

# How to get the best from **Your Dishwasher**

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Use and Care of  
built-in model  
**HDA799M**

# HOTPOINT

## Help us help you...

### Before using your dishwasher, read this book carefully.

It is intended to help you operate and maintain your new dishwasher properly.

Keep it handy for answers to your questions.

If you don't understand something or need more help, write (include your phone number):

Consumer Affairs  
**Hotpoint**  
Appliance Park  
Louisville, KY 40225

### Write down the model and serial numbers.

You'll find them on a label fastened to the tub wall just inside the dishwasher door.

These numbers are also on the Consumer Product Ownership Registration Card that comes with your dishwasher. Before sending in this card, please write these numbers here:

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Model Number

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Serial Number

Use these numbers in any correspondence or service calls concerning your dishwasher.

### If you received a damaged dishwasher...

Immediately contact the **dealer** (or **builder**) that sold you the dishwasher.

### Save time and money. Before you call for service...

Check the Problem Solver (pages 12-14). It lists causes of minor operating problems that you can correct yourself.

## Energy-saving Tips

The power consumption of your dishwasher can be minimized if you follow these suggestions:

• **Operate dishwasher only when full.** Let dishes accumulate in dishwasher. When you put in a partial load, use **RINSE HOLD** cycle to rinse off heavy soils. Be sure to latch door when waiting for full load. This helps keep soils moist, easier to remove.

• **Select cycle that uses least amount of water to remove soil from load.** See pages 4 and 5.

• If you don't need your dishes right away, **use your Drying Heat OFF feature** that turns the drying heater off automatically and saves energy. Dishes dry naturally over a longer period such as overnight.

## If You Need Service

To obtain service, see the Consumer Services page in the back of this book.

We're proud of our service and want you to be pleased. If for some reason you are not happy with the service you receive, here are three steps to follow for further help.

**FIRST**, contact the people who serviced your appliance. Explain why you are not pleased. In most cases, this will solve the problem.

**NEXT**, if you are still not pleased, write all the details—including your phone number—to:

Manager, Consumer Relations  
**Hotpoint**  
Appliance Park  
Louisville, Kentucky 40225

**FINALLY**, if your problem is still not resolved, write:

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

# IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

**WARNING**—When using this appliance, always exercise basic safety precautions, including the following:

• Use this appliance only for its intended purpose, as you will find described in this Use and Care Book.

• This dishwasher must be properly installed and located in accordance with the Installation Instructions before it is used. If you did not receive an Installation Instructions sheet with your dishwasher, you can obtain one by contacting the service location nearest you.

—This appliance 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 of the appliance.

—Connect to a properly rated, protected and sized power-supply circuit to avoid electrical overload.

• Do not store or use combustible materials, gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

• Use only powder or liquid detergents or wetting agents recommended for use in a dishwasher.

• Do not wash plastic items unless marked “dishwasher safe” or the equivalent. For plastic items not so marked, check the manufacturer’s recommendations.

• Load light plastic items so they will not become dislodged and drop to the bottom of the dishwasher—they might come into contact with the heating unit and be damaged.

To minimize the possibility of injury.

• When loading items to be washed:

A. Locate sharp items so that they are not likely to damage the door seal, and

B. Load sharp knives with the handles up to reduce the risk of cut-type injuries.

• Do not touch the heating element during or immediately after use.

• Do not operate your dishwasher unless all enclosure panels are properly in place.

• Do not tamper with controls.

• Do not abuse, sit on, or stand on the door or dish rack of the dishwasher.

• Close supervision is necessary if this appliance is used by or near children. Do not allow children to play inside, on or with this appliance or any discarded appliance. Dispose of discarded appliances and shipping or packing material properly. Before discarding a dishwasher, remove the door of the washing compartment.

• Keep all washing detergents and wetting agents out of the reach of children, preferably in a locked cabinet. Observe all warnings on container labels to avoid personal injury.

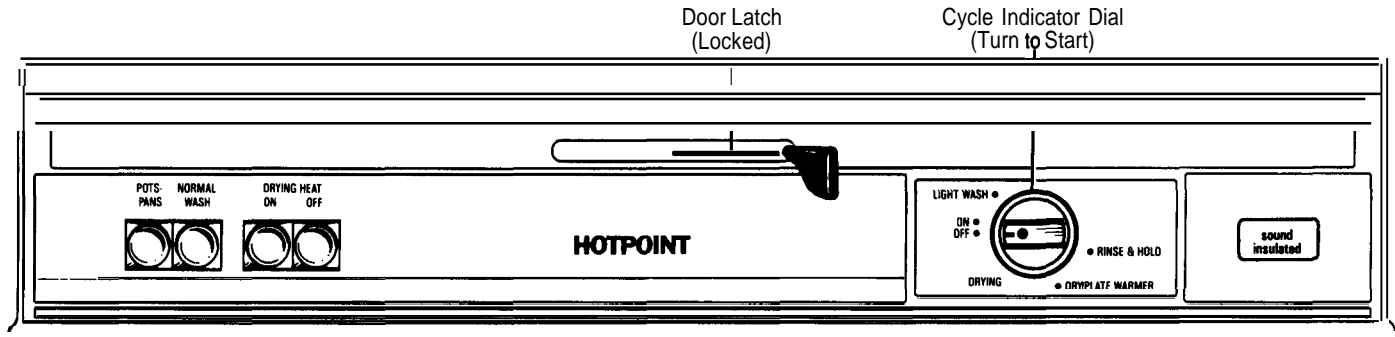
• To minimize the possibility of electric shock, disconnect this appliance from the power supply before attempting any maintenance. Note: Turning the control dial to the OFF position does not disconnect the appliance from the power supply. We recommend having a qualified technician service your appliance.

**WARNING—HYDROGEN GAS**

is produced by the chemical action within your water heater. It can accumulate in the water heater and/or water pipes if hot water has not been used for a period of two weeks or longer. HYDROGEN GAS IS EXPLOSIVE. To prevent the possibility of damage or injury, if you have not used hot water for two weeks or more, or moved into a residence in which the hot water system may not have been used for some time, turn on all hot water faucets and allow them to run for several minutes before using any electrical appliance which is connected to the hot water system. This will allow any hydrogen gas to escape. Also, since the gas is flammable, do not smoke or use an open flame or appliance during this process.

