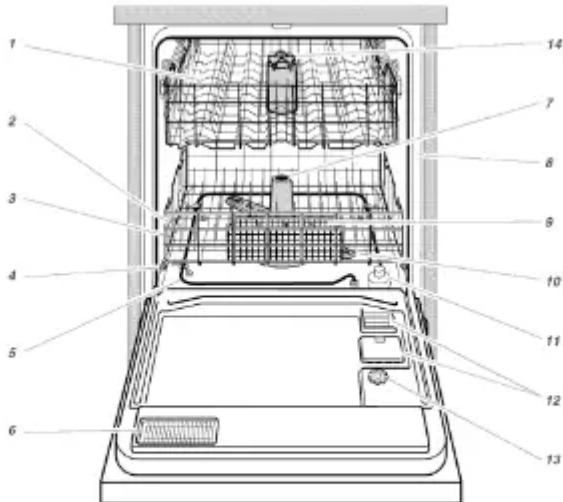


User Manual Whirlpool DU810SWKQ0 Dishwasher

PARTS AND FEATURES

This manual covers several different models. The dishwasher you have purchased may have some or all of the parts and features listed below.



- | | | |
|------------------------|----------------------------------|--|
| 1. Top rack | 7. Spray tower and protector | 12. Detergent dispenser |
| 2. Water inlet opening | 8. Model and serial number label | 13. Rinse aid dispenser |
| 3. Bottom rack | 9. Silverware basket | Other features your dishwasher may have |
| 4. Rack bumper | 10. Spray arm | 14. Third level wash |
| 5. Heating element | 11. Overflow protection float | |
| 6. Vent | | |

UNDERCOUNTER START - UPGUIDE

Before using your dishwasher, remove all packaging materials. Read this entire Use and Care Guide. You will find important safety information and useful operating tips.

Using Your New Dishwasher



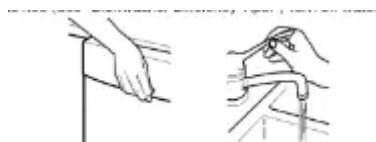
1. Scrape large food soil and hard items (toothpicks or bones) from dishes.
2. Properly load the dishwasher. (See "Dishwasher Loading.") . Make sure nothing prevents the spray arm(s) from spinning freely.



3. Add detergent and check the rinse aid dispenser. Add rinse aid if needed. (See "Dishwasher Use.")



4. Push door firmly closed. The door latches automatically. Run hot water at the sink nearest your dishwasher until the water is hot. (See "Dishwasher Efficiency Tips.") Turn off water.



5. Select a drying option.

NOTE: Use Air Dry for the Rinse Only cycle.

6. For Series 840, 850 and 890: Press the desired cycle and option selections. (See "Dishwasher Use.") Turn the Cycle Control knob to the desired cycle to start.



Stopping Your Dishwasher

You can stop your dishwasher anytime during a cycle.

1. Open the door slightly.
2. Wait for the spraying action to stop. Then open the door all the way, if needed.
3. Close the door to continue the cycle.

OR

1. Turn the Cycle Control knob slowly clockwise until you hear water draining. Let the dishwasher drain completely.
2. Open the door.
3. Turn the Cycle Control knob to OFF

CONNECTING YOUR PORTABLE DISHWASHER

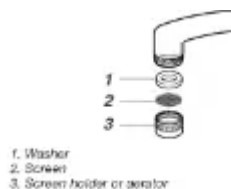
Connecting the Faucet Adapter

NOTE: A special adapter must be installed on the faucet before the dishwasher can be connected. Complete Installation Instructions and the adapter are packed with your dishwasher. (See the Installation Instructions.)

When moving your dishwasher, make sure the door is latched. Hold the dishwasher at the top front corners.

Preparing the faucet

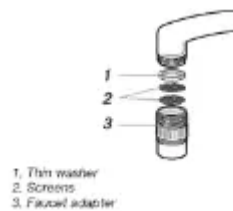
1. Remove the screen holder or aerator, screen, and washer from the end of the faucet.
2. Use the faucet adapter kit that came with your portable dishwasher to modify the faucet where the dishwasher will be used.



NOTE: Remove and save the washer, screen, and screen holder or aerator for future use.

Connecting the faucet adapter to faucets with external threads

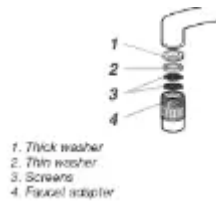
Insert the two screens and then the thin washer from the faucet adapter kit into the faucet adapter. Attach the adapter onto the end of the faucet.



NOTE: Do not use the thick washer.

