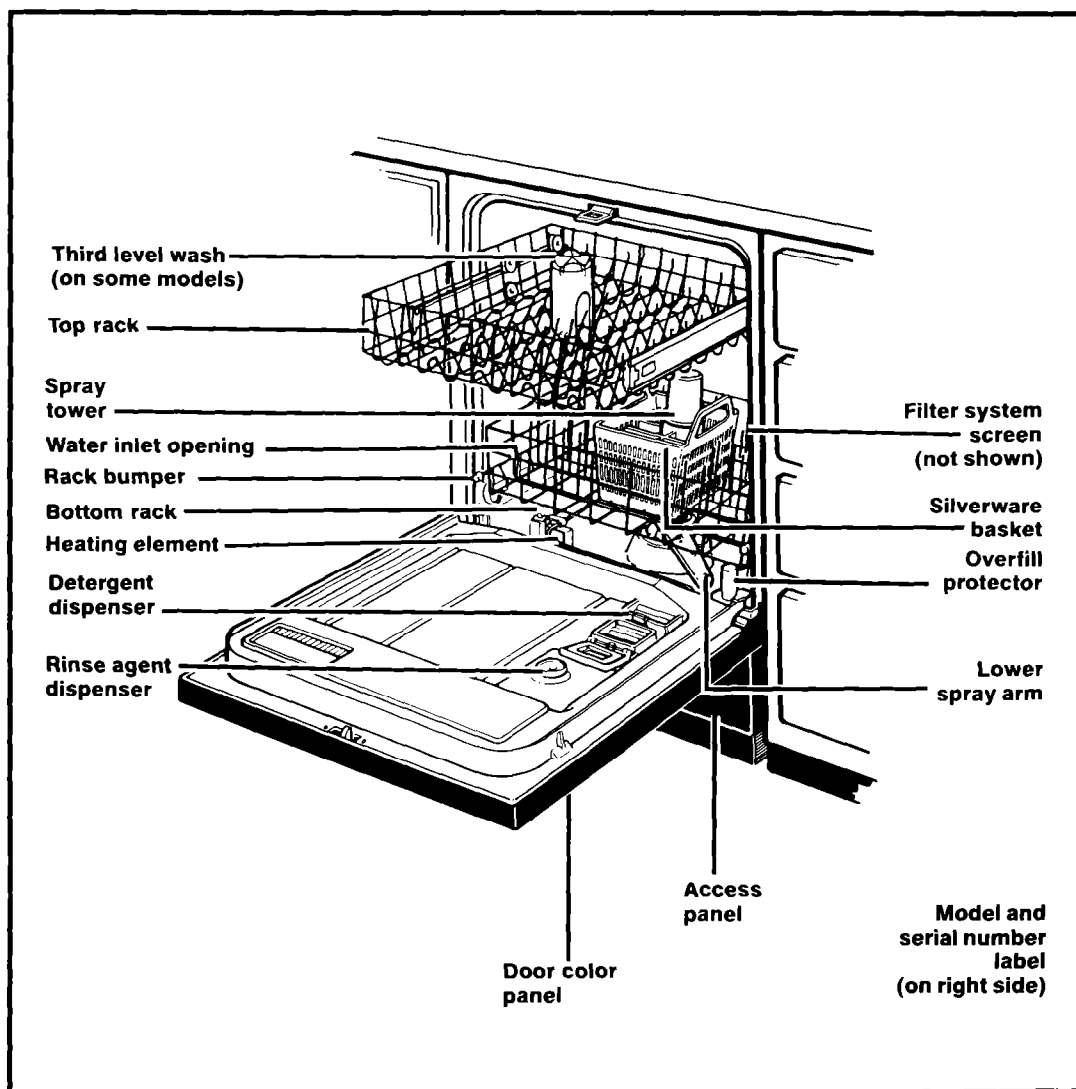




Use & Care Guide



8300 & 8400 SERIES DISHWASHERS

Contents

	Page
Important Safety Instructions	3
Operating Instructions	3
Before starting your dishwasher	3
Starting your dishwasher	4
To add a dish after starting	4
Changing a cycle setting	4
What happens in each cycle	5
What happens in each option	6
Proper Loading	7
Adding Detergent	9
Using Rinse Agent Dispenser	10
For Best Results	11
Special tips	11
Common Dishwashing Problems	13
If You Need Service Or Assistance	15
Whirlpool Dishwasher Warranty	16

©1992 Whirlpool Corporation

It is your responsibility to be sure your dishwasher:

- Is installed by a qualified installer.
- Has been installed where it is protected from the elements.
- Has been installed on a floor strong enough to support its weight.
- Has been properly connected to electricity, water and drain.*
- Has been properly electrically grounded.*
- Has had all hang tags and temporary labels removed.
- Is not used by children or anyone unable to operate it properly.
- Is properly maintained.

*See Installation Instructions for complete information.

Thank you for buying a Whirlpool appliance. Please complete and mail the Owner Registration Card provided with this product.

Then complete the form below. Have this information ready if you need service or call with a question.

- Copy model and serial numbers from label (see diagram on front cover) and purchase date from sales slip.
- Keep this book and sales slip together in a handy place.

Model Number

Serial Number

Purchase Date

Service Company Phone Number

If you need service, first see the "Service or Assistance" section of this book. After checking "Service or Assistance," additional help can be found by calling our Consumer Assistance Center telephone number, **1-800-253-1301**, from anywhere in the U.S.

