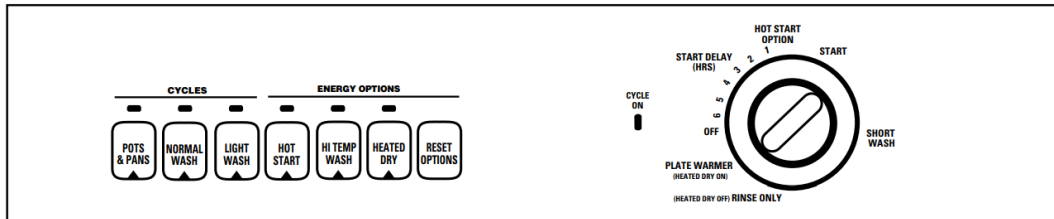


## Operating Instructions

### About the dishwasher control panel.

You can locate your model number on the tub wall just inside the door. Throughout this manual, features and appearance may vary from your model.



### Control Settings

#### 1. Cycles

<b>POTS &amp; PANS/ HEAVY WASH</b>	For heavily soiled dishes or cookware with dried-on or baked-on soils. Everyday dishes may be included.  This cycle will not remove burned-on foods.
<b>NORMAL WASH</b>	For loads of everyday dishes, glasses and cookware with medium soils. NOTE: Many dishes have lighter soil than normal. Choosing a cycle other than NORMAL WASH will save energy and water.
<b>SHORT WASH</b>	For quickly washing loads of everyday dishes with medium soils that have not dried on, such as loads consisting mostly of glasses.
<b>LIGHT WASH</b>	For dishes with light soils.
<b>RINSE ONLY</b>	For rinsing partial loads that will be washed later. Do not use detergent.
<b>PLATE WARMER</b>	For warming clean dishes and serving plates. This cycle will take approximately 30 minutes.
<b>HOT START</b>	Preheats wash water to the correct temperature.

#### 2. Energy Options

<b>HI TEMP WASH (ON)</b>	Provides extra heat for best performance. It is used best with heavily soiled dishes.
<b>HI TEMP WASH OFF</b>	Turns HI TEMP WASH off. (on some models)
<b>HEATED DRY (ON)</b>	Turns the heating element on for fast drying. This option will extend the time of your wash cycle. Available on all wash cycles except RINSE ONLY. Adds approximately 32 minutes to the cycle.
<b>HEATED DRY OFF</b>	Turns HEATED DRY off. Dishes air dry naturally and energy is saved. (on some models)
<b>ENERGY SAVER</b>	All energy options are turned off.

### 3. Start

Slowly turn the Dial to the START or ON position, or the selected cycle. Don't turn it past the START, ON or cycle position, or you could accidentally miss a rinse.

There is a time delay between start-up and water fill so you will not hear any wash action right away.

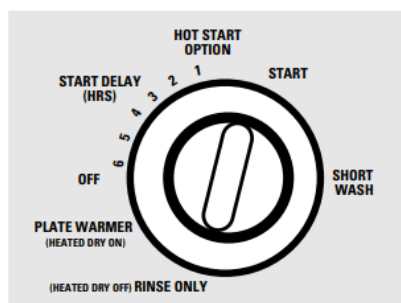
- Latch the door to begin the cycle.

Cycle Chart

Model	Cycle	Water Usage (gal.)	Cycle Time (min.)
GSD3200 Series	Hot Start Option <sup>1</sup>	3.4	26
	Pots & Pans	10.9	61
	Normal Wash*	9.3	61
	Short Wash*	6.2	48
	Rinse Only*	4.5	13
	Drying/Plate Warmer	0.0	30
EDW1500 Series GSD3400 Series GSD3500 Series GSD3600 Series GSD3700 Series GSD3900 Series	Hot Start Option <sup>1</sup>	1.7	33
	Pots & Pans	10.9	71
	Normal Wash*	9.3	71
	Light Wash	7.8	71
	China/Crystal	9.3	71
	Short Wash*/Water Saver*	6.2	58
	Rinse Only*/Rinse & Hold*	3.0	13
Drying/Plate Warmer	0.0	30	
GSD3800 Series	Hot Start Option <sup>1</sup>	1.7	31
	Pots & Pans	9.0	66
	Heavy Wash	7.7	62
	Normal Wash*	6.8	62
	Light Wash	5.0	58
	Rinse Only*	2.5	14
	Drying/Plate Warmer	0.0	29
* Normal Wash should be selected to run this cycle.			
<sup>1</sup> Hot Start Option adds water amount and cycle time shown when selected.			
<b>Note:</b> Not all models have every cycle listed.			

