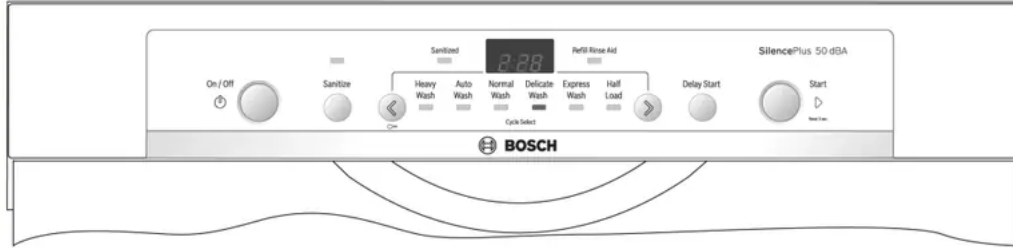
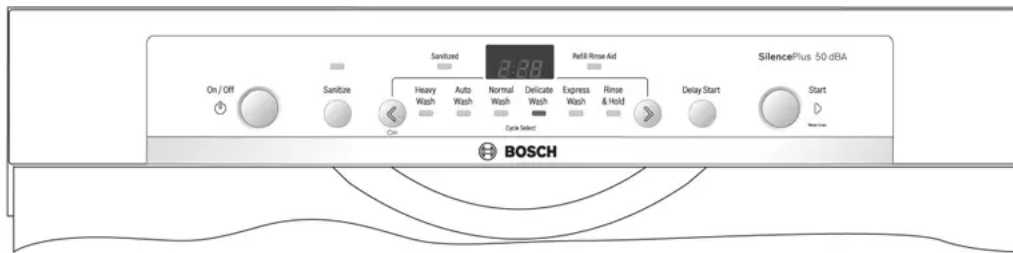