Important Safety Instructions

⚠ WARNING

To reduce the risk of fire, electrical shock, or injury when using your dishwasher, follow basic precautions including the following:

- **Read all instructions before using the dishwasher.**
- Properly connect to electricity and water.
- **DISHWASHER MUST BE ELECTRICALLY GROUNDED.** Read the Installation Instructions for details.
- Be sure your dishwasher is installed on a level floor that will hold the weight, and in an area suitable for its size and use.
- When discarding an old dishwasher, always remove the door to prevent accidental entrapment or suffocation.
- **REMEMBER**, use your dishwasher only for the job it was designed to do.
- Store dishwasher detergent in a cool, dry place WHERE CHILDREN CAN'T REACH IT.
- Use **ONLY** detergents and rinse agents recommended for use in a dishwasher.
- Locate sharp items and knives so that they are not likely to damage door seal or cut the user.
- **DO NOT** let children play in or on the dishwasher.
- **DO NOT** reach into the area below the bottom rack until the heating element has cooled for at least 20 minutes.
- **DO NOT** wash plastic items unless marked "Dishwasher Safe" or the equivalent. If not marked, check manufacturer's recommendations.
- **DO NOT** use your dishwasher unless all enclosure panels are properly in place.
- **DO NOT** sit on, stand on or abuse the dishwasher door or dish racks.
- **DO NOT** tamper with controls.
- **If hot water has not been used recently (usually two weeks or longer), hydrogen gases may build up in the water heater and the hot water pipes. HYDROGEN GAS IS EXPLOSIVE. To prevent injury or damage, before using your dishwasher, turn on all hot water faucets and allow water to run for several minutes. This will allow gases to escape. Do not smoke or use any open flame near the faucet while it is open.**
- **Disconnect electrical power to the dishwasher before attempting to service.**
- **DO NOT** store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. The fumes can create a fire hazard or explosion.

– SAVE THESE INSTRUCTIONS –

Operating Instructions

The drawings in this book may vary slightly from your dishwasher model. They are designed to show the different features of all the models covered by this book.

NOTE: Your model may not include all the features shown.

Before starting your dishwasher

1. Properly load the top and bottom racks, and silverware basket. See pages 7 and 8.
2. Spin the Lower Spray Arm with lower rack in place to make sure nothing will stop it from turning freely.
3. Add detergent. See page 9.
4. Check rinse agent dispenser. See page 10.
5. Push door firmly when closing and it will automatically latch.
6. Run hot water at sink nearest dishwasher until it is hot. Turn it off.

Operating Instructions Continued



Starting your dishwasher

1. Select a drying option. (See page 6.) The indicator above the button will show red when that option has been selected.

NOTE: Select AIR DRY for the Rinse & Hold Cycle.

For the 8300 series models, the Heat Dry Option is automatically selected with the Pots & Pans Cycle.

2. **For the 8300 series models,** if the Pots & Pans Cycle will be used, push the POTS & PANS button. The indicator above the button will show red.

For the 8400 series models, push a Cycle Selector button for the desired cycle. Normal Wash, Light Wash and Rinse & Hold Cycles share the same button. The Cycle Control Knob determines which cycle operates.

3. Turn the Cycle Control Knob clockwise to point to a desired cycle. You will feel a definite stop at each cycle mark. The dishwasher will automatically start the cycle you selected.

NOTE: If the door is latched, you will hear cycles start and stop as the knob passes each cycle mark. This is normal and will not hurt the dishwasher. If you prefer, you can set cycles with the door unlatched.

To add a dish after starting

1. To be sure that added item is washed and rinsed, make sure the Cycle Control Knob has not passed LIGHT WASH.
2. Lift up on the door latch to unlatch door and stop the cycle. Don't open the door until the spray arms stop spinning.
3. Open the door and add the dish.
4. Close the door. **Do not latch it.** Wait 30 seconds for air in the dishwasher to warm up. This helps reduce the amount of moisture that can come from the vent when restarting the cycle.
5. Press door in to latch it. This dishwasher will start where it stopped.

Changing a cycle setting

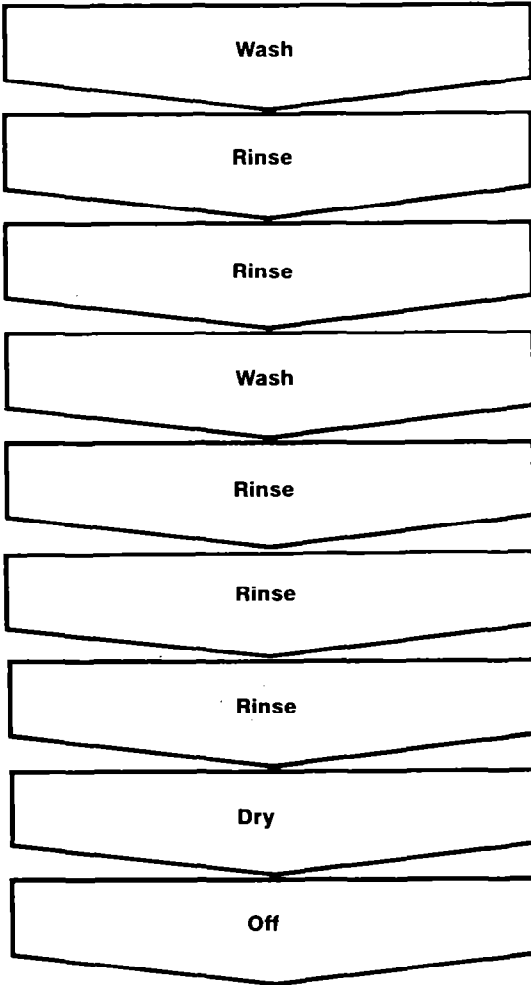
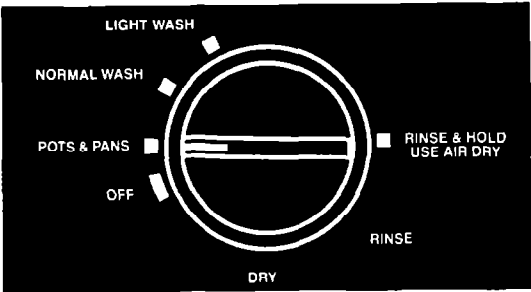
You can change a setting anytime during any cycle.

1. Lift up on the door latch to unlatch the door and stop the cycle.
2. Turn the Cycle Control Knob clockwise to the cycle you want.
3. Be sure the detergent dispensers are filled properly for the new cycle. When changing dial from LIGHT WASH to NORMAL WASH or POTS & PANS setting, detergent is released. Reload covered section of dispenser before starting Normal Wash Cycle or Pots & Pans Cycle.
4. Close and latch the door. The dishwasher will automatically start the new cycle.