## About the dial cycles.

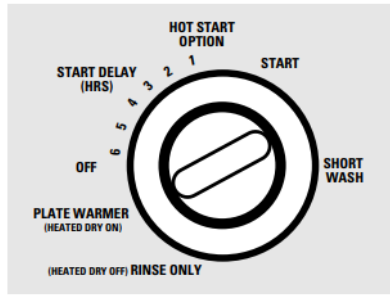
### Rinse Only



For rinsing partial loads that will be washed later. Do not use detergent.

1. Make sure HEATED DRY is not selected.
2. Be sure the door is unlatched.
3. Slowly turn the Dial to RINSE ONLY.
4. Latch the door to start the cycle.

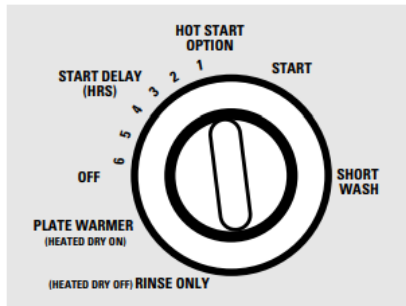
### Plate Warmer



For warming clean dishes and serving plates. This cycle will take approximately 32 minutes.

1. Load clean dishware to be warmed.
2. Select HEATED DRY ON.
3. Be sure the door is unlatched.
4. Slowly turn the Dial to PLATE WARMER.
5. Latch the door to start the cycle.

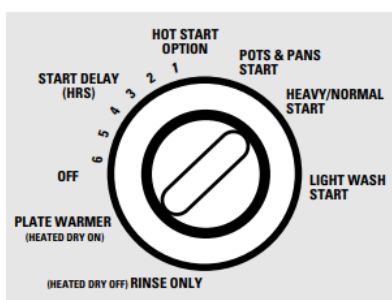
### Hot Start



Preheats wash water to the correct temperature.

1. Select the HOT START cycle and any other option.
2. Be sure the door is unlatched.
3. Slowly turn the Dial to HOT START.
4. Latch the door to start the cycle.

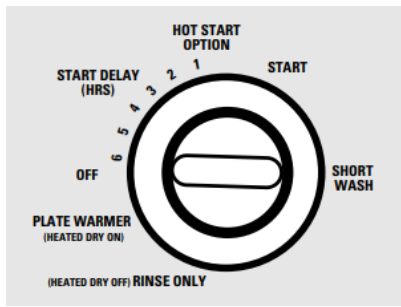
### Heavy Wash



For heavily soiled dishes or cookware.

1. Select the HEAVY WASH cycle and any other option.
2. Be sure the door is unlatched.
3. Slowly turn the Dial to HEAVY/NORMAL START.
4. Latch the door to start the cycle.

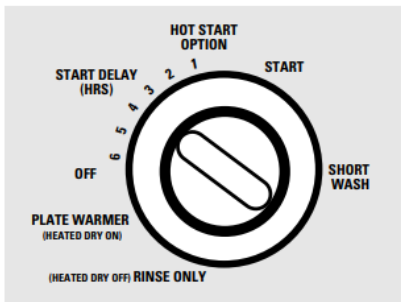
### Short Wash/Light Wash



For quickly washing loads of everyday dishes with light to medium soils that have not dried on.