# Dishwasher Components

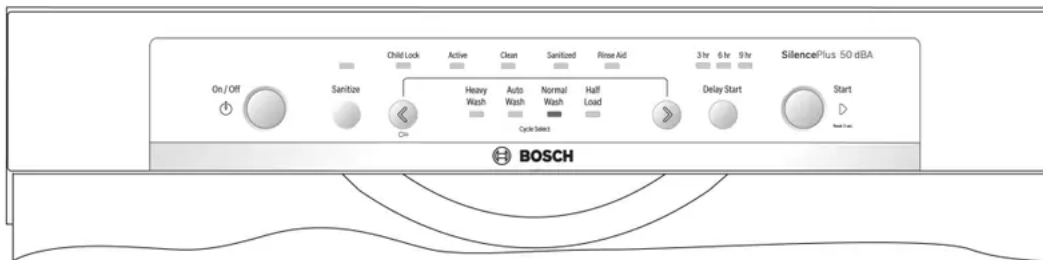
**SHE3AR7xUC\***



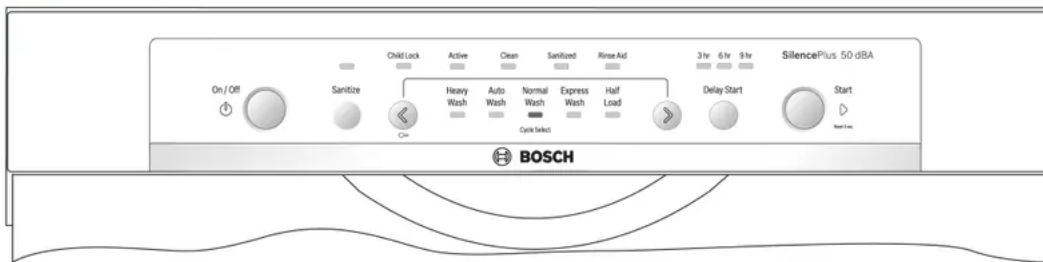
**SHE3ARFxUC\***



**SHE3AR5xUC\***

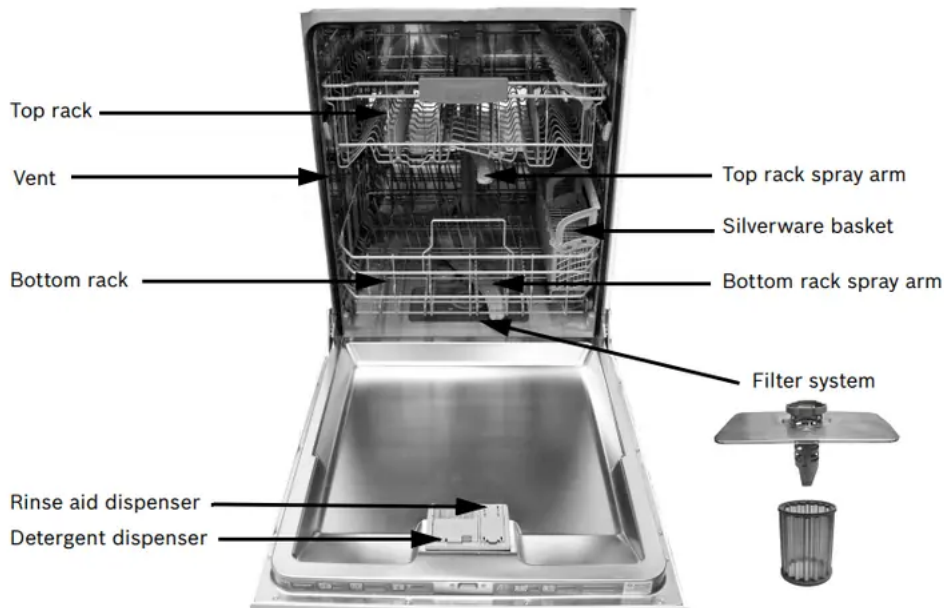


**SHE3ARLxUC\***



\* "x" can be any number





Model	Wash Cycles							Additional Features					
	Heavy Wash	Auto Wash	Normal Wash	Delicate Wash	Express Wash	Half Load	Rinse & Hold	Adjustable Top Rack	Child Lock	Delay Start	Flip Tines	Sanitize Option	Silverware Basket
SHE3AR7xUC*	X	X	X	X	X	X		X	X	X	X	X	Standard
SHE3ARFxUC*	X	X	X	X	X		X	X	X	X	X	X	Flexible
SHE3AR5xUC*	X	X	X			X			X	X		X	Standard
SHE3ARLxUC*	X	X	X		X	X			X	X		X	Standard

## Dishwasher Features

**Auto-Close:** The auto-close feature will hold the door wherever you place it and then automatically latch when open 20 degrees or less.

**Delay Start:** Delay the start time of your dishwasher using the delay start option.

**EcoSense™ Wash Management System:** Checks water condition and decides if a second fresh water fill is necessary.

**Extra Dry Heat:** Raises the temperature of the rinse and increases the drying time resulting in improved drying.

**Flow-Through Heater™:** heats water to a sanitizing temperature.

**Noise Reduction System:** uses Suspension Motor™, a two-pump motor system, and insulation to make this dishwasher one of the quietest in North America.

**Nylon Coated Racks:** eliminates cuts and nicks and have a five year warranty.

**OptiDry™:** This feature senses when the unit is low on rinse agent and automatically increases the drying time.

SaniDry™: A high temperature final rinse, a low temperature stainless steel tub and the sheeting action of a rinse agent result in drying that is hygienic, energy efficient and economical.

Sanitize: An option to meet sanitized conditions. This option can only be used with certain wash cycles. See page 12.

Triple Filtration System: uses multiple filters to ensure distribution of clean water and protect the main pump and the drain pump from foreign material.

**Model dependent features:**

Adjustable Rack: The top rack can be raised or lowered manually to accommodate tall items in the top and bottom racks.

Flip Tines: increase the rack flexibility to accommodate larger/taller items.

**Dishware Materials**

Note: Before using your dishwasher for the first time, check the information in this section. Some items are not dishwasher safe and should be hand washed; others require special loading.

**Recommended**

Aluminum: Colored anodized aluminum may fade over time. Minerals in your water may cause the aluminum to darken or spot. This can usually be removed with a soap-filled steel wool pad.

China, Crystal, Stoneware: Some hand-painted utensils may discolor, fade or spot. Hand wash these utensils. Position fragile glassware so that it will not topple over or come in contact with other utensils during the wash cycle.

Glass: Milk glasses may discolor or become yellow.

Non-stick Coatings: Apply a light coating of vegetable oil to non-stick surfaces after drying.

Plastics: Make sure the plasticware is dishwasher safe.

Stainless Steel, Sterling Silver and Silver Plates: Load these so they do not come in contact with other metals.

**Not Recommended**

Acrylic: Crazeing, small cracks throughout the acrylic, may occur.

Adhesive-Joined Pieces: Adhesives that join materials such as plastic, wood, bone, steel copper, tin, etc. may loosen.

Bone-Handled Utensils: Handles may separate.

Iron: Iron will rust. Hand wash and dry immediately.

Non-Dishware Items: Your dishwasher is intended for use in cleaning ONLY standard household dishware and kitchenware.

Pewter, Brass, Bronze: These items will tarnish. Hand wash and dry immediately.



Tin: Tin will stain. Hand wash and dry immediately.

Wood: Wooden bowls, wooden utensils and utensils with wooden handles can crack, warp and lose their finish.

## **Loading the Dishwasher**

Do not pre-wash items with loosely attached soiling. Remove all food particles, bones, toothpicks and excessive grease. Items having burned-on, baked-on or starchy soils may require some pretreatment.

Refer to the Dishware Materials section for more information about dishware suitability.