What happens in each cycle

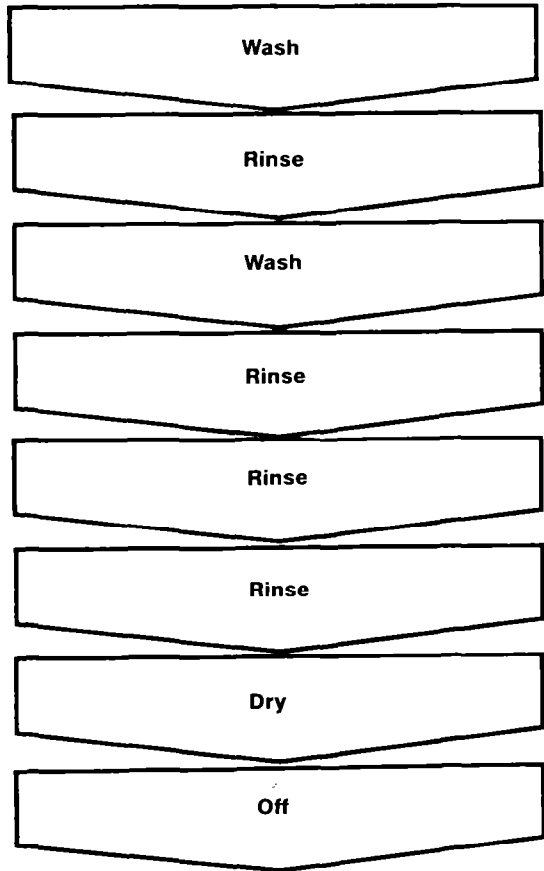
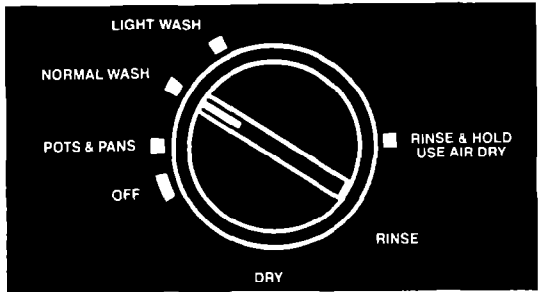
Pots & Pans Cycle

A double wash for maximum cleaning of cooked-on or baked-on foods. The Heat Dry Option is automatically selected during this cycle. Cycle time is about 89 minutes.



Normal Wash Cycle

A double wash for moderate to heavily soiled loads. (The Energy Guide Label is based on this cycle.) Cycle time* is about 81 minutes.

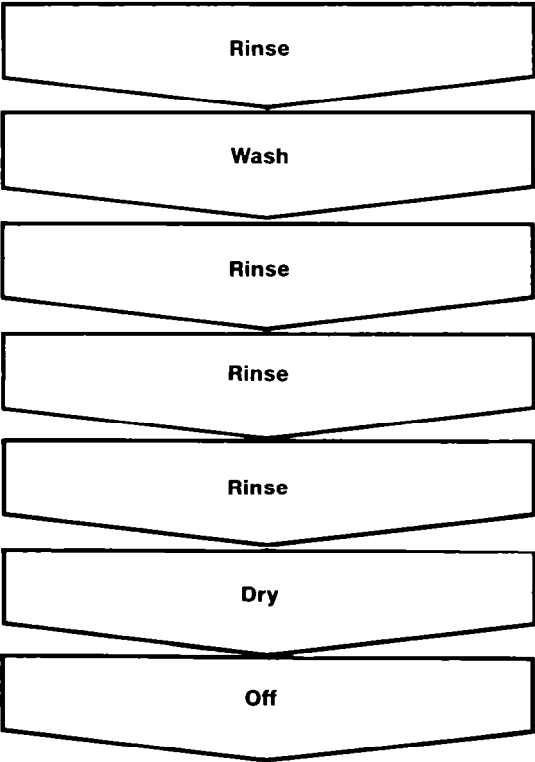
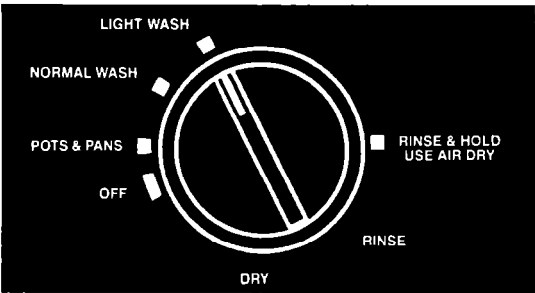


*Cycle time includes heated dry times.

Operating Instructions
Continued

Low Energy Wash Cycle

A single wash for light to moderately soiled loads.
Cycle time* is about 73 minutes.



*Cycle time includes heated dry time.

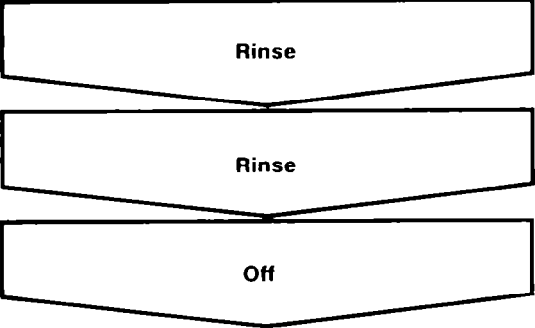
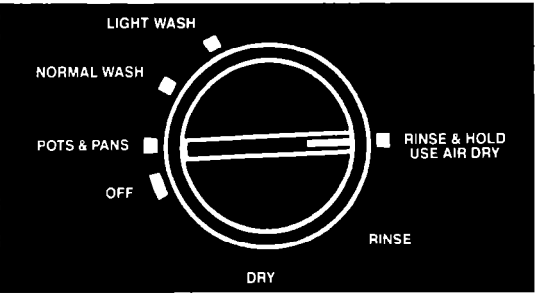
What happens in each option

Heat Dry Option

If the Heat Dry Option is selected, air in the dishwasher is heated during the “dry” part of the cycle. For best drying results, use a liquid rinse agent such as Jet-Dry.®

Rinse & Hold Cycle

For rinsing a few items to be washed one or more days later. Cycle time is about 10 minutes. Do not use detergent. Use Air Dry Option only. Heat Dry Option may cause food to bake on dishes.