1. Select the NORMAL WASH cycle and any options.
2. Be sure the door is unlatched.
3. Slowly turn the Dial to SHORT WASH or LIGHT WASH.
4. Latch the door to start the cycle.

### Start Delay



The START DELAY will allow you to delay the start time of any cycle not on the Dial automatically for up to either 5 or 6 hours (depending on model).

1. Be sure the door is unlatched.
2. Select the wash cycle and option you want.
3. Slowly turn the Dial to the desired time. The CYCLE ON light will come on.
4. Latch the door to start the cycle.

### Using the dishwasher.



#### Check the Water Temperature

The entering water should be at least 120°F and not more than 150°F for effective cleaning and to prevent dish damage. Check the water temperature with a candy or meat thermometer. Turn on the hot water faucet nearest the dishwasher, place the thermometer in a glass and let the water run continuously into the glass until the temperature stops rising.



### Use Jet-Dry® or Cascade Rinse Aid® Rinse Agent

Jet-Dry® or Cascade Rinse Aid® rinse agent removes spots and prevents new film buildup on your dishes, glasses, flatware, cookware and plastic.

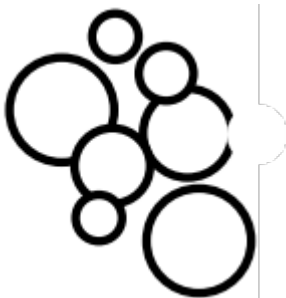
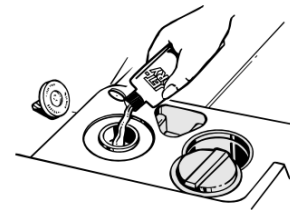
#### ***Filling the Dispenser***

Fill the rinse agent dispenser until it reaches the bottom of lip inside the opening. Replace cap.

To check if rinse agent is needed, remove the cap and look into the dispenser.

*A full dispenser should last about one month.*

*If rinse agent spills, wipe up the excess.*



### Proper Use of Detergent

Use only detergent specifically made for use in dishwashers. Cascade®, Cascade Complete® and Electrasol® Automatic Dishwashing Detergents have been approved for use in all GE dishwashers. Keep your detergent fresh and dry. Don't put powder detergent into the dispenser until you're ready to wash dishes.

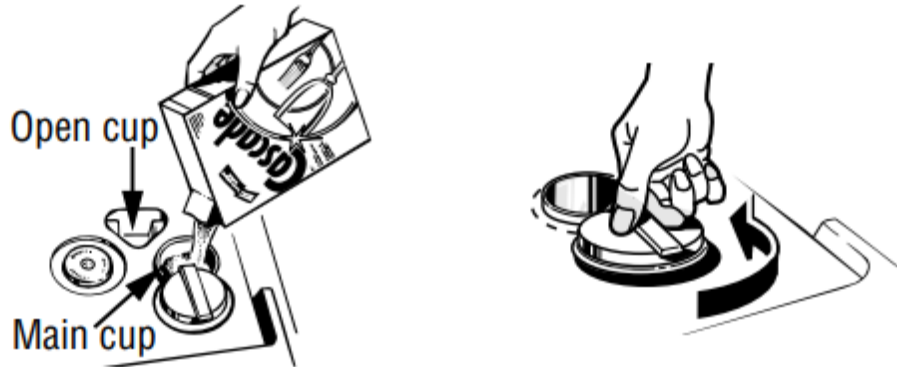
The amount of detergent to use depends on whether your water is hard or soft. With hard water, you need extra detergent. With soft water, you need less detergent.

Protect your dishes and dishwasher by contacting your water department and asking how hard your water is. Twelve or more grains is extremely hard water. A water softener is recommended. Without it, lime can build up in the water valve, which could stick while open and cause flooding. Too much detergent with soft water can cause a permanent cloudiness of glassware, called etching.

You'll find two detergent dispensers on the inside door of your dishwasher. All wash cycles require detergent in the main cup. Wash cycles with two washes will also use the open cup.