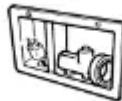
Connecting the faucet adapter to faucets with internal threads

Insert the 2 screens, the thin washer, and then the thick washer from the faucet adapter kit into the faucet adapter. Attach the adapter onto the end of the faucet.



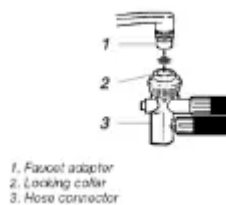
Connecting to Water and Electrical Supply

1. Run water at the faucet until it is hot. Turn the water off.
2. Pull the hoses out of their storage compartment on the back of the dishwasher.



NOTE: Make sure the hoses are not kinked or twisted. Kinked hoses reduce washing performance.

3. Pull down on the locking collar while lifting the hose connector onto the faucet adapter.



4. When the connector snaps into place, release the locking collar.
5. Turn the hot water on slowly until it is all the way on.
6. Plug into a grounded 3 prong outlet.

Using the Faucet

You can draw water from the faucet while the dishwasher is connected.

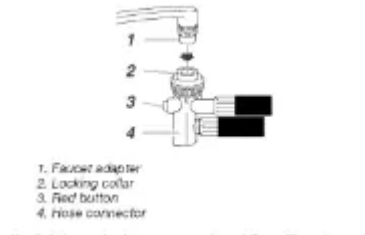
NOTE: Do not draw water while the dishwasher is filling or while water is being pumped out. (This helps prevent allow fill when dishwasher is filling or mixing drain water with fresh water when dishwasher is draining.)

Press the red button on the hose connect or to draw water from the faucet.(The faucet is set on hot. Adjust the faucet for the water temperature you want.)



Disconnecting the Dishwasher

1. Turn the hot water off.(This can be done after the last rinse.)
2. Press the red button on the connect or to release the water pressure.



3. Lift slightly on the hose connector while pulling down the locking collar. Pull down on the connector.
4. Empty any remaining water from the connector by turning the connector upside-down.
5. Unplug the power supply cord and return it to the storage compartment.
6. Return the hoses to the storage compartment.

DISHWASHER LOADING

Loading Suggestion

- Remove leftover food, bones, toothpicks and other hard items from the dishes. It is not necessary to rinse the dishes before putting them into the dishwasher. The wash module removes food particles from the water. The module contains a chopping device which will reduce the size of food items.

NOTE: If hard items such as fruit seeds, nuts, and egg shells enter the wash module, you might hear chopping, grinding, crunching, or buzzing sounds. These sounds are normal when hard items enter the module. Do not let metallic items such as pot handle screws) get into the wash module.

- Damage can occur.
- It is important for the water spray to reach all soiled surfaces.
- Load dishes so they are not stacked or overlapping if possible. For best drying, water must be able to drain from all surfaces.
- Make sure pot lids and handles, pizza pans, cookie sheets, etc., do not interfere with the spray arm rotation.

- Run a rinse cycle to keep dishes moist if you do not plan to wash them soon. Foods like eggs, rice, pasta, spinach, and cooked cereals may be hard to remove if they are left to dry over a period of time.

Quiet operating tips

To avoid thumping/clattering noises during operation:

- Make sure lightweight load items are secured in the racks.
- Make sure pot lids and handles, pizza pans, cookie sheets, etc., do not touch interior walls or interfere with the rotation of the spray arm.
- Load dishes so they do not touch one another.

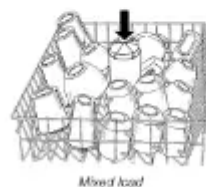
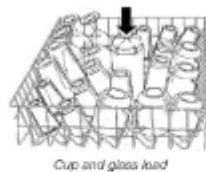
NOTE: For built-in models, keep sink drain plugs closed during dishwasher operation to prevent noise transfer through drains.

Loading the Top Rack

The top rack is designed for cups, glasses, and smaller items. (See recommended loading patterns shown.)

NOTE: The features on your dishwasher rack may vary from the drawings shown.

Do not cover third level wash (on some models). See arrow.



- Place items so open ends face down for cleaning and draining.
- Load glasses and cups in top rack only. The bottom rack is not designed for glasses and cups. Damage can occur.
- Place cups and glasses in the rows between tines. Placing them over the tines can lead to breakage and water spots.
- To avoid chipping, do not let stemware touch other items.
- China, crystal, and other delicate items must not touch each other during dishwasher operation. Damage can occur.
- Wedge lightweight items against one another or overlap them with heavier dishes.

- Load plastic items securely in the top rack only. Wash only plastic items marked "dishwasher safe."
- Small bowls, pans, and other utensils can be placed in the top rack.