Air Dry Option

If the Air Dry Option is selected, air in the dishwasher is not heated. Using this option helps save energy, but dishes take longer to dry (overnight) and some water spotting may result. Some items (such as plastics) may need towel drying. For best drying results, use a liquid rinse agent such as Jet-Dry.®

NOTE: For the 8300 series models, the Air Dry Option cannot be selected for Pots & Pans Cycle.

Proper Loading

Preparation for loading

It is not necessary to rinse dishes before putting them into the dishwasher. Just remove large pieces and quantities of food and bones. The filtering system helps keep food particles out of the wash water. Small particles are flushed away as water is pumped out. Larger particles are trapped on the filter system screen. Refer to "Dishwasher care & cleaning" on page 12 for filter screen cleaning instructions.

Always load dishes so soiled surfaces are reached by spray from rotating spray arm. Water must be able to drain off completely for best drying results. Be careful to separate items so spray can reach all surfaces.

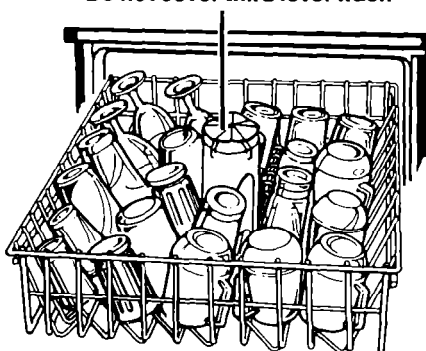
Top rack loading

The top rack is designed for cups, glasses and smaller items. Some models have a third level wash to improve washability. Do not cover the third level wash when loading the top rack.

Cup and glass load

- Place so open ends face down for cleaning and draining.
- **Load glasses in top rack only.** Bottom rack is not designed for glasses. Damage may occur.
- Place items in the rows **between** prongs. Placing them **over** the prongs can lead to breakage.
- Be sure lightweight items are held firmly in place.
- China, crystal and other delicate items must not touch each other during dishwasher operation. Damage may occur.

Do not cover third level wash



Cup and glass load

Do not cover third level wash



Mixed load

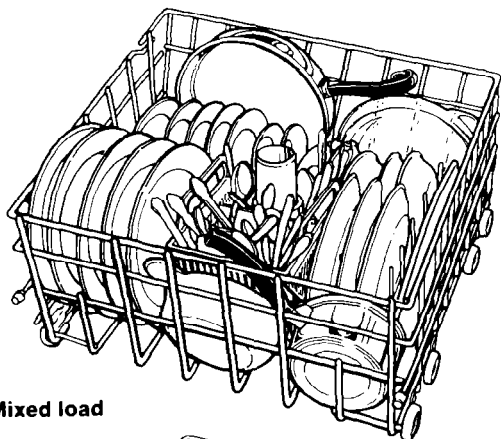
Mixed load

- Load plastic items **only in the top rack.** Only plastic items marked "dishwasher safe" are recommended.
- Load plastic items so the force of the spray does not move them during the cycle.
- Plastic items can be melted in the bottom rack.

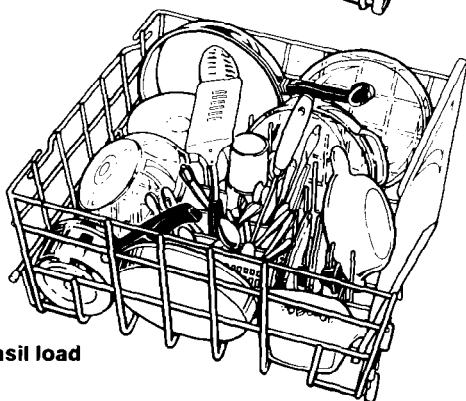
Utensil load

- Small bowls, pans and other utensils can be placed in the top rack.

Proper Loading Continued



Mixed load



Utensil load



Bottom rack loading

Items with cooked-on or dried-on food should be loaded in the bottom rack, with soiled surfaces facing inward to the spray.

Mixed load

- Make sure pot handles and other items do not stop rotation of the lower spray arm. Spray arm must move freely.
- Load items so they do not block or cover the spray tower.
- Securely place heavily soiled cookware face down in rack.

Dish load

- Place plates, soup bowls, etc., **between** prongs and facing inward to the spray.
- Do not place items directly over spray tower.

Utensil load

- Load cookie sheets, cake pans and other large items at sides and back. Loading such items in front may keep water spray from reaching detergent dispenser.

NOTE:

- Do not load glasses, cups or plastic items in the bottom rack.
- When lower rack is removed, replace with bumpers in front.

Silverware basket loading

Load the silverware basket while it's in or out of the bottom rack. The loaded basket should be in the center front (over the spray tower) of the bottom rack.

Load forks and spoons so they don't nest together. Spray can't reach nested items.

Mix items in each section of the basket with some pointing up and some down.

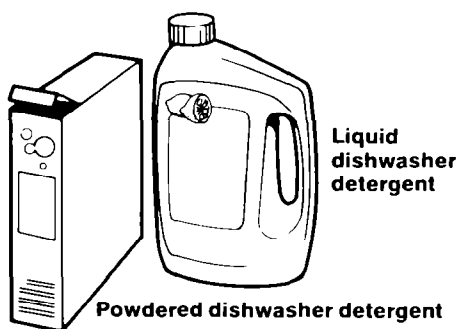
Small items – baby bottle caps, jar lids, etc. – can be put in any section.