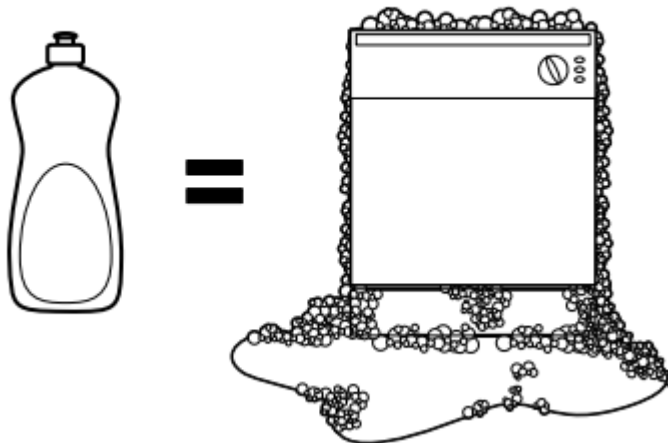
When using automatic dishwashing detergent tabs, simply place one tab in the main cup and close.

Be sure the Dial is OFF before adding detergent. Otherwise, the detergent cup will not close and latch properly. Add detergent then close the main cup.



*NOTE: To open detergent cup after it has been closed, simply turn the detergent cup handle counterclockwise until it releases. A snapping sound may be heard.*

## ***DO NOT USE HAND DISH DETERGENT***



*NOTE: Using a detergent that is not specifically designed for dishwashers will cause the dishwasher to fill with suds. During operation, these suds will spill out of the dishwasher vents, covering the kitchen floor and making the floor wet.*

Because so many detergent containers look alike, store the dishwasher detergent in a separate space from all other cleaners. Show anyone who may use the dishwasher the correct detergent and where it is stored.

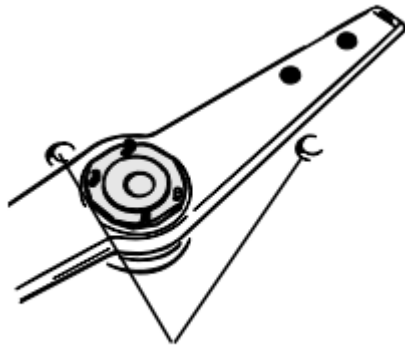
While there will be no lasting damage to the dishwasher, your dishes will not get clean using a dishwashing detergent that is not formulated to work with dishwashers

## Caring for the dishwasher

To clean the control panel, use a lightly dampened cloth then dry thoroughly. To clean the exterior, use a good appliance polish.

Never use sharp objects, scouring pads or harsh cleaners on any part of the dishwasher

### Protect Against Freezing

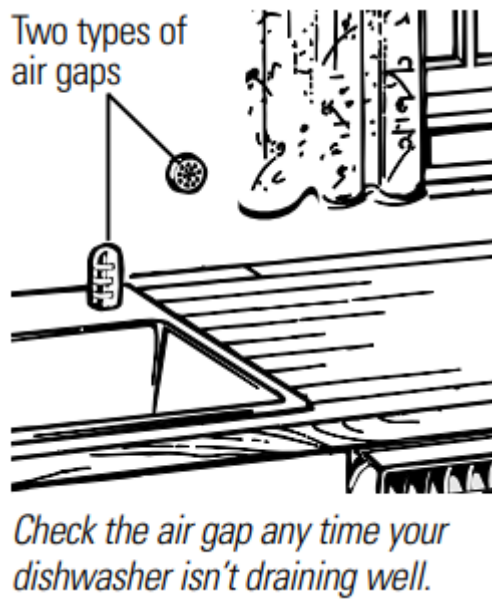


Sump cover screws

If your dishwasher is left in an unheated place during the winter, ask a service technician to:

1. Cut off electrical power to the dishwasher. Remove fuses or trip circuit breaker.
2. Turn off the water supply and disconnect the water inlet line from the water valve.
3. Drain water from the inlet line and water valve. (Use a pan to catch the water.)
4. Reconnect the water inlet line to the water valve.
5. Remove the plastic sump cover in the tub bottom and use a sponge to soak up water in the rubber boot.