## SAVE THESE INSTRUCTIONS

# How to operate your dishwasher

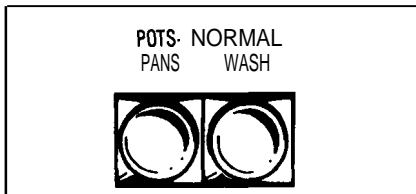


**STEP 1.** Load your dishwasher with dishes, silverware, pots, pans, bowls, etc. according to instructions on pages 8 and 9.

**STEP 2.** Add detergent to the detergent dispenser. **Make** sure the Cycle Indicator Dial is at OFF position before adding detergent. (See pages 6 and 7.)

Use rinse aid agent to help prevent spotting. (See page 6.)

**STEP 3.** Select DRYING HEAT option. It must be ON for PLATE WARMER cycle, OFF for RINSE HOLD cycle. It can be ON or OFF, at your option (see below), for any of the wash cycles,



**ON:** Turns the drying heater on for fast drying.

**OFF:** Turns the drying heater off to save energy. Dishes will dry naturally over a longer period such as overnight.

If you need your dishes sooner, open the dishwasher door after the cycle is complete to reduce the natural drying time.

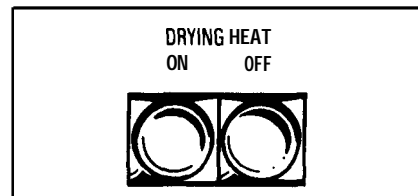
Use of this option reduces the electrical energy used by this model approximately 10% for the NORMAL WASH cycle.

**STEP 4.** Select the cycle and start the dishwasher.

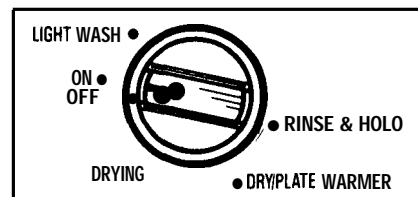
If your dishwasher drains into a food waste disposer, operate the disposer until it is empty before starting the dishwasher. (See Cycle Selection Hints at right.)

To obtain the benefits of a **complete** cycle, be careful that you **do not turn the dial any further than necessary** to start the dishwasher.

**Form & PANS and NORMAL WASH cycle:**



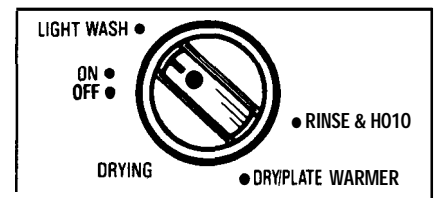
- Push selected cycle button.
- Latch the door.



- Slowly turn Cycle Indicator Dial to ON position to start the cycle. You will hear the motor start. There is a time delay between start-up and water fill so you will not hear any wash action right away.

**For LIGHT WASH cycle:**

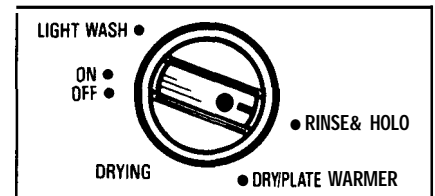
- Be sure door is unlatched.
- Push NORMAL WASH cycle button.



- Slowly turn Cycle Indicator Dial to LIGHT WASH position.
- Latch door to start the cycle.

**For RINSE HOLD cycle:**

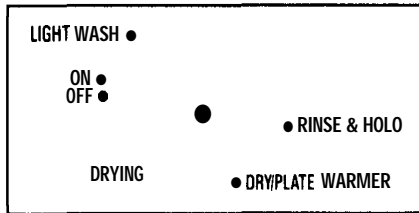
- Be sure door is unlatched.
- Select DRYING HEAT-OFF drying option.



- Slowly turn Cycle Indicator Dial to RINSE HOLD position.
- Latch the door to start the cycle.

• For **PLATE WARMER** cycle:

- a. Load clean plates and dishes to be warmed.
- b. Select **DRYING HEAT—ON** drying option.
- c. **Leave the door unlatched.**



- d. **Slowly turn** Cycle Indicator Dial clockwise to **PLATE WARMER** position.
- e. Latch the door to start the cycle.

**What happens in each cycle**

- You'll hear occasional clicking sounds:
  - Soft food disposer shredding action.
  - Drain valve opening to pump water out.
  - Timer control as cycle progresses.
  - Detergent cup opening

**Cycle selection hints**

It is important to follow the loading instructions on pages 8 and 9.

**POTS & PANS**—For items such as pots, pans, cookware, dishes and glasses with heavy soil. Everyday dishes may be included.

**NORMAL WASH**—For most loads of everyday dishes, glasses and cookware with medium soils.

**LIGHT WASH**—For dishes that have been pre-rinsed before loading. Also, for washing *very lightly* soiled dishes with soils that have not dried on.

**RINSE HOLD**—For rinsing partial loads which will be washed later. Select **DRYING HEAT—OFF** drying option. *Do not use detergent.*

**PLATE WARMER**—For warming clean dishes and serving plates for the serving of hot food.

- During the drying period:
  - The motor stops.
  - Water vapor comes through the vent during drying and when water is being circulated.

Wash Cycles	Water Use Gallons (approx.)	Minimum Wash Cycle Time (approx. minutes)	Cycle Sequence						
			Wash/Rinse	Rinse	Rinse	Main Wash	Rinse	Rinse	Rinse
<b>POTS &amp; PANS</b>	12.6	5*	Wash/Rinse	Rinse	Rinse	Main Wash	Rinse	Rinse	Rinse
<b>NORMAL WASH</b>	10.7	55*	Wash/Rinse	Rinse	Main Wash	Rinse	Rinse	Rinse	Rinse
<b>LIGHT WASH</b>	8.9	42*		Rinse	Main Wash	Rinse	Rinse	Rinse	Rinse
<b>RINSE HOLD</b>	3.6	11					Rinse	Rinse	

\***DRYING HEAT—ON:** Add 29 minutes.