⚠ WARNING

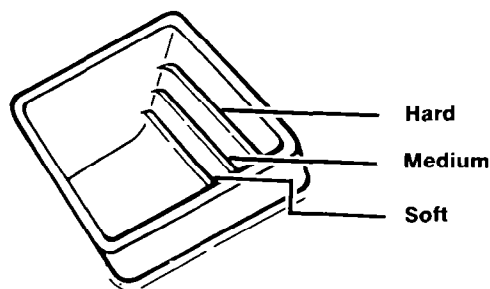
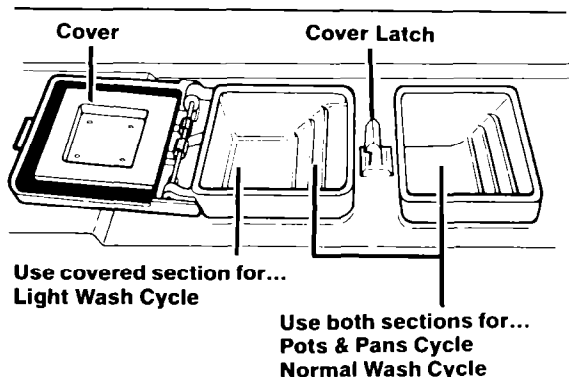
Personal Injury Hazard

To avoid cuts from sharp items (knives, forks, skewers, etc.), make sure these items are put in point down.

Adding Detergent



See phosphorus content on product labels.



What kind of detergent to use

Use automatic dishwasher detergent only.

Other detergents are too mild and much too sudsy to work in the dishwasher.

Different brands of dishwasher detergent have different amounts of phosphorus for softening water. If water is hard and phosphorus content is low (6.0% or less), you may need to use more detergent or use a brand with a higher phosphorus content (8.7% or higher).

Do not add detergent until you are ready to wash. **Fresh automatic dishwasher detergent is necessary for best washing results.**

Store detergent tightly closed in a cool, dry place.

The detergent dispenser

The detergent dispenser has one section with a cover and one without.

- Put detergent in both sections for cycles with two washes.
- Put detergent in the covered section only for cycles with one wash.
- Push the cover down until it is latched.

Detergent in the open section falls into the dishwasher when the door is closed. The covered section opens automatically when the main wash starts.

NOTE: It is normal for cover to open partially when dispensing detergent. The cover will open fully when the door is opened.

How much detergent to use

The amount of detergent to use depends on the hardness of your water. If too little is used, dishes won't be clean. However, if too much is used in soft water, glassware will begin to etch.

Find out your water's hardness by asking your local water department, water softener company or county extension agent.

- **HARD** – Fill 1 or both sections to top line if water hardness is 8 or more grains per gallon, or 136 or more parts per million.
- **MEDIUM** – Fill 1 or both sections to middle line if water hardness is 5 to 7 grains per gallon, or 85 to 119 parts per million.
- **SOFT** – Fill 1 or both sections to bottom line if water hardness is 0 to 4 grains per gallon, or 0 to 68 parts per million.

Using Rinse Agent Dispenser

Rinse agent dispenser

Keep the rinse agent dispenser filled with a liquid rinse agent such as Jet-Dry®. **A rinse agent greatly improves the drying of dishes by helping water flow off of them during the last rinse.** A rinse agent also keeps water from forming droplets and drying as spots. A small amount of rinse agent is automatically released into the rinse water during the final rinse of each cycle.

For best drying results, check the dispenser periodically to see if it needs refilling.

To check dispenser

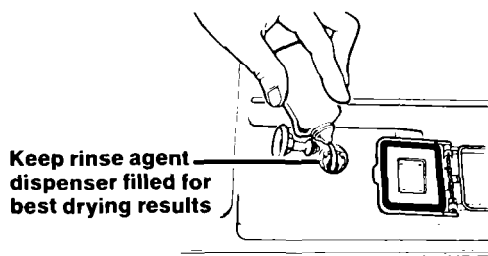
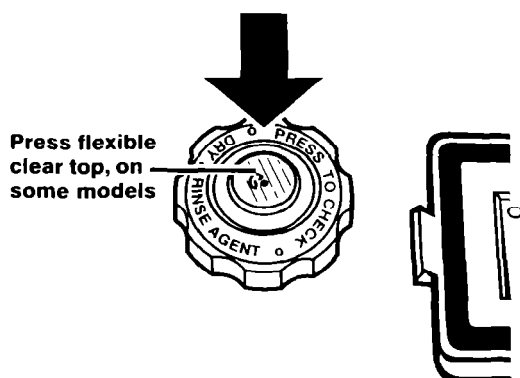
The center of the Fill Indicator Cap will be clear when dispenser needs refilling. An "E" will also be visible inside the dispenser when the cap is removed and the dispenser is empty.

On some models:

1. Press the flexible clear top of the Fill Indicator Cap to draw rinse agent into cap.

NOTE: You may need to press cap two or three times to remove all of the air bubbles from the cap.

2. When rinse agent does not show in cap, even after pressing flexible cap several times, dispenser needs refilling.



To fill dispenser

The dispenser will hold 6 ounces of rinse agent. Under normal conditions, this will last about 3 months. You do not have to wait until the dispenser is empty to refill it, but do not overfill it.

Make sure the dishwasher door is fully open before removing the Fill Indicator Cap. Do not fill past the smallest opening in the lower part of the dispenser. If you overfill, excess rinse agent can come out. This will not harm the dishwasher, but could cause over-sudsing. Clean up any spilled rinse agent with a damp cloth. Replace the Fill Indicator Cap and keep it tightly closed.

NOTE: Because your dishwasher is designed to use a liquid rinse agent, you do not need to use a solid or bar-type rinse agent.

For Best Results

Hot water is a must

Hot water dissolves and activates the dishwashing detergent. Hot water dissolves grease on dishes and helps dry glasses spot-free. Make certain loads are washed in hot water.

Maintain a 140°F (60°C) water supply at central water heater. To check water temperature, turn on hot water faucet nearest the dishwasher. Let water run until it is as hot as possible, then check with a candy or meat thermometer. If the temperature at the faucet is below 135°F (57°C), have a qualified person raise the water heater thermostat setting.

Quiet operating tips

To avoid thumping and clattering noises during operation:

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

NOTE: Keep sink drain plugs inserted during dishwasher operation to prevent noise transfer through drains.