## Does Your Dishwasher Have an Air Gap?



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

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

1. Turn off the dishwasher and lift off the chrome cover.
2. Unscrew the plastic cap and clean with a toothpick.


### **The Stainless Steel Panels**

The stainless steel panels can be cleaned with CERAMA BRYTE® Stainless Steel Appliance Cleaner or a similar product using a clean, soft cloth.

You can order CERAMA BRYTE® Stainless Steel Appliance Cleaner through GE Parts by calling 800.626.2002.

# Troubleshooting Tips



<b>Problem</b>	<b>Possible Causes</b>	<b>What To Do</b>
Dishwasher won't run	Fuse is blown, or the circuit breaker tripped	<ul style="list-style-type: none"> <li>• Replace fuse or reset circuit breaker. Remove any other appliances from the circuit.</li> </ul>
Noise	Some of the sounds you'll hear are normal	<ul style="list-style-type: none"> <li>• Soft food disposal shredding action</li> <li>• Drain valve opening to pump water out.</li> <li>• Timer control as cycle progresses.</li> <li>• Detergent cup opening.</li> <li>• The motor stopping during the drying period.</li> </ul>
	Utensils are not secure in the rack or something small has dropped into the rack	<ul style="list-style-type: none"> <li>• Make sure everything is secured in dishwasher.</li> </ul>
	Motor hums	<ul style="list-style-type: none"> <li>• Dishwasher has not been used on a regular basis. If you do not use your dishwasher often, set it to fill and pump out once every week. This will help keep the seal moist and the garbage disposer clear.</li> </ul>
Water standing in the bottom of the tub	This is normal	<ul style="list-style-type: none"> <li>• A small amount of clean water around the outlet on the tub bottom at the back of the tub keeps the water seal lubricated.</li> </ul>
Water won't pump out of the tub	Drain is clogged	<ul style="list-style-type: none"> <li>• If you have an air gap, clean it</li> <li>• Check to see if your kitchen sink is draining well. If not, you may need a plumber.</li> <li>• If the dishwasher drains into a disposer, run disposer clear</li> </ul>
Suds in the tub	<p>Correct detergent wasn't used</p> 	<ul style="list-style-type: none"> <li>• Use only automatic dishwasher detergents to avoid sudsing. Cascade®, Cascade Complete® and Electrasol® Automatic Dishwashing Detergents have been approved for use in all GE dishwashers.</li> <li>• To remove suds from the tub, open the dishwasher and let suds evaporate. Add 1 gallon of cold water to the tub. Close and latch the dishwasher. Pump out</li> </ul>

		water by slowly turning the Dial until a drain period is reached. Repeat if necessary.
	Rinse agent was spilled	<ul style="list-style-type: none"> <li>• Always wipe up rinse agent spills immediately.</li> </ul>
Stained tub interior	Detergent with colorant was used	<ul style="list-style-type: none"> <li>• Some detergents contain colorant (pigment or dyes) that will discolor the tub interior with extended use. Check the detergent cup for signs of any discoloration. If cup is discolored, change to detergent without any colorant. Cascade®, Cascade Complete® and Electrasol® Automatic Dishwashing Detergents have been approved for use in all GE dishwashers</li> </ul>
	Some tomato-based foods can stain	<ul style="list-style-type: none"> <li>• Use of the RINSE ONLY cycle (on some models) after adding the dish to the load can decrease the level of staining. GE recommends Cascade® Plastic Booster™ to help remove these types of stains.</li> </ul>
Dishes don't dry	Low inlet water temperature	<ul style="list-style-type: none"> <li>• Make sure inlet water temperature is correct.</li> </ul>
	Rinse agent dispenser is empty	<ul style="list-style-type: none"> <li>• Check the rinse agent dispenser</li> </ul>
Dishes and flatware not clean	Inlet water temperature is below 120°F	<ul style="list-style-type: none"> <li>• Raise the water heater temperature to 120°F.</li> <li>• Use the HOT START feature.</li> </ul>
	Water pressure is temporarily low	<ul style="list-style-type: none"> <li>• Turn on a faucet. Is water coming out more slowly than usual? If so, wait until pressure is normal before using your dishwasher.</li> </ul>
	Air gap is clogged	<ul style="list-style-type: none"> <li>• Clean the air gap.</li> </ul>
	Improper rack loading	<ul style="list-style-type: none"> <li>• Make sure large dishware does not block the detergent dispenser or the wash arm.</li> </ul>
Spots and filming on glasses and flatware	<p>Extremely hard water</p> <p>Low inlet water temperature</p> <p>Overloading the dishwasher</p> <p>Improper loading</p>	<ul style="list-style-type: none"> <li>• Use Jet-Dry® or Cascade Rinse Aid® rinse agent to remove spots and prevent new film buildup.</li> <li>• To remove stubborn spots and pre-existing film from glassware: <ol style="list-style-type: none"> <li>1. Remove all metal utensils from the dishwasher.</li> </ol> </li> </ul>