## Good dishwashing starts with HOT water.

To get dishes clean and dry, you need hot water. To help you get water of the proper temperature, your dishwasher automatically heats the water in the wash cycle. For good washing and drying, the entering water must beat **least** 120°F. To prevent dish damage, inlet water should not exceed 150°F.

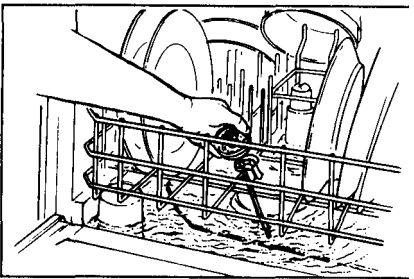
### How to test water temperature:

Check the water temperature inside your dishwasher with a candy or meat thermometer.

Let the dishwasher run through one fill and pump out cycle, then let the dishwasher fill with water the second time.

When you hear the water stop filling, unlatch the door and slowly open it.

Measure the temperature of the water in the bottom of the tub this way:



Remove the silverware basket and place a candy or meat thermometer in the water **towards** the middle of the tub. If the temperature is less than 120°F, you will not get good washing results. Higher water temperature is needed to dissolve grease and activate powder detergents.

**Helpful hints:** If outside temperatures are unusually low, or if your water travels a long distance from water heater to dishwasher, you may need to set your water heater's thermostat up. If you have not used hot water for some time, the water in the pipes will be cold. Turn on the hot water faucet at the sink and allow it to run until the water is hot. Then start the dishwasher. If you've recently done laundry or run hot water for

showers, give your water heater time to recover before operating the dishwasher.

To improve washability if the water is less than 120°F and you cannot adjust your water heater: Select a longer cycle and fill both detergent cups at least half-full with detergent.

## Help prevent spotting with a rinse agent.

A rinse agent makes water flow off dishes quicker than usual. This lessens water spotting and makes drying faster, too.

For best **dishwashing** performance, use of a rinse agent such as JET-DRY brand is recommended.

Rinse agents come in either liquid or solid form. Your dishwasher uses the solid form.

**If you can't find any rinse agent,** write:

**BENCKISER CONSUMER PRODUCTS, INC.**

("JET DRY")

411 W. Putnam Ave.

Greenwich, CT 06830

## How to choose and use the right detergent.

**First, use only powder or liquid detergent specifically made for use in dishwashers. Other types will cause oversudsing.**

**Second, check the phosphate content.** Phosphate helps prevent hard-water materials from forming spots or film on your dishes. If your water is hard (7 grains or more), your detergent has to work harder. Detergents with a higher phosphate level will probably work better. If the phosphate content is low (8.7% or less), you'll have to use extra detergent with hard water.

**Your water department can tell you how hard your water is.** So can your county extension agent. Or your area's water softener company. Just call and ask them how many "grains" of hardness is in your water.

**How much detergent should you use?** That depends. Is your water "hard" or "soft"? With hard water, you need extra detergent to get dishes clean. With soft water, you need less detergent.

Too much detergent with soft water not only wastes money, it can be harmful. It can cause a permanent cloudiness of glassware, called "etching." An outside layer of glass is etched away! But why take a chance when it's easy to find out the hardness of your water.

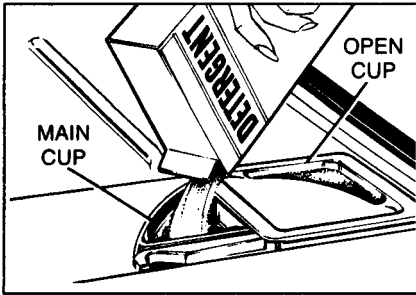
**Keep your detergent fresh and dry.** Under the sink isn't a good place to store detergent. Too much moisture. Don't put powder detergent into the dispenser until you're ready to wash dishes, either. (It won't be fresh OR dry.)

**If your powder detergent gets old or lumpy, throw it away.** It won't wash well. Old detergent **often** won't dissolve.

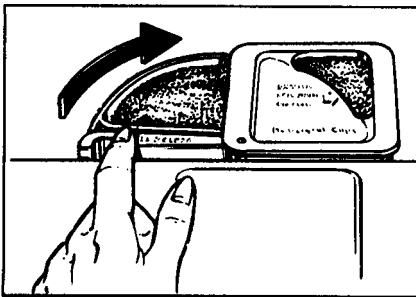
If you use a liquid dishwasher detergent, these precautions are not necessary because liquid detergents don't "lump" as they age or come in contact with water.

## How to prepare the dishes for washing

You'll find two detergent dispensers on the inside door of your dishwasher. Two, because some cycles use two washes.



See "Detergent Usage Guide" below. (Be sure the Cycle Indicator Dial is at **OFF** position before adding detergent. Otherwise, the detergent cup will not close and latch properly.)



Close the main cup.  
**NOTE:** Detergent cup may be opened *manually* with no harm.

If this is your first dishwasher, or if you're replacing a much older model, you may wonder how much pre-preparation your dishes need. Actually very little. Pre-rinsing of normal food soils is not necessary. With common sense and a little practice you'll soon know what foods to remove. Here are some guidelines:

1. Scrape off bones, seeds, skins, toothpicks and other hard solids. It is also best to remove hard shelled vegetables, meat trimmings, leafy vegetables and crusts. Remove excessive quantities of oil or grease.
2. Remove large quantities of any food. Your dishwasher has a built-in soft food disposer that pulverizes soft food bits and flushes them away. It can handle *small* amounts of soft foods, but large amounts will be difficult to handle.

3. Try to remove food scraps and place dishes in dishwasher before soil has a chance to dry and become hard. Dishes with dried-on soil are more difficult to wash and may not come clean in the **NORMAL WASH** cycle. Remember to use your **RINSE HOLD** cycle for small "holding" loads.