Special tips

Remember, use your dishwasher only for the job it was designed to do. Some items are not dishwasher safe or may require special care. Read these special tips for the following items:

Aluminum: Aluminum loses its bright, shiny appearance and darkens in color due to minerals in the water and the alkalinity of the dishwasher detergent. Colored aluminum may fade.

TIPS: If washed in the dishwasher avoid placing directly in front of detergent dispenser where it could be sprinkled with undissolved detergent, causing spotting, pitting, and discoloration. Follow utensil manufacturer's cleaning instructions.

China: Check manufacturer's recommendations. Hand-painted, metal-trimmed, and antique china fade due to high water temperatures and alkaline detergent solution in the dishwasher.

NOTE: Delicate, antique items should not be washed in the dishwasher.

TIPS: Load china carefully. **Do not** allow pieces to touch each other. Test one piece by washing it daily in the dishwasher for several weeks. Then compare it with the rest of the set to see if colors have changed.

Crystal and decorative glasses: Crystal can break from sudden exposure to high water temperature. Metal trim and colorful decoration on glass will fade in time when washed in the dishwasher.

NOTE: Delicate, antique items should not be washed in the dishwasher.

TIPS: Load crystal carefully in **top rack only**. Be sure to load a few larger items in the bottom rack to reduce amount of force of water spray reaching glassware from lower spray arm. Use the shortest cycle.

Flatware: Salty and acidic food may tarnish silver and stainless flatware if allowed to remain on the utensils. A film may form on sterling silver and silver plate items washed in a dishwasher. This film is caused by reaction of silver with chlorine in the detergent. **Gold flatware is not dishwasher safe.** The adhesive used in some flatware with hollow handles is not heat resistant, causing the handles to come off in the dishwasher. Wash by hand.

TIPS: Rinse flatware as soon as possible, especially if it is not to be washed right away. Dishwasher detergent may remove antique finishes. Wash by hand. Tarnish and film build-up can be removed with silver polish.

Cast iron utensils: The seasoned finish will be removed in the dishwasher. Rusting will result.

TIPS: Wash by hand. To re-season, coat with unsalted fat and heat in a slow oven for an hour or two.

Plastics: Many plastics will have "Dishwasher Safe" written on them. Some plastics are heat sensitive and may melt or warp.

TIPS: If in doubt, try one piece. Place in upper rack only. Air Dry Option provides additional protection.

Non-stick finish utensils: Most can be washed in the dishwasher.

TIPS: Follow manufacturer's suggestions.

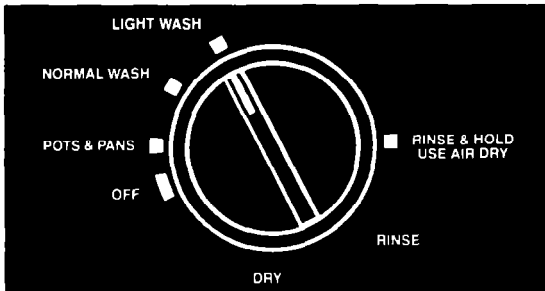
Wood: Many wooden items will crack and warp or lose their finish.

TIPS: **Do not** wash cutting boards, wooden salad bowls or knives with wooden handles in the dishwasher.

Pewter or pewter-like materials: Items may streak, discolor, and pit.

TIPS: To keep pewter at its very best, hand wash with mild detergent.

For Best Results Continued



Energy saving tips

You can help save energy if you:

- 1. Wash full loads.** Running a half-filled dishwasher uses the same amount of electricity and hot water as a fully loaded machine.
- 2. Use the Light Wash Cycle for moderately soiled loads.** It uses less hot water and energy than the Normal Wash Cycle.
- 3. Air dry dishes** when you don't need a rapid drying cycle. Allow longer drying times (overnight). Use a rinse agent to improve drying.
- 4. Load correctly** for best washing results. Incorrect loading may cause poor washing and the need to rewash all or part of the load.
- 5. Do not pre-rinse normally soiled dishes.** Select the correct cycle for the load and use the recommended amount of detergent for good washing results without hand rinsing.
- 6. Use your dishwasher** during off-peak hours. Local utilities recommend this to avoid heavy usage of energy at certain times of day.

Dishwasher care & cleaning

Exterior – Regular use of a soft, damp cloth or sponge and a mild detergent is all that is necessary, in most cases, to keep the outside of your dishwasher nice looking and clean.

Interior – Hard water minerals may cause a white film to build-up on the inside surfaces, especially just beneath the door area. To clean dishwasher interior:

1. Apply powdered dishwasher detergent to a damp sponge to make a paste.
- OR
2. Use liquid automatic dishwasher detergent and clean with damp sponge.

Wear rubber gloves. **Do not** use any type of cleanser other than automatic dishwasher detergent because it may cause foaming or sudsing.

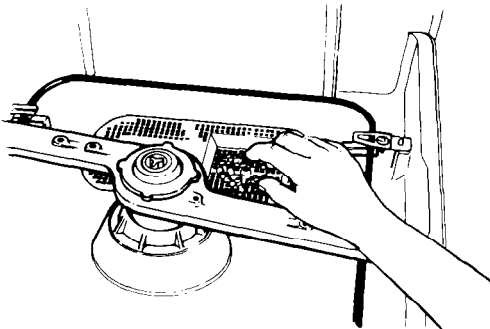
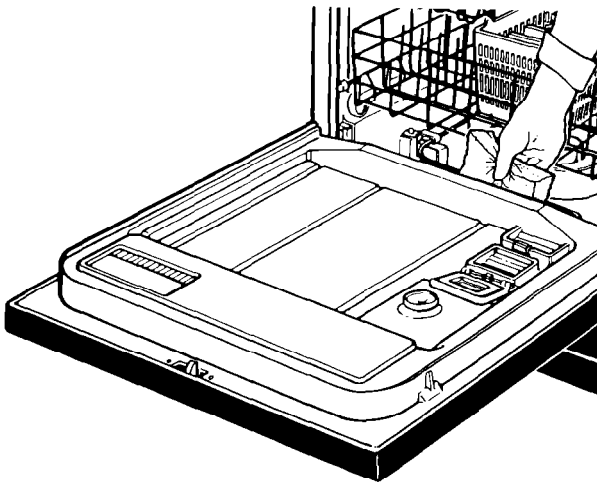
Filter Screen – The filter system requires periodic cleaning as needed. To clean screen:

⚠ WARNING

Personal Injury Hazard

Wait at least 20 minutes after a cycle for the heating element to cool down. Failure to do so can result in burn injuries.