Load only dishwasher safe items into the dishwasher. Load dishes in the dishwasher racks so the insides of bowls, pots and pans are facing the spray arms. Avoid nesting and contact points between dishes. Separate items of dissimilar metals.

### **Loading the Top Rack**

Ensure items do not protrude through the bottom of the racks and block the spray arms.

Note: When pushing the top rack into the dishwasher, push it until it stops against the back of the tub so the top rack spray arm connects to the water supply at the back of the tub. Do not push racks in using the door.

### **Loading the Bottom Rack**

Place large items in the bottom rack. Load pots, pans and bowls upside down. Do not block vent with tall baking sheets. Load these items on the left side of the dishwasher.

### **Unloading the Dishwasher**

When unloading the dishwasher it is best to unload the bottom rack first. Next, unload the silverware basket followed by the top rack.

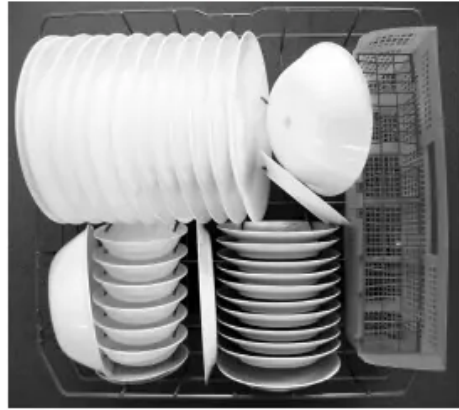
NOTICE To avoid dishwasher damage, do not load the dishwasher with paper products, plastic bags, packing materials or anything other than normal, dishwasher safe dishware and kitchenware.

**Suggested Loading Pattern - Standard Silverware Basket**

Top Rack



Bottom Rack

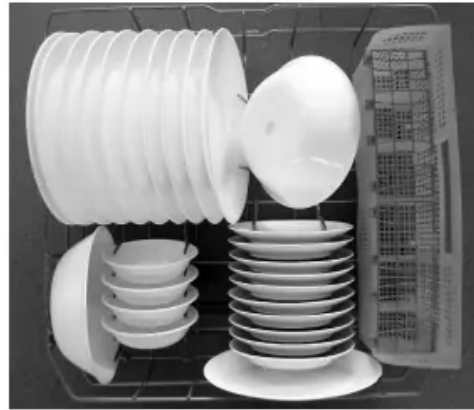


**Additional Loading Pattern - Standard Silverware Basket (10 place settings)**

Top Rack



Bottom Rack



**Suggested Loading Pattern - Flexible Silverware Basket**

Top Rack



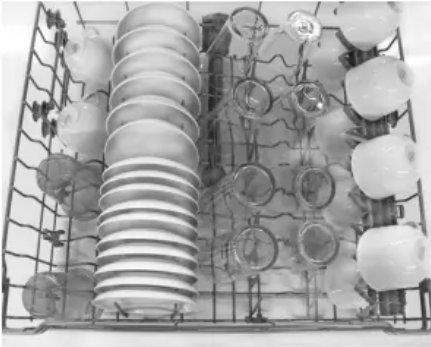
Bottom Rack



---

**Additional Loading Pattern - Flexible Silverware Basket (10 place settings)**

Top Rack



Bottom Rack



**Loading the Silverware Basket**

Place knives and sharp utensils with their HANDLES UP and forks and spoons with their handles down. If large or oddly-shaped items are loaded in the silverware basket, be sure they do not nest together.

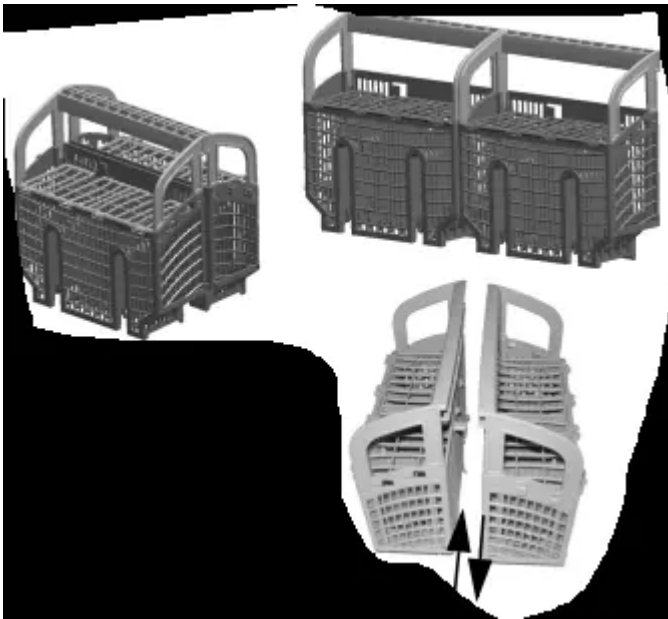
**The Flexible Silverware Basket (select models)**

This basket splits along its length, resulting in two halves that may be placed in a variety of positions in the lower rack, greatly increasing the lower rack's loading versatility. The basket snaps together either back to back or end to end as shown below.