**Note:** The foods mentioned above are for examples only. Other foods not mentioned may also need to be removed from your dishes. You may also want to consider removing foods such as mustard, mayonnaise, vinegar, lemon juice and other foods that can cause discoloration of stainless steel if allowed to remain on dishes for a long period of time.

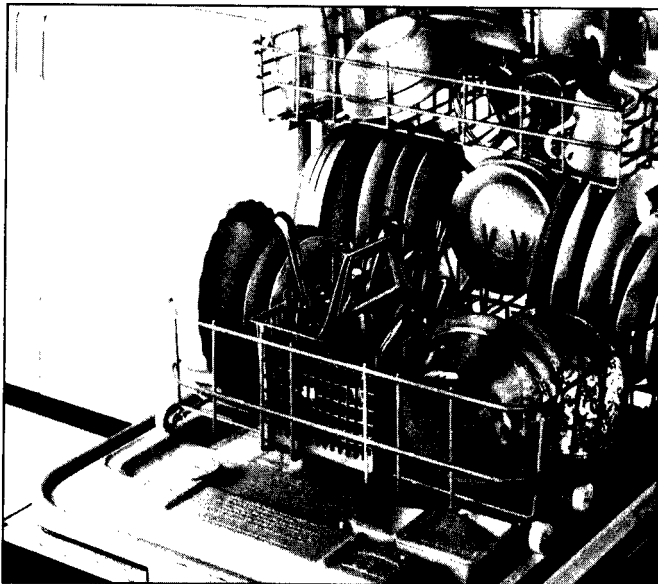
**When using the POTS & PANS cycle, less preparation is required before loading. The POTS & PANS cycle can wash heavily-soiled dishes. Items with burned-on and baked-on soils may not come clean. And the dishwasher cannot remove burn marks or restore fading caused by overheating during cooking.**

## Detergent Usage Guide (powder or liquid)

CYCLES	SOFT WATER (0-3 grains hardness)		MEDIUM WATER (3-7 grains)		HARD WATER (7-12 grains*)	
	Main Cup	Open Cup	Main Cup	Open Cup	Main Cup‡	Open Cup‡
POTS & PANS and NORMAL WASH cycles	1 Tablespoon minimum	1 Tablespoon minimum	Half Full	Half Full	Completely Full	Completely Full
LIGHT WASH cycle	1 Tablespoon minimum	None	Half Full	None	Completely Full	None
RINSE HOLD cycle	Use no detergent		Use no detergent		Use no detergent	

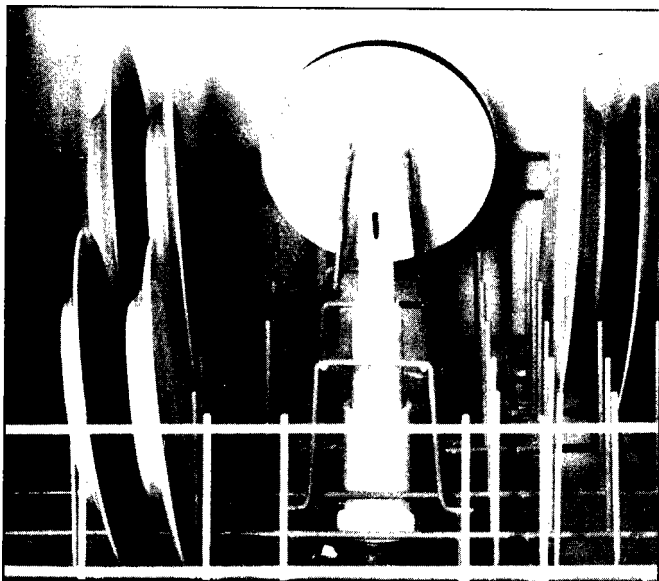
\*12 grains and up is extremely hard water. A water softener is recommended. Without it, lime can build up in the water valve. The water valve may stick while open and cause flooding.  
‡Filled Main Cup holds 3 tablespoons; Filled Open Cup holds 2 tablespoons.

## How to load your dishwasher



*This is a random mixed load, the most common type you will have.*

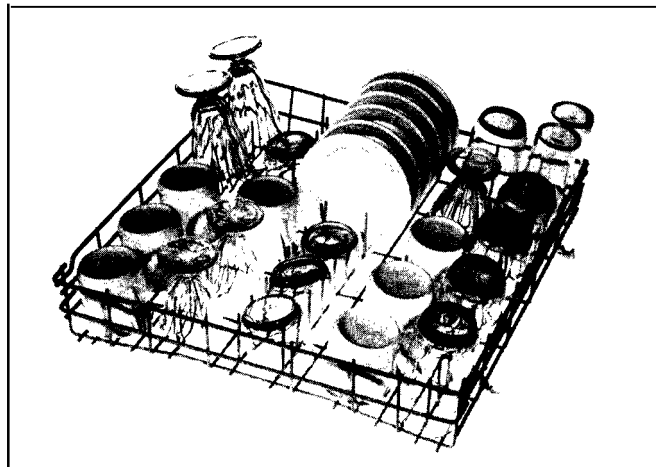
Make sure dishes are properly loaded to insure that water can reach the soiled surfaces. The wash arm in the bottom sprays water up. The tower that rises in the center sends water out over the dishes to wash the items in the upper rack.



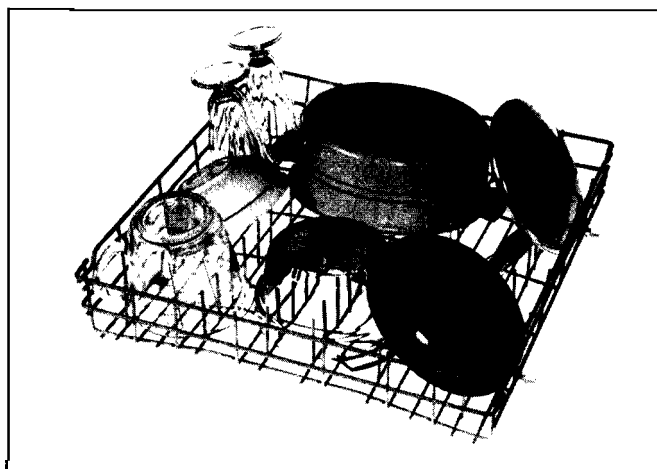
### **WATCH OUT FOR THIS.**

The wash tower rises through the center of the bottom rack during the wash and rinse portions of the cycle. Don't block it or load tall things next to it. Also, be careful not to let a portion of an item such as a pot or dish handle extend through the bottom rack. This could block the wash arm and cause poor washing results.