1. Unload and slide bottom rack forward. (Remove bottom rack if necessary to reach filter screen.)
2. Remove collected particles from the screen with your fingers or paper towel.
3. Return bottom rack to original position.



Common Dishwashing Problems

Spotting and filming

Hard water

Fill detergent dispensers to capacity. Use dishwasher detergent with highest available phosphorus content. May be necessary to install water softener.

To remove spots and film, try a vinegar rinse...

1. Wash and rinse load as usual. Use Air Dry Option.
2. Remove all metal items.
3. Put 2 cups (500 mL) white vinegar in a container on the bottom rack.
4. Run dishwasher through a complete washing cycle.

Water is not hot enough

Water temperature should be at least 140°F (60°C). Set water heater thermostat to a higher setting. Run water at sink until hot before starting.

Not enough detergent, or improper detergent

Use more dishwasher detergent. Use detergent with highest available phosphorus content... especially with hard water.

"Old" detergent

Use only fresh dishwasher detergent. Store **tightly closed** container, in cool, dry place. Discard old detergent. Do not fill dispensers until ready to start dishwasher.

Improper loading

Make sure dishes and glassware are loaded so spray reaches all surfaces and items drain properly. Do not overload. Do not nest items.

Make sure large items do not block spray from reaching detergent dispensers.

No rinse agent

Does the rinse agent dispenser need filling? See instructions on page 10.

AIR DRY Setting used

Drying without heat may result in some spotting of glasses and silver.

Small particles deposited on items

Spray arm not rotating freely

Check spray arm to make sure it turns freely after loading. Be sure a utensil has not prevented its turning.

"Old" detergent

Use only fresh dishwasher detergent. Store **tightly closed** container, in cool, dry place. Discard old detergent. Do not fill dispensers until ready to start dishwasher.

Not enough detergent, or improper detergent

Use more dishwasher detergent. Use detergent with highest available phosphorus content... especially with hard water.

Water is not hot enough

Water temperature should be at least 140°F (60°C). Set water heater thermostat to a higher setting. Run water at sink until hot before starting.

Water pressure may be low, dishwasher is not filling properly

If water pressure is low, do not use water for other purposes while dishwasher is running (to assure correct fills).

Dishes not dry

No rinse agent

Does the rinse agent dispenser need filling? See instructions on page 10.

Water is not hot enough

Water temperature should be at least 140°F (60°C). Set water heater thermostat to a higher setting. Run water at sink until hot before starting.

Improper loading

Make sure dishes and glassware are loaded so spray reaches all surfaces and items drain properly. Do not overload. Do not nest items.

AIR DRY Setting used

Allow more time when using Air Dry Option, or use Heat Dry Option. Plastic items may need towel drying.

Black marks on dishes

Aluminum utensils rubbing against items during washing

Use care in loading aluminum utensils, especially any lightweight foil container. Place so they do not touch dishes. Remove black marks with plastic scouring pad and a mild abrasive cleanser.

Chipping or breaking glassware

Improper loading

Do not overload. Load glasses in the top rack only. Load between prongs, not over them. Glasses loaded over prongs will not be supported and may chip or break.

Common Dishwashing Problems Continued

Dishes not washing clean

Water is not hot enough

Water temperature should be at least 140°F (60°C). Set water heater thermostat to a higher setting. Run water at sink until hot before starting.

Improper loading

Make sure dishes and glassware are loaded so spray reaches all surfaces and items drain properly. Do not overload. Do not nest items. Make sure large items do not block spray from reaching detergent dispensers.

Spray arm not rotating freely

Check spray arm to make sure it turns freely after loading. Be sure a utensil is not sticking out the bottom of the silverware basket and blocking the spray arm from turning.

Not enough detergent or improper detergent

Use more dishwasher detergent. Use detergent with highest available phosphorus content... especially with hard water.

“Old” detergent

Use only fresh dishwasher detergent. Store **tightly closed** container, in cool, dry place. Discard old detergent. Do not fill dispensers until ready to start dishwasher.

Water pressure may be low, dishwasher is not filling properly

If water pressure is low, do not use water for other purposes while dishwasher is running (to assure correct fills).

Cloudy film on glassware, etching – permanent corrosion

Too much detergent in soft water

Check for rainbow hue on glasses. A rainbow hue is the first sign of etching (corrosion of glass). Reduce the amount of dishwasher detergent. Use a detergent with a lower phosphorus content.

Inadequate rinsing

If water pressure is low do not use water for other purposes while dishwasher is running (to assure correct water fills). Make sure dishes and glassware are loaded properly to assure adequate rinsing and draining. Do not overload.

Dishes & interior of dishwasher yellow or brown

Iron or manganese in water

Temporary remedy:

1. Set empty dishwasher for a “one wash” cycle.

2. Start dishwasher and unlatch door to stop it when it has filled for the wash part of the cycle.
3. Add ¼ to ½ cup (120 to 240 mL) of citric acid crystals (usually available in drugstores).
4. Close and latch door to complete cycle.

Permanent solution: Install an iron or manganese filter or water softener to home water supply.

Rust spots on stainless steel – OR – Dark spots on flatware: stainless steel, silver plate, or sterling

Allowing salty or acidic foods such as mayonnaise, vinegar, fruit juices, salad dressings, milk products to remain on flatware

Rinse flatware that is to stand for several hours before washing (use the Rinse & Hold Cycle). Clean stained items with silver polish and re-wash.

Do not put stainless steel and silver flatware in the same silverware basket compartment. Direct contact between these metals can cause permanent damage to the silver.

Undissolved detergent coming in contact with flatware

Remove spots with silver polish. Avoid spilling concentrated detergent on wet flatware.