**To split the Flexible Silverware Basket**

Grasp the basket and slide the two halves in opposite directions as shown at right and then pull the two halves apart.



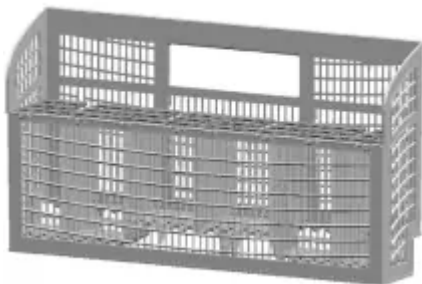


### Flexible Basket Placement Options



### The Standard Silverware Basket (select models)

The standard silverware basket fits along the side of the lower rack.

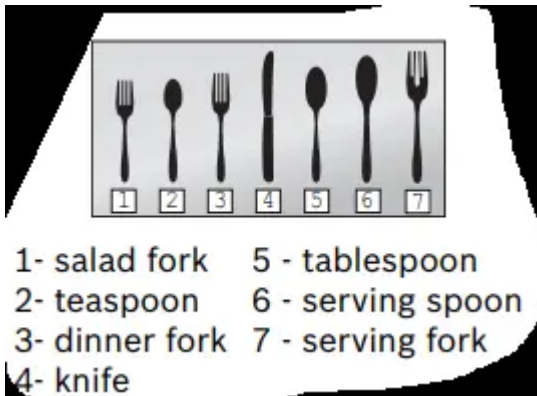
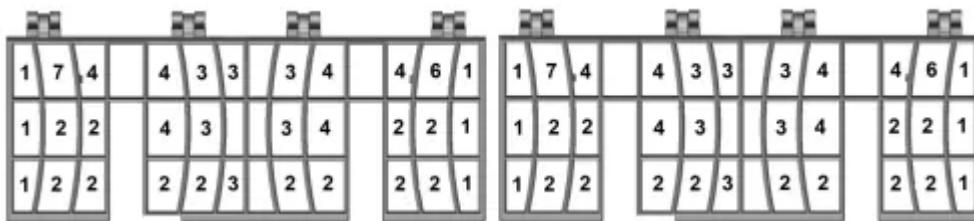


### Standard Basket Placement Option





## Loading pattern for Flexible & Standard Silverware Baskets



The basket lid may also be snapped to the handle in order to leave the basket open.

## Rack Accessories

### Flip Tines (model dependent)

The racks consist of tines that can be folded down depending on what you may need to load in the rack. To fold down, grasp the folding tine and release from notch. Push folding tine downward to desired position as shown in Figure 1.

**Figure 1**



**Adjustable Upper Rack (model dependent)**

Remove the empty upper rack by pulling it out of the dishwasher until it can be lifted upward as show in Figure 2. Pull the rack up and out until the rollers are completely free of the roller guides.

**Figure 2**



Reinsert the rack with the other set of rollers on the roller guides as shown in Figure 3.

**Figure 3**



## **Adding Detergent and Rinse Agent**

### **Detergent**

Use only detergent specifically designed for dishwashers. For best results, use fresh powdered dishwashing detergent.

The dishwasher uses less water, therefore, less detergent is required. With soft water, 1 tablespoon (15ml) of detergent will clean most loads. The detergent dispenser cup has lines that measure detergent to 1 tablespoon (15ml) and 1.75 tablespoons (25ml). 3 tablespoons (45ml) of detergent will completely fill the detergent dispenser.

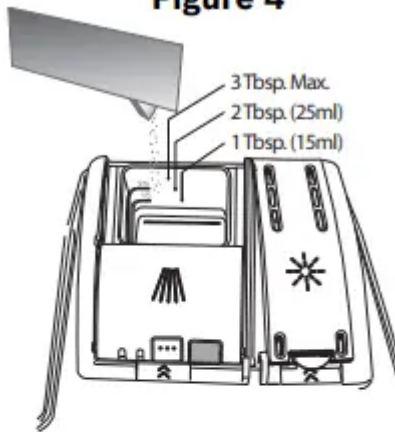
Note: If you do not know the hardness of your water supply, use 15ml of detergent. Increase the amount if necessary to the least amount required to get your kitchenware clean.

Use the measuring lines in the detergent dispenser cup as a guide to measure the amount of detergent recommended in Table 1.