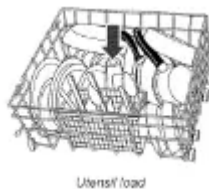
Loading the Bottom Rack

The bottom rack is designed for plates, pans, casseroles, and utensils. Items with cooked-on or dried-on food should be loaded with soiled surfaces facing inward to the spray. (See recommended loading patterns shown.)

NOTE: The features on your dishwasher rack may vary from the drawings shown. Do not cover spray tower. See arrow.



- Do not load glasses, cups, or plastic items in the bottom rack. Load small items in the bottom rack only if they are secured in place.
- Load plates, soup bowls, etc., between tines and facing inward to the spray.
- Overlap the edges of plates for large loads.
- Load soup, cereal, and serving bowls in the rack in a variety of ways depending upon their size and shape. Load bowls securely between the rows of tines. Do not nest bowls because the spray will not reach all surfaces.



- Load cookie sheets, cake pans, and other large items at the sides and back. Loading such items in front can keep the water spray from reaching the detergent dispenser and silverware basket.
- Secure heavily soiled cookware face down in the rack.
- Make sure pot handles and other items do not stop rotation of the spray arm(s). The spray arm(s) must move freely.
- Do not load items between the bottom rack and the side of the dishwasher tub because they might block the water inlet opening.

NOTE: If you have removed the bottom rack for unloading or cleaning, replace it with the bumpers in front.

Loading the Silverware Basket

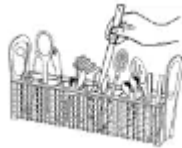
Load the silverware basket while it is in the bottom rack or take the basket out for loading on a counter or table.

NOTE: Unload or remove the basket before unloading the racks to avoid spilling water droplets on the silverware.

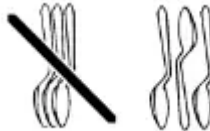
Style 1 (on some models)



Style 2 (on some models)



Mix items in each section of the basket with some pointing up and some down to avoid nesting. Spray cannot reach nested items.



IMPORTANT: Always load sharp items (knives, skewers, etc.) pointing down.

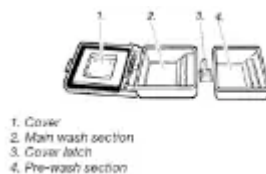
NOTES:

- Do not load silver or silver-plated silverware with stainless steel. These metals can be damaged by contact with each other during washing.
- Some foods (such as salt, vinegar, milk products, fruit juices, etc.) can pit or corrode silverware. Run a rinse cycle if you do not have a full load to wash immediately.

DISHWASHER USE

Detergent Dispenser

The detergent dispenser has 2 sections. The Pre-Wash section empties detergent into the dishwasher when you close the door.



The Main Wash section automatically empties detergent into the dishwasher during the main wash. (See the "Cycle Selection Chart.")

- Use automatic dishwashing detergent only. Other detergents can produce excessive suds that can overflow out of the dishwasher and reduce washing performance.
- Add detergent just before starting a cycle.
- Store tightly closed detergent in a cool, dry place. Fresh automatic dishwasher detergent results in better cleaning.

NOTE: Do not use detergent with a rinse cycle.

Filling the dispenser

1. If the dispenser cover is closed, open the cover by pushing the Cover latch.
2. Fill the Main Wash section with detergent. See "How Much Detergent to Use."
3. Close the Main Wash dispenser cover. Fill the Pre-Wash section if needed.




It is normal for the cover to open partially when dispensing detergent.

NOTE: Use both sections for cycles with 2 washes. Use only the covered section for cycles with 1 wash. See the "Cycle Selection Chart" for more details.

How much detergent to use

- The amount of detergent to use depends on the hardness of your water and the type of detergent. If you use too little, dishes won't be clean. If you use too much in soft water, glassware will etch.
- Water hardness can change over a period of time. Find out your water's hardness by asking your local water department, water softener company, or county extension agent.
- Different brands of dishwasher detergent have different amounts of phosphorus for softening water. If you have hard water and use a detergent with a phosphorous content of less than 8.7%, you might need to use more detergent, or use a detergent with a phosphorous content higher than 8.7%.