## How to load the TOP RACK



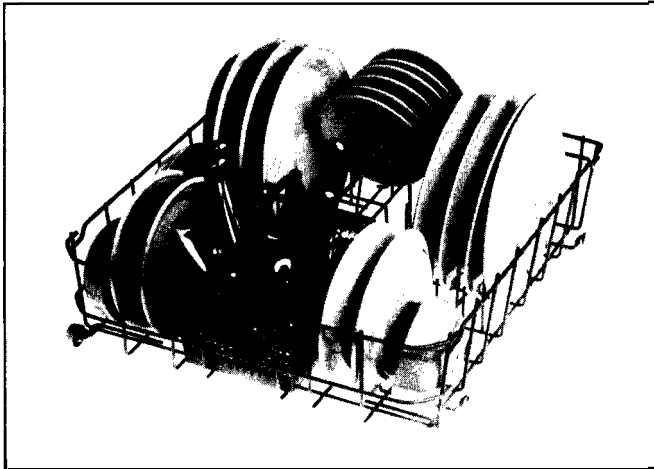
The top rack is best for glasses, cups and saucers. Cups and glasses fit best along the sides. This is the place for dishwasher-safe plastics, too. Make sure small plastic items are lodged in tightly so they can't fall onto the Calrod® heating unit. Arrange stemware so that it cannot move easily. Don't let the glasses touch each other.



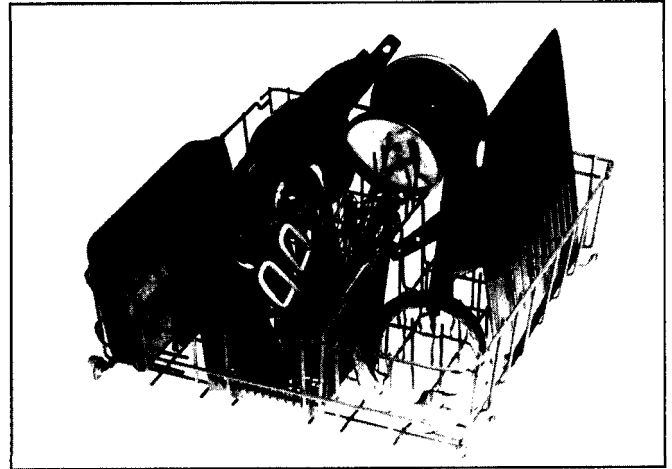
Sauce pans, mixing bowls and other small items may be placed—face down—in the top rack. The top rack is handy for all kinds of odd shapes. Be sure the force of water and detergent can reach soiled surfaces.



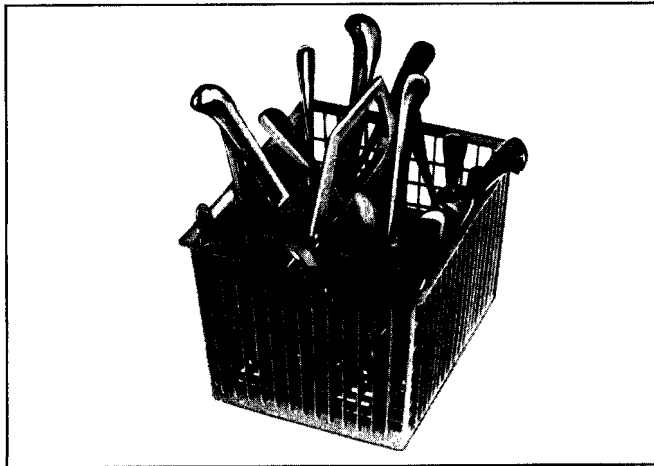
## How to load the BOTTOM RACK



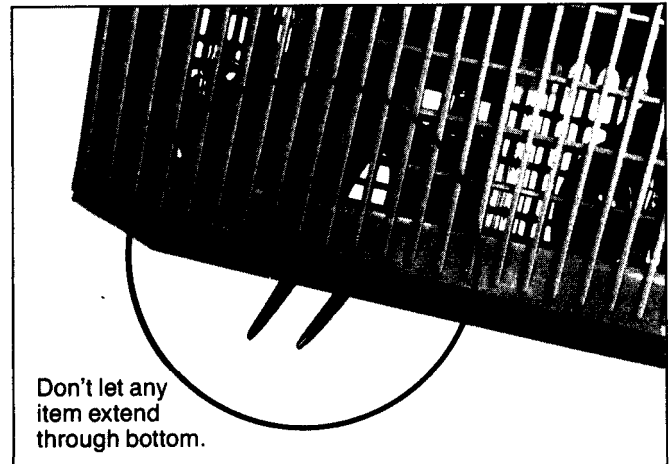
Fit plates and saucers between the pins. Place items so that water and detergent from wash arm can reach soiled surfaces.



Heavily soiled pots, pans and casseroles **MUST** be loaded in the bottom rack, facing down. Prop broiler pans and racks along the edge.



Put flatware in the removable basket with handles up to protect your hands. Mix knives, forks and spoons so they don't nest together. Distribute evenly. Small Plastic items, such as measuring spoons and lids from small containers are not recommended for automatic dishwashing. If placed in the dishwasher, they should go in the bottom of silverware basket with silverware on top.



### **Precaution!**

Take out anything that may fall or extend through the bottom of the basket.