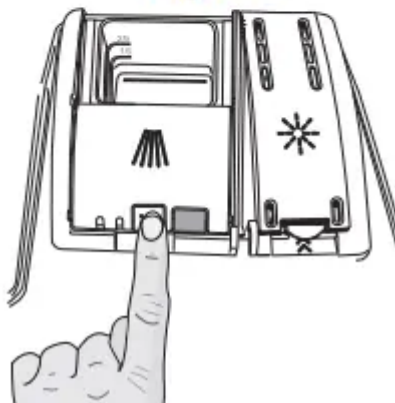
### **Adding Detergent**

- 1 tablespoon (15ml) will clean most loads (see Figure 4).
- Do not use more than 3 tablespoons (45ml).
- Do not over fill the detergent dispenser.
- When using detergent tabs, lay them flat to avoid contact with the cover.

**Figure 4**



**Figure 5**



**To Close**

- Place finger as shown in Figure 5.
- Slide door closed and press down firmly until it clicks.

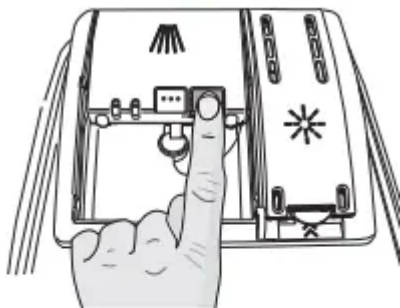
**To Open**

- To open the cover, push the button as shown in Figure 6.
- Cover will slide open.

**Table 1 - Recommended Detergent Amount**

Wash Cycle	Hard Water/ Heavy Soil	Medium Water/ Medium Soil	Soft Water/ Little Soil
Heavy	45ml (3tbsp)	45ml (3tbsp)	25-45ml (1.75-3tbsp)
Auto	25-45ml (1.75-3tbsp)	25ml (1.75tbsp)	15-25ml (1-1.75tbsp)
Normal	25-45ml (1.75-3tbsp)	25ml (1.75tbsp)	15-25ml (1-1.75tbsp)
Delicate	25ml (1.75tbsp)	15-25ml (1-1.75tbsp)	15ml (1tbsp)
Express	25ml (1.75tbsp)	15-25ml (1-1.75tbsp)	15ml (1tbsp)
Half Load	25ml (1.75tbsp)	15-25ml (1-1.75tbsp)	15ml (1tbsp)
Rinse & Hold	None	None	None

**Figure 6**



**Figure 7**



## Rinse Aid

To achieve proper drying, always use a liquid rinse aid, even if your detergent contains a rinse aid or drying additive. Note: The dishwasher indicates low rinse aid by turning on the Rinse Aid indicator light. If this light is on, you need to refill the rinse aid dispenser by following the directions below.

### Adding Rinse Aid

Add liquid rinse aid to the dispenser until the reservoir is full (see Figure 7). Wipe up any excess rinse aid that may puddle when the dispenser reservoir is full. The indicator light will go out a few

moments after the dishwasher door is shut. See pages 13 or 14 for instruction on how to adjust the amount of rinse aid dispensed.

## Dishwasher Cycles and Options

### Wash Cycles (model dependent)

**Heavy Wash:** Best for cleaning items with baked-on food or grease. These dishes would normally require soaking.

**Auto Wash:** With our most complex soil sensing capability, this cycle is perfect for use with mixed loads of dishware with varying amounts of food soil. This is the most flexible cycle and is a good choice for everyday use.

**Normal Wash:** Thoroughly cleans a full load of normally soiled dishes.

**Note:** The Energy Guide Label was based on this soil sensing cycle with all available options turned off. As prescribed in the energy test procedure, the unit was tested without any Rinse Aid in the Rinse Aid dispenser. A single dose of detergent was used in the Detergent Dispenser, with no detergent used in the prewash. The test was conducted with the upper rack in the highest position.

**Delicate Wash:** For delicate or heirloom dishware and silverware or other special items. Always make sure that the items are dishwasher safe. Refer to the Dishware Materials section of this manual for further information. Hand washing may be the best treatment for such items.

**Express Wash:** Cleans lightly soiled dishes and reduces overall wash time. Use this cycle to clean glasses and dessert dishware that may need to be reused at the same event.

**Half Load:** Can reduce the energy and water consumption when washing small, lightly soiled loads that fill approximately half of the dishwasher's capacity.

**Rinse & Hold:** Allows you to rinse food soil off of a partial load and hold them in the dishwasher until you are ready to run a full load.

### Wash Cycle Options

**Delay Start:** Allows you to delay the start time of your dishwasher by 3, 6 or 9 hours.

**Sanitize:** The Sanitize feature is available only in the Heavy, Auto, Normal and Half Load cycles. Press the Sanitize" button to activate the Sanitation features during these cycles. The sanitize LED will light when sanitation requirements are met. The technical sanitation measures may also improve the drying results.

**Note:** The dishwasher automatically defaults to Auto Wash when turned off and back on. If you used the sanitize option in your last cycle, the dishwasher will default to Auto Wash with the Sanitize option selected when you turn it on.