Where to fill

|  | Top of 3rd step (3 lbs or 45 g) |
|---|---|
|  | Top of 2nd step (2 lbs or 30 g) |
|  | Top of 1st step (1 lb or 15 g) |
| Water Hardness | Amount of Detergent |
| Soft to Medium Hard Water 0 to 6 grains per gallon | <p>For normally soiled loads</p> <ul style="list-style-type: none"> ■ Fill the Main Wash section to the top of the 2nd step (2 lbs or 30 g) ■ Fill the Pre-Wash section to the top of the 2nd step (2 lbs or 30 g) if needed <p>NOTE: Add only 1 lb or 15 g of detergent to both sections if dishes are pre-rinsed or the water is very soft (0 to 2 grains per gallon).</p> <p>For heavily soiled loads</p> <ul style="list-style-type: none"> ■ Fill the Main Wash section to the top of the 3rd step (3 lbs or 45 g) ■ Fill the Pre-Wash section to the top of the 2nd step (2 lbs or 30 g) |
| Medium to Hard Water 7 to 12 grains per gallon | <p>For normally soiled and heavily soiled loads</p> <ul style="list-style-type: none"> ■ Fill the Main Wash section to the top of the 3rd step (3 lbs or 45 g) ■ Fill the Pre-Wash section to the top of the 2nd step (2 lbs or 30 g) if needed |
| NOTE: Fill amounts shown are for standard powdered detergent. Amounts may vary if you use liquid or concentrated powdered detergent. Follow instructions on the package when using liquid dishwasher detergent or concentrated powdered detergent. | |

Rinse Aid Dispenser

Rinse aids prevent water from forming droplets that can dry as spots or streaks. They also improve drying by allowing water to drain off of the dishes during the final rinse by releasing a small amount of the rinse aid into the rinse water. Your dishwasher is designed to use a liquid rinse aid. Do not use a solid or bar-type.

Checking the dispenser

Check the center of the Fill Indicator cap. Clear means it needs filling.

Or you can remove the Fill Indicator cap. If an "E" is visible, the dispenser is empty.

Filling the dispenser

The rinse aid dispenser holds 6 oz (175 mL) of rinse aid. Under normal conditions, this will last for about three months. You do not have to wait until the dispenser is empty to refill it. Try to keep it full, but be careful not to overfill it.

1. Make sure the dishwasher door is completely open.
2. Remove the Fill Indicator cap.
3. Add rinse aid. Fill to the smallest opening in the lower part of the dispenser. Overfilling can cause the rinse aid to leak out, and could cause oversudsing.



4. Clean up any spilled rinse aid with a damp cloth.
5. Replace the Fill Indicator cap. Close tightly.

Dishwasher Efficiency Tips

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

To check water temperature

1. Run hot water at the faucet closest to your dishwasher for at least 1 minute.
2. Place a candy or meat thermometer in a glass measuring cup.



3. Check the temperature on the thermometer as the water is running into the cup.
4. If the water temperature at the faucet is below 120°F (49°C), have a qualified person raise the water heater's thermostat setting.

- To save water, energy and time, do not rinse dishes before putting them into the dishwasher.
- Use a low energy, quick, or short cycle whenever possible.
- These cycles use less hot water and energy than the Normal cycle.
- Use a delay feature (on some models) to run your dishwasher during off-peak hours. Local utilities 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 the energy-saving dry option whenever possible. Allow longer drying times (overnight) when using these options. Use a rinse aid to improve drying.
- Use cycles or options that add extra heat to the wash or rinse portion of the cycle only when needed.
- Run your dishwasher with full loads. Run a rinse cycle after meals until the dishwasher is full.
- If your home is equipped with a water softener, you may want to avoid starting the dishwasher during the regeneration of the softener, as this may contribute to poor wash performance.

Cycle Selection Chart

For Series 400:

Turn the Cycle Control knob to the desired cycle.

For Series 800, 810, and 811:

Turn the Cycle Control knob to the desired cycle. If the door is latched, you will hear the cycles start and stop as the Cycle Control knob passes each cycle mark.

Control knob passes each cycle mark. This is normal and does not hurt the dishwasher. If you prefer, you can set the Cycle Control knob with the door unlatched.

For Series 840:

Press the desired cycle. Turn the Cycle Control knob to the desired cycle. If the door is latched, you will hear the cycles start and stop as the Cycle Control knob passes each cycle mark. This is normal and does not hurt the dishwasher. If you prefer, you can set the Cycle Control knob with the door unlatched.


NOTE: Normal Wash, Light Wash and Rinse Only all share the same cycle button.


For Series 850 and 890:

Press the desired cycle. Turn the Cycle Control knob to the desired cycle. If the door is latched, you will hear the cycles start and stop as the Cycle Control knob passes each cycle mark. This is normal and does not hurt the dishwasher. If you prefer, you can set the Cycle Control knob with the door unlatched.

To use Rinse Only, press Normal or Light and turn the Cycle Control knob to RINSE ONLY.