# What you can usually wash safely in your dishwasher. And what you can't.

Material	Usually Safe	Exceptions (not safe)	Special Instructions
Aluminum	YES	Some colored <b>anodized</b> aluminum can fade.	Some darkening or spotting possible. Remove by scouring with soap-filled steel wool pads.
China/ Stoneware	YES	Antique, metal-trimmed, hand-painted or over-the-glaze patterns fade. Gold leaf will discolor.	If in doubt, check with the manufacturer. Or test wash one piece daily for at least a month. Compare with the rest of the set.
<b>Crystal</b>	YES	Antique, metal-trimmed or hand-painted patterns fade. <b>Gold leaf</b> will discolor.	Load securely to prevent movement. Check manufacturer's instructions for your crystal.
<b>Non-dishware</b> items—such as electronic air cleaner filters, furnace filters, paint brushes, etc.	NO		Do not wash in dishwasher. Damage to dishwasher and discoloration or staining of dishwasher may result.
Glass	YES	Milk glass may yellow.	
Iron	NO	iron will rust.	
Pewter	NO	Pewter tarnishes.	
Plastics	YES		If it doesn't say <b>DISHWASHER SAFE</b> , test one piece before <b>dishwashing</b> an entire set. Wash in top rack only.
<b>Stainless steel</b>	YES		Rinse if not washing immediately. Salty or acid foods can stain if left on.
<b>Sterling Silver and Silver plate</b>	YES	Don't put in same silverware basket with <b>stainless steel</b> . Contact between <b>metals</b> can damage silver. Don't wash copper utensils in the same <b>load</b> . Silver may get a brown <b>film</b> . Adhesive used to attach some hollow-handle knives can loosen.	Rinse if not washing immediately. <b>Salty</b> or acid foods can stain if left on. Dry detergent can cause difficult-to-remove black spots. Place in back section of silverware basket to avoid exposure to detergent from the detergent cup.
<b>Non-stick coatings</b>	YES		After washing, wipe the non-stick coating area with vegetable oil to keep it from losing its non-stick quality.
<b>Tin</b>	<b>NO</b>	Tin can rust.	
<b>Wood</b>	<b>NO</b>	Wood can warp, crack or lose its finish with any type washing.	

## Forget a dish? Here's when you can add it.

Add dishes any time during the **RINSE HOLD** cycle. With other wash cycles, you can add dishes at any time **BEFORE** the main detergent wash portion of the cycle.

However, opening the door during any cycle lessens cleaning power. So try to load everything at the **beginning**.

Here's how to add a forgotten dish:

1. Push the door latch to the **left**.  
Washing will stop.

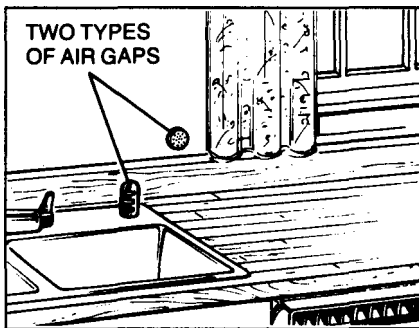
2. Wait a few seconds until the water calms. Then open the door.
3. Add dishes you've forgotten.
4. Close the door and push the latch to the far right. When the door is locked, washing will continue.

# Care and Cleaning

## USER MAINTENANCE INSTRUCTIONS

**Built-in dishwashers often use an air gap. Keep it clean.**

An air gap is a plumbing device. It protects your dishwasher against water backing up into it if a drain clogs. The air gap is not a part of the dishwasher and you may not even have one. Not all plumbing codes require air gaps.



If you have an air gap, check it at least once a month. **THE AIR GAP IS NOT PART OF YOUR DISHWASHER. IT IS NOT COVERED IN YOUR WARRANTY.**

**The air gap is easy to clean.**

With most types, first turn off the dishwasher, then lift off the chrome cover. Then unscrew the plastic cap and check for any build-up of grit. A toothpick makes cleaning easy.

**Check the air gap any time your dishwasher isn't draining well.**

**To keep your dishwasher looking good. . .**

Clean the control panel with a lightly dampened cloth. Dry thoroughly. Do not use abrasives or sharp objects on the panel. They can damage it.

Clean the outside with a good appliance polish wax. The outside cabinet finish is durable, but it can scratch. So use no scouring pads or harsh or gritty cleaners.

Appliance Polish Wax & Cleaner (Cat. No. **WR97X0216**) is available from Hotpoint Appliance **Parts Mart**.

The inside usually takes care of itself. If it should ever need cleaning, use a mild cleansing powder. Scouring pads and harsh cleaners can mar the finish.

**How to prepare your dishwasher for winter storage**

If the dishwasher is to be left unused in an unheated location during the winter months, have a service technician take the following steps to prevent the machine from freezing:

- Remove fuses or trip circuit breakers to remove electric power from the dishwasher.
- **Turn off** water to dishwasher. Disconnect the water inlet line from the water valve and drain.
- Remove water valve from the dishwasher and blow on small plastic outlet to remove water. Replace water valve and water line.
- Remove plug in bottom of rubber boot and drain completely. Replace the plug.

## How to change color panels

Your dishwasher comes with a reversible front color panel. You may purchase other reversible front panels from your **dealer** or Hotpoint Appliance **Parts Mart**.

The available selection is:

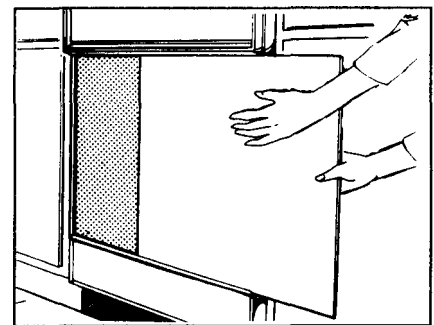
White/Almond . . . . .HDX74  
Coffee/Avocado . . . . .HDX75  
Harvest/Black . . . . .HDX76

**To change color panels:**

1. Take out two screws from door and two screws from access panel. Then remove the side trims from either side of the dishwasher.
2. Slide out the panels and replace them with the color you want in front.
3. Replace the side trims.

**A wood panel trim kit** contains trim and instructions for adding a decorative wood door panel and lower access panel to match your kitchen cabinets. You may purchase this kit, **HDX49**, from your dealer or Hotpoint Appliance **Parts Mart**.