	<p>Old or damp powder detergent</p> <p>Rinse agent dispenser empty</p> <p>Too little detergent</p>	<ol style="list-style-type: none"> <li>2. Do not add detergent.</li> <li>3. Select the longest cycle.</li> <li>4. Start the dishwasher and allow to run for 18 to 22 minutes. Dishwasher will now be in the main wash.</li> <li>5. Open the door and pour 2 cups (500 ml) of white vinegar into the bottom of the dishwasher.</li> <li>6. Close the door and allow to complete the cycle. If vinegar rinse doesn't work: Repeat as above, except use 1/4 cup (60 ml) of citric acid crystals instead of vinegar.</li> </ol>
Cloudiness on glassware	Combination of soft water and too much detergent	<ul style="list-style-type: none"> <li>• This is called etching and is permanent. To prevent this from happening, use less detergent if you have soft water. Wash glassware in the shortest cycle that will get them clean.</li> </ul>
	Water temperature entering the dishwasher exceeds 150°F	<ul style="list-style-type: none"> <li>• Lower the water heater temperature.</li> </ul>
Yellow or brown film on tub	Tea or coffee stains	<ul style="list-style-type: none"> <li>• Remove the stain by hand, using a solution of 1/2 cup bleach and 3 cups warm water.</li> </ul> <p>WARNING: Before cleaning interior, wait at least 20 minutes after a cycle for the heating element to cool down. Failure to do so can result in burns.</p>
	An overall yellow or brown film can be caused by iron deposits in water	<ul style="list-style-type: none"> <li>• A special filter in the water supply line is the only way to correct this problem. Contact a water softener company</li> </ul>
White film on inside surfaces	Hard water minerals	<ul style="list-style-type: none"> <li>• GE recommends Jet-Dry® or Cascade Rinse Aid® to help remove some hard water mineral stains.</li> <li>• For extreme staining, clean the interior by applying automatic dishwashing detergent to a damp sponge. Wear rubber gloves. Do not use any type of cleanser other than those recommended or hand dishwashing detergent because it may cause foaming or sudsing. Cascade®, Cascade Complete® and Electrasol®</li> </ul>

		Dishwashing Detergents have been approved for use in all GE dishwashers.
Detergent cup lid won't latch	Dial is not in the OFF position	<ul style="list-style-type: none"> <li>• Turn the Dial to OFF and slide the door latch to the left.</li> </ul>
Detergent left in dispenser cups	Dishes are blocking the detergent cups	<ul style="list-style-type: none"> <li>• Reposition the dishes.</li> </ul>
Steam	This is normal	<ul style="list-style-type: none"> <li>• Steam comes through the vent by the door latch during drying and when water is being pumped out.</li> </ul>
Black or gray marks on dishes	Aluminum utensils have rubbed against dishes	<ul style="list-style-type: none"> <li>• Remove marks with a mild, abrasive cleaner.</li> </ul>

### 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.