A "O" shows what steps are in each cycle. Your model may have some or all of the cycles shown. Water usage is shown in U.S. gallons/liters. Cycle time includes dry time.

| | | | | | | | | | |
|------------------------|-------|---|-----------|-------|-------------|-----|--|---------------------|---|
| POTS & PANS | | Use this cycle for hard-to-clean, heavily-soiled pots, pans, casseroles, and regular tableware. | | | | | Use both detergent dispenser sections. | |  |
| Wash | Rinse | Rinse | Main Wash | Rinse | Final Rinse | Dry | Time (min) | Water Usage (gal/L) | |
| ● | ● | ● | ● | ● | ● | ● | 90 | 8.8/32.7 | |

| | | | | | | | | | |
|-------------------|-------|--|-----------|-------|-------------|-----|--|---------------------|---|
| HEAVY WASH | | Use this cycle for loads with heavy food soil. | | | | | Use both detergent dispenser sections. | |  |
| Wash | Rinse | Rinse | Main Wash | Rinse | Final Rinse | Dry | Time (min) | Water Usage (gal/L) | |
| ● | ● | ● | ● | ● | ● | ● | 90 | 8.8/32.7 | |



| NORMAL WASH Use this cycle for loads with normal amounts of food soil. (The energy-usage label is based on this cycle.) Use both detergent dispenser sections. | | | | | | | | | |
|--|-------|-------|-----------|-------|-------------|-----|------------|---------------------|--|
| Wash | Rinse | Rinse | Main Wash | Rinse | Final Rinse | Dry | Time (min) | Water Usage (gal/L) | |
| ● | | | ● | ● | ● | ● | 90 | 7.2/27.2 | |

| LIGHT WASH Use this cycle for pre-rinsed or lightly soiled loads. Use covered detergent dispenser section. | | | | | | | | | |
|--|-------|-------|-----------|-------|-------------|-----|------------|---------------------|--|
| Wash | Rinse | Rinse | Main Wash | Rinse | Final Rinse | Dry | Time (min) | Water Usage (gal/L) | |
| | | | ● | ● | ● | ● | 25 | 5.7/21.5 | |

| RINSE ONLY Use this cycle for rinsing dishes, glasses, and silverware that will not be washed right away. Do not use detergent with this cycle. | | | | | | | | | |
|---|-------|-------|-----------|-------|-------------|-----|------------|---------------------|--|
| Wash | Rinse | Rinse | Main Wash | Rinse | Final Rinse | Dry | Time (min) | Water Usage (gal/L) | |
| | | | | | ● | ● | 20 | 2.9/10.9 | |

Canceling a Cycle

You can cancel a cycle at any time.

1. Turn the Cycle Control knob slowly clockwise until you hear water draining. Let the dishwasher drain completely.
2. Open the door.
3. Turn the Cycle Control knob to OFF

Changing a Cycle or Setting

(On some models)

If your dishwasher has more than one wash cycle, you can change a cycle anytime during a cycle.

1. Lift the door latch to stop the cycle.
2. Turn the Cycle Control knob clockwise.
3. Check the detergent dispensers. They must be filled properly for the new cycle.

NOTE: Turning the Cycle Control knob can cause the covered. Detergent Dispenser section to open and release the detergent. Check the covered section if the cycle uses detergent in both sections.

4. Close the door firmly until it latches. The dishwasher starts a new cycle.

Adding Items During a Cycle

(On some models)

You can add an item anytime before the main wash starts, or the Cycle Control knob reaches Light Wash.

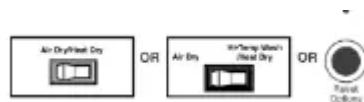
1. Lift up the door latch to stop the cycle. Wait for the spraying action to stop before opening the door.
2. Open the door and add the item.
3. Close the door, but do not latch it. Wait 30 seconds for the air in the dishwasher to warm up. This reduces the amount of moisture escaping from the vent when restarting a cycle.
4. Close the door firmly until it latches. The dishwasher resumes the cycle.

Option Selections

You can change an option anytime before the selected option begins. For example, you can press an unheated drying option any time before drying begins.

Heat Dry

Select this option to dry dishes with heated air. For best drying results, use a liquid rinse aid and heated drying.



NOTE: Heat Dry is an option with all cycles except Rinse Only. On some models, Hi-Temp Wash and Heat Dry must be switched on at the same time.

Air Dry

Select this energy-saving option to dry without heat. Air drying is useful when loads contain plastic dinnerware that may be sensitive to high temperatures.