**Note: Do not operate dishwasher while changing panels or when lower access panel is removed.**

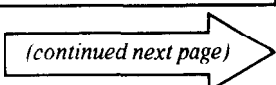




## Questions? Use This Problem Solver

PROBLEM	POSSIBLE CAUSE AND REMEDY
DISHWASHER WON'T RUN	A fuse in your home maybe blown, or the circuit breaker <b>tripped</b> . Replace <b>fuse</b> or <b>reset</b> circuit breaker. Remove any other appliances from the circuit.
UNUSUAL NOISE	Utensils may not be secure on rack pins. Or something small may have dropped from the rack. Water is causing utensils to rattle. Make sure everything is securely <b>placed</b> in dishwasher.
DISHES DON'T DRY	Make sure inlet water temperature is correct. (See page 6.) Unload the bottom rack first. Water from dishes in the top rack maybe spilling into the bottom rack. Check for improper loading. Dishes shouldn't nest together. Avoid overloading.
UNCLEAN DISHES AND FLATWARE	Check inlet water temperature. It should be at least <b>120°F</b> . (To test, <b>see</b> page 6.) To obtain the benefits of a complete cycle, be careful that you <b>do not turn the dial any further than necessary</b> to start the dishwasher. Water pressure may be temporarily low. Turn on a <b>faucet</b> . Is water coming out slower than usual? If so, wait until pressure is normal before using your dishwasher. Plugged air gap. (See page 11.) Improper rack loading. (See pages 8-9.)
BLACK OR GRAY MARKS ON DISHES	Aluminum deposits often leave marks when they rub against other things. <b>Remove</b> marks with a mild abrasive cleanser.
DETERGENT LEFT IN DISPENSER CUPS	Water may not be reaching the detergent cups. Move dishes <b>that</b> maybe blocking detergent cup. The dispenser cover may not be opening or may be <b>blocked</b> by improperly <b>loaded</b> items. If you used a powder detergent, open the cup and remove any caked-on detergent. If <b>the</b> cup still doesn't open automatically, call for service. Detergent may be old. If the powder detergent is hard or caked <b>in</b> the box, throw it away. The detergent may not be working well. Try another <b>brand</b> .

PROBLEM	POSSIBLE CAUSE AND REMEDY
<p><b>DETERGENT CUP WON'T LATCH AFTER ADDING DETERGENT</b></p>	<p>Cycle Indicator dial must be in OFF position for cup to latch properly. If you unlatch the door and open it to dry your dishes, the Cycle Indicator does not advance to OFF by itself.</p>
<p><b>SPOTS AND FILMING ON GLASSES AND FLATWARE</b></p>	<p>Spotting can be caused by all these things:</p> <ul style="list-style-type: none"> <li>. Extremely hard water. (See page 6.)</li> <li>• Low inlet water temperature. (To test, see page 6.)</li> <li>• Overloading the dishwasher.</li> <li>• Improper loading. (See pages 8 and 9.)</li> <li>• Old or damp powder detergent.</li> <li>• Phosphate <b>level</b> in detergent too <b>low</b>. (See page 6.)</li> <li>• Too little detergent. (See page 7.)</li> </ul> <p>Due to varying local <b>water</b> conditions and personal preferences, try several brands of detergents to find one that gives the best results for you. A liquid dishwasher detergent may help reduce filming.</p> <p><b>To remove severe spots and film from glassware:</b></p> <ol style="list-style-type: none"> <li>1. Remove all metal utensils from the dishwasher.</li> <li>2. Do not add detergent.</li> <li>3. Select <b>POTS &amp; PANS</b> cycle.</li> <li>4. Start the dishwasher and allow to run for 15 to 20 minutes. The dishwasher will now be in the main wash.</li> <li>5. Then open the door and pour 2 cups (500ml) of white vinegar into the bottom of the dishwasher.</li> <li>6. Close the door and allow to complete the cycle.</li> </ol> <p><b>If vinegar rinse doesn't work:</b> Repeat as above, except use 1/4 cup (60ml) of citric acid crystals instead of vinegar. (Most drug stores carry citric acid <b>crystals</b>. If yours doesn't, call <b>Hotpoint</b> Factory Service.)</p> <p>Using a vinegar or citric acid crystal rinse more than twice a month? Consider a home water softener.</p>
<p><b>CLOUDINESS ON GLASSWARE</b></p>	<p>If vinegar or citric acid crystal rinse doesn't work, the cloudiness is "<b>etching</b>." The <b>film</b> cannot be removed.</p> <p><b>It can be prevented:</b> Use less detergent if you have soft water. Wash glassware in the shortest cycle that will get them clean.</p> <p>Water temperature entering dishwasher exceeds 150°F.</p>
<p><b>YELLOW OR BROWN FILM</b></p>	<p>Tea or coffee can stain cups. Remove the stains by hand, using a solution of 1/2 cup bleach and 3 cups warm water.</p> <p>An overall yellow or brown film on dishes or glassware can be caused by iron deposits in water. A special <b>filter</b> in the water supply line is the only way to correct this problem. Your water softener company can tell you about the filter.</p> <p>Yellow film on sterling silver results when you wash copper utensils in the same load. Silver polish will usually remove this stain.</p>

(continued next page) 