Bronze tarnish on silverplate

Silverplate is worn off. Exposed base metal takes on a bronzed hue

Remove tarnish with silver polish. Have silver replated.

Water left in bottom of dishwasher above grate

Dishwasher cycle not completed

Allow dishwasher to complete cycle. Some remaining water is normal and keeps seals from drying.

Clogged drain air gap

Some plumbing codes require use of a drain air gap between an **undercounter** dishwasher and the drain system of the house. The air gap is usually located above the sink or on the top of the counter near the dishwasher to prevent the possibility of water backing up from the drain into the dishwasher due to a plugged drain. The drain air gap is **not** a part of the dishwasher and is **not** covered by the dishwasher warranty. The drain air gap should be kept clean to ensure proper draining of the dishwasher.

If You Need Service Or Assistance

We suggest you follow these steps:

1. Before calling for assistance...

Performance problems often result from little things you can find and fix yourself without tools of any kind.

If your dishwasher will not run, or stops during a cycle:

- Is the door tightly closed and securely latched?
- Has the cycle been correctly set?
- Is the indicator above the POTS & PANS button white, if you are using the Pots & Pans Cycle? See page 4.
- Is the water turned on?
- Have you checked your home's main fuses or circuit breaker box?
- Is the dishwasher wired into a live circuit with the proper voltage?
- If the motor has stopped because of an overload, it will automatically reset itself within a few minutes. If the motor does not start, call for service.

If dishwasher won't fill:

- Is overflow protector stuck in "up" position? Overflow protector should move up and down freely. Press down to release.

If water remains in the dishwasher:

- Has the cycle completed?
- A small amount of remaining water is normal.
- Is drain air gap clogged?

If detergent remains in the covered detergent cup:

- Is the bottom rack in backwards? (The rack bumpers should be at the front.)
- Is the dishwasher detergent fresh and dry without lumps?
- Is the cycle completed?

If white residue appears on front of access panel:

- Is more detergent being used than needed? See page 9 for recommended amounts of detergent.
- Some liquid detergents develop excess foam and build up on exterior of access panel. Try a different brand to reduce foaming and eliminate build-up.

If dishes aren't as dry as you expected:

- Is the rinse agent dispenser filled? Using a rinse agent greatly improves drying. (See page 10.)

2. If you need assistance*...

Call Whirlpool Consumer Assistance Center telephone number. Dial free from anywhere in the U.S.:

1-800-253-1301

and talk with one of our trained consultants. The consultant can instruct you in how to obtain satisfactory operation from your appliance or, if service is necessary, recommend a qualified service company in your area.

If you prefer, write to:

Mr. William Clark
Consumer Assistance Representative
Whirlpool Corporation
2000 M-63
Benton Harbor, MI 49022

Please include a daytime phone number in your correspondence.

3. If you need service*...



Whirlpool has a nationwide network of authorized WhirlpoolSM service companies. Whirlpool service technicians are trained to

fulfill the product warranty and provide after-warranty service, anywhere in the United States. To locate the authorized Whirlpool service company in your area, call our Consumer Assistance Center telephone number (see Step 2) or look in your telephone directory Yellow Pages under:

APPLIANCES - HOUSEHOLD - ELECTRICAL APPLIANCES -
MAJOR - SERVICE & REPAIR MAJOR - REPAIRING & PARTS
OR
WASHING MACHINES, DRYERS
& IRONERS - SERVICING
WHIRLPOOL APPLIANCES
AUTHORIZED WHIRLPOOL SERVICE
SERVICE COMPANIES
XYZ SERVICE CO
123 MAPLE 999-9999

4. If you need FSP[®] replacement parts*...

FSP is a registered trademark of Whirlpool Corporation for quality parts. Look for this symbol of quality whenever you need a replacement part for your Whirlpool appliance. FSP replacement parts will fit right and work right, because they are made to the same exacting specifications used to build every new Whirlpool appliance.

To locate FSP replacement parts in your area, refer to Step 3 above or call the Whirlpool Consumer Assistance Center number in Step 2.

5. If you are not satisfied with how the problem was solved*...

- Contact the Major Appliance Consumer Action Panel (MACAP). MACAP is a group of independent consumer experts that voices consumer views at the highest levels of the major appliance industry.
- Contact MACAP only when the dealer, authorized servicer and Whirlpool have failed to resolve your problem.

Major Appliance Consumer Action Panel
20 North Wacker Drive
Chicago, IL 60606

- MACAP will in turn inform us of your action.

When requesting assistance, please provide: model number, serial number, date of purchase, and a complete description of the problem. This information is needed in order to better respond to your request.

WHIRLPOOL® Dishwasher Warranty

LENGTH OF WARRANTY	WHIRLPOOL WILL PAY FOR
FULL ONE-YEAR WARRANTY From Date of Purchase	FSP® replacement parts and repair labor to correct defects in materials or workmanship. Service must be provided by an authorized Whirlpool SM service company.
FULL TWENTY-YEAR WARRANTY From Date of Purchase	FSP replacement parts and repair labor for the DURAPERM™ tub and/or inner door should they fail to contain water due to defective materials or workmanship.
WHIRLPOOL WILL NOT PAY FOR	
A. Service calls to: 1. Correct the installation of the dishwasher. 2. Instruct you how to use the dishwasher. 3. Replace house fuses or correct house wiring or plumbing. B. Repairs when dishwasher is used in other than normal, single-family household use. C. Pickup and delivery. This product is designed to be repaired in the home. D. Damage to dishwasher caused by accident, misuse, fire, flood, acts of God or use of products not approved by Whirlpool. E. Repairs to parts or systems caused by unauthorized modifications made to the appliance.	

8/92

WHIRLPOOL CORPORATION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages so this limitation or exclusion 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.

Outside the United States, a different warranty may apply. For details, please contact your authorized Whirlpool distributor or military exchange.

If you need service, first see the "Service or Assistance" section of this book. After checking "Service or Assistance," additional help can be found by calling our Consumer Assistance Center telephone number, **1-800-253-1301**, from anywhere in the U.S.

® Registered Trademark/TM Trademark/SM Service Mark of Whirlpool Corporation