The dishes take longer to dry and some spotting can occur. For best drying, use a liquid rinse aid. Some items (such as plastics) may need towel drying.

NOTE: The dishwasher automatically heats the air in the dishwasher during the "dry" portion of the cycle unless you select Air Dry.

Hi-Temp Wash (on some models)

Select this option to add extra heat to the water in the Heavy Wash, Normal Wash, or Light Wash cycles. This helps remove food soil.



NOTE: On some models, Hi-Temp Wash and Heat Dry must be switched on at the same time.

Delay Wash (on some models)

Use Delay Wash to run your dishwasher at a later time or during off-peak hours. You can add items to the load anytime during the delay countdown. After adding items, close the door firmly until it latches. The delay countdown will not continue if the door is not latched.

To delay the start

1. Close the door.
2. Select a wash cycle and option(s).



3. Turn the Cycle Control knob clockwise to the number of hours you want the dishwasher to delay the start.

NOTES:

- To cancel the delay, turn the Cycle Control knob to the desired cycle.
- Rinse Only and the Light cycles cannot be delayed.

Plate Warmer (on some models)

Use the Plate Warmer cycle to warm serving dishes or dinner plates.

NOTE: Use the heated drying option with the Plate Warmer.

1. Close and latch the door.
2. Turn the Cycle Control knob to PLATE WARMER.
3. Allow 8 minutes for the cycle to heat the dishware.
4. Press HEAT DRY.

Drying System

During drying, you can see steam escaping through the vent at the upper left corner of the door. This is normal as the heat dries your dishes.



IMPORTANT: The vapor is hot. Do not touch the vent during drying.

Over Protection Float

The overflow protection float (in the front right corner of the dishwasher tub) keeps the dishwasher from overflowing. It must be in place for the dishwasher to operate.



Check under the float for objects that may keep the protector from moving up or down.

DISHWASHER CARE

Cleaning Your Dishwasher

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.



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. 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 "Spotting and filming on dishes" in "Troubleshooting."

NOTE: Run a Normal cycle with detergent after cleaning the interior.

Cleaning the Filter Screen

The filter system requires periodic cleaning as needed.

To clean screen

1. Unload the bottom rack. Slide the rack forward or remove the rack to reach the filter screen.
2. Remove collected particles from the screen with your fingers or a paper towel.



3. Replace the bottom rack with the rack bumpers facing the door.

NOTE: Do not clean the dishwasher interior until it has cooled.

Drain Air Gap

Check the drain air gap anytime your dishwasher isn't draining well.

Some state or local plumbing codes require the addition of a drain air gap between a built-in dishwasher and the home drain system. If a drain is clogged, the drain air gap protects your dishwasher from water backing up into it.



The drain air gap is usually located on top of the sink or countertop near the dishwasher. To order a drain air gap, contact your local dealer; or in the U.S.A., call the Customer Interaction Center and 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. Follow the cleaning instructions provided by the manufacturer. With most types, you lift off the chrome cover. Unscrew the plastic cap. Then check for any soil buildup. Clean if necessary.

Storing Your Dishwasher

Storing for the summer

Protect your dishwasher during the summer months by turning off the water supply and power supply to the dishwasher.

Winterizing your dishwasher

Protect your dishwasher and home against water damage due to freezing water lines. If your dishwasher is left in a seasonal dwelling or could be exposed to near freezing temperatures, have your dishwasher winterized by authorized service personnel.

TROUBLESHOOTING

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

- **Dishwasher is not operating properly**

Dishwasher does not run or stops during a cycle

Is the door closed tightly and latched?

Is the right cycle selected? Refer to the "Cycle Selection Chart."

Is there power to the dishwasher? Has a household fuse blown or circuit breaker tripped?

Has the motor stopped due to an overload? The motor automatically resets itself within a few minutes. If it does not restart, call for service.

Is the water shut-off valve (if installed) turned on?

- **Dishwasher will not fill**

Is the overflow protection float able to move up and down freely? Press down to release.

- **Water remains in the dishwasher**

Is the cycle complete?

- **Detergent remains in the covered section of the dispenser**

Is the cycle complete?

Is the detergent lump-free? Replace detergent if necessary.

Is the bottom rack installed properly with the bumpers in the front? Refer to the "Parts and Features" section. Reinstall the rack if necessary.

- **White residue on the front of the access panel**

Was too much detergent used? Refer to the "Detergent Dispenser" section.

Is the brand of detergent making excess foam? Try a different brand to reduce foaming and eliminate buildup.

- **Odor in the dishwasher**

Are dishes washed only every 2 or 3 days? Run a rinse cycle once or twice a day until you have a full load.