# Operating the Dishwasher

## Start the dishwasher:

1. Press the On/Off button.
2. One of the wash cycle LEDs will be flashing. You can now select a wash cycle.
3. Press the Cycle Select arrow buttons to select the desired wash cycle.
4. Press Start to begin the cycle.

## Delay start:

1. Press the On/Off button.
2. Select a cycle.
3. Press the Delay Start button. Release when the desired delay time is shown in the display window or the appropriate LED is lit (depending on model).
4. Press Start to begin the cycle.

## Cancel a cycle:

1. Press and hold Start for 3 seconds.
2. Wait about 1 minute until the "Clean" LED illuminates, indicating it is done draining.
3. Press the On/Off button. You may now start a new cycle.

## Child Lock:

1. After starting a cycle you can activate the Child Lock.
2. Press and hold the < button until the "Child Lock" LED illuminates or "CL" appears on the display. "CL" disappears from screen when button is released.
3. Child Lock is now active and buttons will not function, except On/Off.
4. To deactivate, press and hold the < button until the "Child Lock" LED turns off or "CL" disappears from the display.

## For models with display:

To enter options mode:

1. With the door closed, press the On/Off button to turn the unit on.
2. The countdown display and one of the wash cycle LEDs will be flashing.
3. Press and hold down the > button, then press and release the Start button. Now release the > button.
4. The "Sanitized" LED will be flashing. You are now in options mode.
5. Press the > button to select the option you would like to adjust.

To set amount of Rinse Aid:

Note: If your glasses have spots on them, you need more rinse aid. If your glasses have streaks on them, you need less rinse aid.

1. Follow the prior instructions to enter options mode.
2. With the display showing "r:00" - "r:06" press the < button to change the amount of rinse aid dispensed. r:00 = rinse aid is OFF, r:03 = medium amount of rinse aid dispensed, r:06 = highest amount of rinse aid dispensed
3. Press Start to save your setting.

To turn Extra Dry Heat ON or OFF:

1. Follow the prior instructions to enter options mode.
2. With the display showing "d:00" or "d:01" press the < button to turn Extra Dry Heat ON or OFF. d:00 = Extra Dry Heat is OFF, d:01 = Extra Dry Heat is ON
3. Press Start to save your setting

### **For models without display:**

To enter options mode:

1. With the door closed, press the On/Off button to turn the unit on.
2. One of the wash cycle LEDs will be flashing.
3. Press and hold down the > button, then press and release the Start button. Now release the > button.
4. The "Clean" and one other LED will be flashing. You are now in options mode.
5. Press the > button to select the option you would like to adjust.

To set amount of Rinse Aid:

Note: If your glasses have spots on them, you need more rinse aid. If your glasses have streaks on them, you need less rinse aid.

1. Follow the prior instructions to enter options mode.
2. With the "Clean" and "Rinse Aid" LEDs flashing, press the < button to change the amount of rinse aid dispensed.

0 LEDs flashing = rinse aid is OFF

1 LED flashing = lowest amount of rinse aid dispensed

2 LEDs flashing = medium amount of rinse aid dispensed

3 LEDs flashing = highest amount of rinse aid dispensed

3. Press Start to save your setting.

To turn Extra Dry Heat ON or OFF:

1. Follow the prior instructions to enter options mode.
2. With the "Clean" and "Sanitized" LEDs flashing, press the < button to turn Extra Dry Heat ON or OFF.



0 LEDs flashing = Extra Dry Heat is OFF

1 LED flashing = Extra Dry Heat is ON

3. Press Start to save your setting.

## Care and Maintenance

### Maintenance Tasks

Certain areas of the dishwasher require occasional maintenance. The maintenance tasks are easy to do and will ensure continued superior performance from your dishwasher.

#### Wiping up spills and splash-outs

Water may occasionally splash out of your dishwasher, particularly if you interrupt a cycle or open the dishwasher door during a cycle. To avoid floor damage and possibly mold growth, do not allow wet areas to remain around or under the dishwasher.

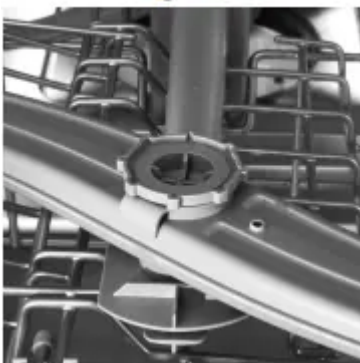
#### Clean the stainless steel inner door and tub

Clean the outer edges of the inside door panel regularly to remove debris that may collect from normal loading. If spots begin to appear on the stainless steel, make sure the rinse agent is full and functioning properly.

#### Check and clean spray arm nozzles

Remove the top spray arm by first removing the empty top rack from the dishwasher. Turn the rack upside down. The top spray arm is held in position by a locking nut as shown in Figure 8. Turn the locking nut counterclockwise and remove it to release the spray arm. Look for obstruction in the spray nozzles. If the spray nozzles need cleaning, flush them under running water.