## The Problem Solver (continued)

PROBLEM	POSSIBLE CAUSE AND REMEDY
CHIPPING OF CHINA	<p>Rough handling can cause chipping. Load with care. Make sure glassware and china are secure and can't jar loose. (See pages 8 &amp; 9 for correct way to load glassware,) Make sure <b>tall</b> glasses and stemware will clear the top of <b>the</b> tub when you push the rack into the dishwasher.</p> <p>Always use the top rack for delicate items.</p>
SMALL AMOUNT OF WATER STANDING IN THE <b>BOTTOM</b> OF THE TUB	<p>Water around the outlet on the tub bottom at <b>the</b> back of the tub is normal. It is clean water. It's there to keep the water <b>seal</b> lubricated.</p>
WATER WON'T PUMP OUT OF THE TUB	<p>If the entire bottom of the tub has water, you may have a drain problem. Clean the air gap, if you have one. (See page 11.)</p> <p>Check the kitchen sink. Is it draining well? You may need a plumber.</p> <p>If dishwasher drains into disposer, run disposer to clear. Be sure disposer is not clogged.</p>
SUDS IN THE TUB	<p><b>Sudsing</b> detergents are not meant for dishwashers. <b>USE ONLY AUTOMATIC DISHWASHER DETERGENTS TO AVOID SUDSING.</b></p> <p>To <b>remove suds from the tub:</b> <b>Open</b> the dishwasher. Let suds evaporate. Add 1 gallon of cold water to the tub. Close and latch the dishwasher. Pump out water by slowly turning the control <b>dial</b> until a drain period is reached.</p> <p>Repeat if necessary.</p>
DISHWASHER <b>LEAKS</b>	<p>Suds can cause unit to overflow. That's why it's so important to use a detergent that's designed for automatic dishwashers.</p>

**If you need more help.. ● ll, toll free:**  
**GE Answer Center®**  
**800.626.2000**  
 consumer information service

# We'll Be There

With the purchase of your new Hotpoint appliance, receive the assurance that if you ever need information or assistance, we'll be there. All you have to do is call—toll-free!



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Whatever your question about any Hotpoint major appliance, GE Answer Center® information service is available to help. Your call—and your question—will be answered promptly and courteously. And you can call any time. GE Answer Center® service is open 24 hours a day, 7 days a week.

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**880-GE-CARES**  
**(800-432-2737)**

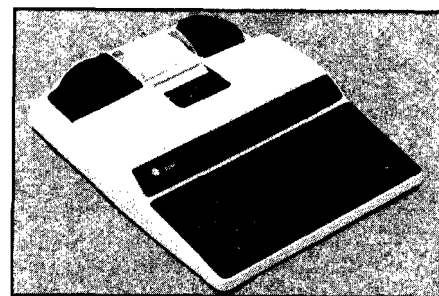
Our consumer service professionals will provide expert repair service on your Hotpoint appliance, scheduled at a time that's convenient for you. Many GE Consumer Service company-operated locations offer you service today or tomorrow, or at your convenience (7:00 a.m. to 7:00 p.m. weekdays, 9:00 a.m. to 2:00 p.m. Saturdays). Our factory-trained technicians know your appliance inside and out—so most repairs can be handled in just one visit.



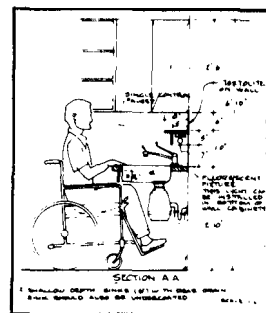
## **Service Contracts**

**800-626-2224**

You can have the secure feeling that GE Consumer Service will still be there after your Hotpoint product warranty expires. Purchase a GE contract while your warranty is still in effect and you'll receive a substantial discount. With a multiple-year contract, you're assured of future service at today's prices.



**Telecommunication Device for the Deaf**



## **Parts and Accessories**

**800-626-2002**

Individuals qualified to service their own appliances can have needed parts or accessories sent directly to their home, free of shipping charge! Our parts system provides access to over 47,000 Genuine Renewal Parts . . . and all are fully warranted. VISA, MasterCard and Discover cards are accepted.

**User maintenance instructions contained in this booklet cover procedures intended to be performed by any user. Other servicing generally should be referred to qualified service personnel. Caution must be exercised, since improper servicing may cause unsafe operation.**

## **For Customers With Special Needs...**

**800.626.2000**

Upon request, we will provide Braille controls for a variety of Hotpoint appliances, and a brochure to assist in planning a barrier-free kitchen for persons with limited mobility. To obtain these items, free of charge, call 800.626.2000.

Consumers with impaired hearing or speech who have access to a TDD or a conventional teletypewriter may call 800-TDD-GEAC (800-833-4322) to request information or service.

# YOUR HOTPOINT DISHWASHER WARRANTY

Save proof of original purchase date such as your sales slip or **cancelled** check to establish warranty period.

## WHAT IS COVERED

### FULL ONE-YEAR WARRANTY

For one year from date of original purchase, we will provide, free of charge, parts and service labor in your home to repair or replace **any part of the dishwasher that fails because of a manufacturing defect.**

This warranty is extended to the original purchaser and any succeeding owner for products purchased for ordinary home use in the 48 mainland states, Hawaii and Washington, D.C. In Alaska the warranty is the same except that it is LIMITED because you must pay to ship the product to the service shop or for the service technician's travel costs to your home.

All warranty service will be provided by our Factory Service Centers or by our authorized Customer Care® servicers during normal working hours.

Look in the White or Yellow Pages of your telephone directory for HOTPOINT FACTORY SERVICE, GENERAL ELECTRIC-HOTPOINT FACTORY SERVICE or HOTPOINT CUSTOMER CARE@ SERVICE.

## WHAT IS NOT COVERED

• Service trips to your home to teach you how to use the product.

Read your Use and Care material. If you then have any questions about operating the product, please contact your dealer or our Consumer Affairs office at the address below, or call, toll free:

GE Answer Center®  
800.626.2000  
consumer information service

• Improper installation.

If you have an installation problem, contact your dealer or installer. You are responsible for providing adequate electrical, plumbing and other connecting facilities.

• Replacement of house fuses or resetting of circuit breakers,

• Cleaning or servicing of air gap device in drain line.

• Failure of the product if it is used for other than its intended purpose or used commercially.

• Damage to product caused by accident, fire, floods or acts of God.

**WARRANTOR IS NOT RESPONSIBLE FOR CONSEQUENTIAL DAMAGES.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above 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. To know what your legal rights are in your state, consult your local or state consumer affairs office or your state's Attorney General.

**Warrantor: General Electric Company**

**If further help is needed concerning this warranty, write:  
Manager—Consumer Affairs, GE Appliances, Louisville, KY 40225**

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