Does the dishwasher have a new plastic smell? Run a vinegar rinse as described in "Spotting and filming on dishes" later in this Troubleshooting guide.

- **Condensation on the kitchen counter (built-in models)**

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

Dishes are not completely clean

- **Food soil left on the dishes**

Is the dishwasher loaded correctly? Refer to the "Dishwasher Loading" section.

Is the water temperature too low? If needed, turn home water heater up to ensure water entering dishwasher is at least F (49°C). Refer to the "Dishwasher Efficiency Tips" section.

Did you use the correct amount of fresh detergent? Use recommended dishwasher detergents only. Refer to the "Detergent Dispenser" section. Never use less than 1 tb (15 g) per load. Detergent must be fresh to be effective. Store detergent in a cool, dry area. Heavy soil and/or hard water generally require extra detergent.

Is detergent caked in dispenser? Use fresh detergent only. Do not allow detergent to sit for several hours in a wet dispenser.

Clean dispenser when caked detergent is present.

Is the pump or spray arm clogged by labels from bottles and cans? If you wash bottles and cans in your dishwasher, check for labels clogging the pump or spray arm.

Is the home water pressure high enough for proper dishwasher filling? Home water pressure should be 20 to 120 psi (138 to 828 kPa) for proper dishwasher fill. A booster pump on the water supply can be added if pressure is too low.

Are high suds slowing the wash arm? Never use soap or laundry detergents. Use recommended dishwasher detergents only.

- **Dishwasher door will not close**

Is the bottom rack in backwards? The rack bumpers must face the dishwasher door.

Spots and stains on dishes

- **Spotting and filming on dishes**

Is your water hard or is there a high mineral content in your water? Conditioning the final rinse water with a liquid rinse aid helps eliminate spotting and filming. Keep the rinse aid dispenser filled.

Is the water temperature too low? If needed, turn home water heater up to ensure water entering dishwasher is at least 120°F (49°C). Refer to the "Dishwasher Efficiency Tips" section.

Did you use the correct amount of effective detergent? Use recommended dishwasher detergents only. Refer to the

Detergent Dispenser" section. Never use less than 1 tb (15 g) per load. Detergent must be fresh to be effective. Store detergent in a cool, dry area. Heavy soil and/or hard water generally require extra detergent.

Is the home water pressure high enough for proper dishwasher filling? Home water pressure should be 20 to 120 psi (138 to 828 kPa) for proper dishwasher fill. A booster pump on the water supply can be added if pressure is too low.

NOTE: To remove spots and film from dishes, try a white vinegar rinse. This procedure is intended for occasional use only. Vinegar is an acid and using it too often could damage your dishwasher.

1. Wash and rinse dishes. Use an air-dry or an energy- saving dry option. Remove all silverware or metal items.
2. Put 2 cups (500 mL) white vinegar in a glass or dishwasher-safe measuring cup on the bottom rack.
3. 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.

- **Silica film or etching (silica film is a milky, rainbow- colored deposit; etching is a cloudy film)**

Sometimes there is a water/chemical reaction with certain types of glassware. This is usually caused by some combination of soft or softened water, alkaline washing solutions, insufficient rinsing, overloading the dishwasher, and the heat of drying. It might not be possible to prevent the problem, except by hand washing.

To slow this process use a minimum amount of detergent but not less than 1 tb (15 g) per load. Use a liquid rinse aid and underload the dishwasher to allow thorough rinsing. Silica film and etching are permanent and cannot be removed. Do not use heated drying.

- **White spots on cookware with non-stick finish**

Has the dishwasher detergent removed cookware seasoning? Reseason cookware after washing in the dishwasher.

- **Brown stains on dishes and dishwasher interior**

Does your water have high iron content? Rewash dishes using 1-3 tsp (5-15 mL) of citric acid crystals added to the covered section of the detergent dispenser. Do not use detergent. Follow with a Normal wash cycle with detergent. If treatment is needed more often than every other month, the installation of an iron removal unit is recommended.

- **Black or gray marks on dishes**

Are aluminum items rubbing dishes during washing? Disposable aluminum items can break down in the dishwasher and cause marking. Hand wash these items. Remove aluminum markings by using a mild abrasive cleaner.

- **Orange stains on plastic dishes or dishwasher interior**

Are large amounts of tomato-based foods on dishes placed in the dishwasher? Stains can gradually fade over time. Regular use of heated drying will slow fading. Stains will not affect dishwasher performance. Regular use of a rinse cycle and an air-dry or energy-saving dry option will reduce the likelihood of staining.