**Figure 8**



To reinstall the top spray arm, place it back in position and return the locking nut to its install position. Turn the locking nut clockwise to secure. Return the top rack to the top rack roller guides.

Remove the bottom spray arm by first removing the empty bottom rack from the dishwasher. Grasp and lift the spray arm as shown in Figure 9. Look for obstruction in the spray nozzles. If the spray nozzles need cleaning, flush them under running water.

**Figure 9**

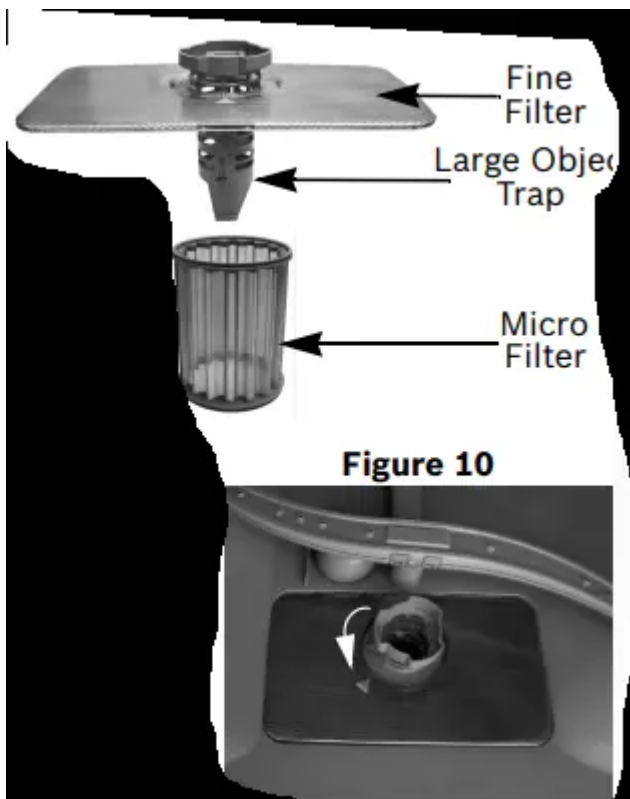


To reinstall the bottom spray arm, return the bottom spray arm to the installed position and press it until it snaps into place. Return the bottom rack to the installed position.

### **Check and clean the filter system**

The filter system consists of a Large Object Trap, Fine Filter and a Micro Filter.

The filter system is located on the inside of your dishwasher under the lower rack and is easily accessible. During normal use, the filter system is self-cleaning. You should occasionally inspect it for foreign objects and clean it when necessary



**Figure 10**

To remove the Large Object Trap, remove the bottom rack. Grasp the assembly and turn it counterclockwise as shown in Figure 10. Lift the assembly out.

Carefully examine the assembly. If you find debris in the Large Object Trap, turn it upside-down and gently tap it on a flat surface to dislodge and remove debris.

Flush the Micro Filter clean by holding it under running water.

To reinstall the filter system, return the fine filter to the installed position. Turn the locking nut clockwise until it is locked. The arrow on the ring handle and the arrow on the Fine Filter should point at each other.

### **Clean the exterior door panel**

Colored doors: use only a soft cloth dampened with soapy water.

Stainless steel doors: use a soft cloth with a non-abrasive cleaner (preferably a liquid spray) made for cleaning stainless steel. For the best results, apply the stainless steel cleaner to the cloth and then wipe the surface.

### **Clean the door gasket**

Regularly clean the door gasket with a damp cloth to remove food particles and other debris. Also clean the door seal, located inside the dishwasher at the bottom of the door.

### **Winterizing your unit**

If your dishwasher will be unused for an extended period of time in a location that experiences freezing temperatures (holiday home or through a vacation period), have your dishwasher winterized by an authorized professional service. Turn your household water supply to the dishwasher off when on extended vacation or when dishwasher will not be used for more than 1 month.

## **Self Help**

Dishwashers may occasionally exhibit problems that are unrelated to a malfunction of the dishwasher itself. The following information may help you with a dishwasher problem without involving a repair professional.