Dishes do not dry completely

- **Dishes are not dry**

Did you load your dishwasher to allow proper water drainage? Do not overload. Refer to the "Dishwasher Loading" section. Use a liquid rinse aid to speed drying.

Are the plastics wet? Plastics often need towel drying.

Is the rinse aid dispenser empty? Refer to the "Rinse Aid Dispenser" section.

Did you use an air-dry or energy-saving dry option? Use a heated drying option for dryer dishes.

Dishes are damaged during a cycle

- **Chipping of dishes**

Did you load the dishwasher properly? Load the dishes and glasses so they are stable and do not strike together from washing action. Minimize chipping by moving the rack in and out slowly.

NOTE: Antiques, feather-edged crystal, and similar types of china and glassware might be too delicate for automatic dishwashing. Wash by hand.

ASSISTANCE OR SERVICE

Before calling for assistance or service, please check "Troubleshooting." It may save you the cost of a service call. If you still need help, follow the instructions below. When calling, please know the purchase date and the complete model and serial number of your appliance. This information will help us to better respond to your request.

If you need replacement parts

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

In the U.S.A., call the Customer Interaction Center at or your nearest designated service center.

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

In the USA

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

Our consultants provide assistance with:

- Features and specifications on our full line of appliances.

- Installation information.
- Use and maintenance procedures.
- Accessory and repair parts sales.
- Specialized customer assistance (Spanish speaking, hearing impaired, limited vision, etc.).
- Referrals to local dealers, repair parts distributors, and service companies. Whirlpool designated service technicians are trained to fulfill the product warranty and provide after-warranty service, anywhere in the United States.

To locate the Whirlpool designated service company in your area, you can also look in your telephone directory Yellow Pages.

For further assistance

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

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

Please include a daytime phone number in your correspondence.

In Canada

Our consultants provide assistance with:

- Features and specifications on our full line of appliances.
- Referrals to local dealers.
- Warranty information.

For service in Canada

Call 1-800-807-6777. Inglis Limited designated service technicians are trained to fulfill the product warranty and provide after-warranty service, anywhere in Canada.

For further assistance

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

Customer Interaction Center
Inglis Limited
Minnesota Court
Mississauga, Ontario L5N 3A7

WHIRLPOOL®DISHWASHERWARRANTY

ONE-YEAR FULL WARRANTY

For one year from the date of purchase, when this dishwasher is operated and maintained according to instructions attached to or furnished with the product, Whirlpool Corporation will pay for FSP® replacement parts and repair labor to correct defects in materials or workmanship. Service must be provided by a Whirlpool designated service company.

TWENTY-YEAR FULL WARRANTY ON DURAPERM™ TUB AND INNER DOOR

For twenty years from the date of purchase, when this dishwasher is operated and maintained according to instructions attached to or furnished with the product, Whirlpool Corporation will pay for FSP® replacement parts and repair labor for the DURAPERM™ tub and/or inner door should either fail to contain water, if defective in materials or workmanship. Service must be provided by a Whirlpool designated service company.

Whirlpool Corporation will not pay for:

1. Service calls to correct the installation of your dishwasher, to instruct you how to use your dishwasher, or to replace house fuses or correct house wiring or plumbing.
2. Repairs when your dishwasher is used in other than normal, single-family household use.
3. Damage resulting from accident, alteration, misuse, abuse, fire, flood, acts of God, improper installation, installation not in accordance with local electrical and plumbing codes, or use of products not approved by Whirlpool Corporation.
4. Any labor costs during the limited warranty period.
5. Replacement parts or repair labor costs for units operated outside the United States and Canada.
6. Pickup and delivery. This product is designed to be repaired in the home.
7. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
8. In Canada, travel or transportation expenses for customers who reside in remote areas.

WHIRLPOOL CORPORATION AND INGLIS LIMITED 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 this exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state or province to province.

Outside the 50 United States or Canada, this warranty does not apply. Contact your authorized Whirlpool dealer to determine if another warranty applies.

If you need service, first see "Troubleshooting." Additional help can be found by checking "Assistance or Service," or by calling our Customer Interaction Center at 1-800-253-1301, from anywhere in the U.S.A. or write: Whirlpool Corporation, Customer Interaction Center, 553 Benson, Benton Harbor, MI 49022-2692. In Canada, call Inglis Limited at 1-800-807-6777.

Keep this book and your sales slip together for future reference. You must provide proof of purchase or installation date for in-warranty service.

Write down the following information about your dishwasher to better help you obtain assistance or service if you ever need it. You will need to know your complete model number and serial number. You can find this information on the model and serial number label/plate, located on your appliance as shown in "Parts and Features."

Warning

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