Problem	Cause	Action
Auto-Close door not closing properly	1. Auto-close feature will not work properly if dishwasher is not installed correctly.	1. Ensure the alignment of the dishwasher front and level.
Dishwasher does not start	<ol style="list-style-type: none"> <li>1. Door may not be properly latched</li> <li>2. Unit may not be turned on</li> <li>3. Unit not reset or previous cycle not completed</li> <li>4. Delay start engaged</li> <li>5. Interruption of electrical power supply to dishwasher or blown fuse.</li> <li>6. The door may have been closed without first selecting a cycle</li> <li>7. Water supply may not be turned on</li> </ol>	<ol style="list-style-type: none"> <li>1. Shut the door completely</li> <li>2. Press the main power switch to turn on</li> <li>3. To reset, refer to “cancelling or changing cycle” section in this manual</li> <li>4. To reset, refer to “delay start” section in this manual</li> <li>5. Check circuit breaker</li> <li>6. Select a cycle and close the door.</li> <li>7. Check and turn on water supply</li> </ol>
Dishwasher beeping (end of cycle signal)	1. Default factory settings alert the customer that the cycle is complete by beeping. This feature can be deactivated if so desired.	1. To adjust the volume or deactivate, refer to “beep volume and completion signal” section in this manual.
Display does not illuminate or console lights are not on	<ol style="list-style-type: none"> <li>1. A fuse may have been blown or circuit breaker tripped</li> <li>2. Door not closed or latched</li> </ol> <p>Note: For models with controls on top of the door, the display only illuminate when the door is opened and controls are visible</p>	<ol style="list-style-type: none"> <li>1. Check the fuse or circuit breaker box and replace the fuse or reset the breaker if necessary</li> <li>2. Ensure door is properly latched and closed</li> </ol>



<p>Dishwasher seems to run a long time</p>	<ol style="list-style-type: none"> <li>1. Incoming water is not warm enough</li> <li>2. Cycle time can vary due to soil and water conditions</li> <li>3. Rinse agent dispenser is empty</li> <li>4. Dishwasher connected to cold water supply</li> </ol> <p>Note: Refer to “wash cycle information” section in this manual for typical cycle lengths</p>	<ol style="list-style-type: none"> <li>1. Before starting a cycle, run hot water faucet closest to the dishwasher</li> <li>2. Sensors in the dishwasher automatically adjust cycle time to ensure a good wash when hardness is detected</li> <li>3. Add rinse agent</li> <li>4. Verify dishwasher is connected to hot water plumbing</li> </ol>
<p>Dishes are not getting clean enough</p>	<ol style="list-style-type: none"> <li>1. Spray arm movement obstructed</li> <li>2. Spray arm nozzles clogged</li> <li>3. Improper use of detergents</li> <li>4. Filters could be clogged</li> <li>5. Dishes are nested or loaded too close together</li> <li>6. Selected wash cycle is not suitable for food soil conditions</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure that spray arm movement is not obstructed by rotating spray arms before starting cycle</li> <li>2. Remove the spray arms and clean according to the “care and maintenance” section of the manual</li> <li>3. Increase or decrease detergent depending on water hardness (refer to Table 1)</li> <li>4. Clean the filters according to the “care and maintenance” section of the manual</li> <li>5. Rearrange load such that water spray can reach all items in the dishwasher - see “loading the dishwasher” section of the manual</li> <li>6. Refer to “wash cycle information” section of the manual</li> </ol>
<p>Dishes are not getting dry enough</p>	<ol style="list-style-type: none"> <li>1. Rinse agent dispenser is empty</li> <li>2. Improper loading of dishes</li> <li>3. Selected cycle does not include drying</li> <li>4. Extra Dry Heat is not activated</li> </ol> <p>Note: Plastic or Teflon do not typically dry as well as other items due to their inherent properties</p>	<ol style="list-style-type: none"> <li>1. Add rinse agent - the use of rinse agent is recommended</li> <li>2. Rearrange load to ensure items are not touching</li> <li>3. Rinse and Hold setting does not include drying</li> <li>4. See the “Operating the Dishwasher” section of the manual to learn how to activate Extra Dry</li> </ol>



Odor

1. Food debris is present at the bottom of the dishwasher
2. Food particles are present near the door seal
3. Dishes left in unit too long before running a cycle
4. Residual water is present at the bottom of the dishwasher
5. Drain hose is obstructed

---

Dishwasher  
not filling with water

1. Restriction in the water supply system
2. Previous wash cycle was not completed
3. Delay start is active
4. Household water supply turned off

---

Water leaks

1. Suds
2. Door seal could be pulled away from track
3. Condensation vent is blocked
4. Improper installation

Tub stains	<ol style="list-style-type: none"> <li>1. Stains on the dishwasher interior are due to water hardness</li> <li>2. Silverware in contact with tub</li> </ol>
Streaks on glassware or residue on the dishes	<ol style="list-style-type: none"> <li>1. Incorrect rinse agent setting</li> </ol>
Fascia panel discolored or marked	<ol style="list-style-type: none"> <li>1. Abrasive cleaner used</li> </ol>
Noise during wash cycle	<ol style="list-style-type: none"> <li>1. Dishes may not be arranged properly</li> </ol>
Detergent dispenser cover will not shut	<ol style="list-style-type: none"> <li>1. Improper operation of detergent cover</li> <li>2. Previous cycle has not been finished or rest or cycle or interrupted</li> </ol>
Unable to select desired cycle	<ol style="list-style-type: none"> <li>1. Previous cycle has not finished</li> </ol>

**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.

