

# Use and Care Manual



## 1 & 3 Series Built-In Dishwasher

# Congratulations

Your dishwasher is designed to offer years of reliable service. This Use & Care Guide will provide you with the information you need to become familiar with your dishwasher's operation and care.

Your complete satisfaction is our ultimate goal. If you have any questions or comments about this product, please contact the dealer from whom you purchased it, or contact our Consumer Support Center at 1-888-845-4641.

For more information about the complete and growing selection of products, contact your dealer or visit us online in the US at [www.vikingrange.com](http://www.vikingrange.com) or in Canada at [www.brigade.ca](http://www.brigade.ca)

## Table of Contents

### Getting Started

Warnings & Safety Instructions _____	3
Installation _____	5
Features _____	6

### Operation

Loading the Dishwasher _____	7
Rack Adjustments _____	8
Proper and Improper Loading _____	10
Operating Instructions _____	12
Program Table _____	13
Function Buttons _____	14
Detergent and Rinse Agent Dispenser _____	16

### Product Care

Care and Maintenance _____	20
Cleaning the Filters _____	20
Cleaning the Spray Arms _____	21
Troubleshooting _____	22
Service Information _____	26
Warranty _____	27

## Warnings & Safety Instructions

Please read this user manual and particularly the safety instructions completely and carefully. They will save you time and effort and help to ensure optimum dishwasher performance. Be sure to observe all listed warnings and cautions. Look particularly for the icons with exclamation marks inside. The information icon will also provide important references.

Warning and Important Safety Instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. Common sense, caution, and care must be exercised when installing, maintaining, or operating the appliance. **ALWAYS** contact the manufacturer about problems or conditions you do not understand.

### Recognize Safety Symbols, Words, Labels

<b>⚠ DANGER</b>
Hazards or unsafe practices which <b>WILL</b> result in death or severe personal injury.
<b>⚠ WARNING</b>
Hazards or unsafe practices which <b>COULD</b> result in death or severe personal injury.
<b>⚠ CAUTION</b>
Hazards or unsafe practices which <b>COULD</b> result in minor personal injury.
All safety messages will identify the hazard, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

**Read and follow all instructions before using this appliance** to prevent the potential risk of fire, electric shock, personal injury, or damage to the appliance as a result of improper usage of the appliance. Use appliance only for its intended purpose as described in this manual.

**To ensure proper and safe operation:** Appliance must be properly installed and grounded by a qualified technician. **DO NOT** attempt to adjust, repair, service, or replace any part of your appliance unless it is specifically recommended in this manual. All other servicing should be referred to a qualified servicer.

**KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE**

<b>⚠ WARNING</b>
<b>State of California Proposition 65</b>
-This product contains one or more chemicals known to the State of California to cause cancer. -This product contains one or more chemicals known to the State of California to cause birth defects or other reproductive harm.

<b>⚠ WARNING</b>
<b>Danger of Suffocation!</b>
Ensure that any plastic wrappings, bags, small pieces, etc., are disposed of safely and kept out of the reach of children.

## Warnings & Safety

### **WARNING**

When using the dishwasher, follow basic precautions, including the following.

**Read all instructions before using the dishwasher! Save these operating instructions and pass them on to any future user.**

- Use the dishwasher only for its intended purpose as described in this user manual. This appliance is intended for normal household use only.
- The manufacturer disclaims responsibility for damage or injury caused by improper use of this appliance.
- The information in this user manual must be followed to minimize the risk of fire or explosion and to prevent property damage, personal injury, or loss of life.
- **DO NOT** operate your dishwasher unless all the enclosure panels are properly in place.
- **DO NOT** tamper with the controls.
- **DO NOT** abuse, sit on, stand in or on the door or dish rack of the dishwasher.
- The cup racks are designed to support cups, glasses, and kitchen utensils. When the cup racks are in the dishwasher, do not lean on or use the cup racks to support your body weight.
- To reduce the risk of injury, **DO NOT** allow children to play in, on, or near the dishwasher.
- Use only detergents or rinse agents recommended for use in a household dishwasher and keep them in a dry place out of the reach of children. Check that the detergent dispenser is empty after the completion of each wash program.
- Dishwasher detergents are alkaline. They can be dangerous if inhaled or swallowed. Avoid contact with skin and eyes and keep children and people in poor health away from the dishwasher when the door is opened. Consult a doctor immediately if detergent has been swallowed or inhaled.
- **DO NOT** drink water from the dishwasher! Harmful residues could be present.
- Under certain conditions, hydrogen gas may be produced in a hot water heater system that has not been used for two weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot water system has not been used for such a period, before using the dishwasher turn on all hot water taps and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As gas is flammable, do not smoke or use an open flame during this time.
- **DO NOT** store or use flammable liquids or vapors in the area of the dishwasher.
- When loading items to be washed, position sharp items so that they are not likely to damage the door seal and load sharp knives with the handles up to reduce the risk of cut-type injuries.
- **DO NOT** wash plastic items unless they are marked “dishwasher safe” or the equivalent. For plastic items not so marked, check the manufacturer’s recommendations.
- If a malfunction occurs, switch off the appliance and turn off the water supply to the dishwasher.
- Before cleaning or carrying out maintenance, switch off the appliance, disconnect the power plug, and turn off the water supply.
- Repairs and technical modifications must be carried out exclusively by a qualified technician.
- If the dishwasher is not in use for an extended period of time (i.e. vacation home), we recommend you check that the baskets are empty, leave the inside of the dishwasher clean, leave the door cracked open to allow air to circulate, and turn off both the power and water supply to the dishwasher.
- This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances.
- 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 on the appliance.

### **WARNING**

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt whether the appliance is properly grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

### **WARNING**

If your dishwasher is equipped with interior lighting, replacement should only be done by an authorized service agent.

## Installation

### **WARNING**

When installing the dishwasher, follow basic precautions, including the following.

- The dishwasher installation must be performed in accordance with the installation guide. If you did not receive an installation guide, order it by calling 1-888-845-4641 or you may also download it from our website in the US ([www.vikingrange.com](http://www.vikingrange.com)) or in Canada ([www.brigade.ca](http://www.brigade.ca)).
- Installation, maintenance, and repair should be performed by a qualified installer. Work by unqualified persons could be dangerous and may void the warranty.
- **DO NOT** operate the dishwasher if damaged, malfunctioning, partially disassembled, or if it has missing or broken parts.
- Before installation or service, disconnect the power supply to the work area by unplugging the unit, “tripping” the circuit breaker, or removing the fuse.
- Only connect the dishwasher to the power supply when all installation and plumbing work is complete.
- **DO NOT** install or store the dishwasher where it can be exposed to below freezing temperatures or exposed to weather.
- Dishwasher must be secured to adjacent cabinetry using the brackets provided. Failure to do this may cause damage to property or bodily injury.
- Connect to a properly rated, protected and sized power supply circuit to avoid electrical overload. The dishwasher is designed for an electrical supply of 120V (volts), 60Hz (hertz), AC, connected to a dishwasher-dedicated, properly grounded electrical circuit with a fuse or breakers rated for 15 amperes. Electrical supply conductors shall be a minimum of #16 AWG copper wire rated at 167°F (75°C) or higher. These requirements must be met to prevent injury and machine damage. Consult a qualified electrician if in doubt.
- **DO NOT** use any extension cord or portable outlet device to connect the dishwasher to a power supply.
- Remove the dishwasher door when removing an old dishwasher from service or discarding it. Ensure that the dishwasher presents no danger to children while being stored for disposal.
- Old appliances may contain materials that can be recycled. Please contact your local recycling authority about the possibility of recycling these materials.

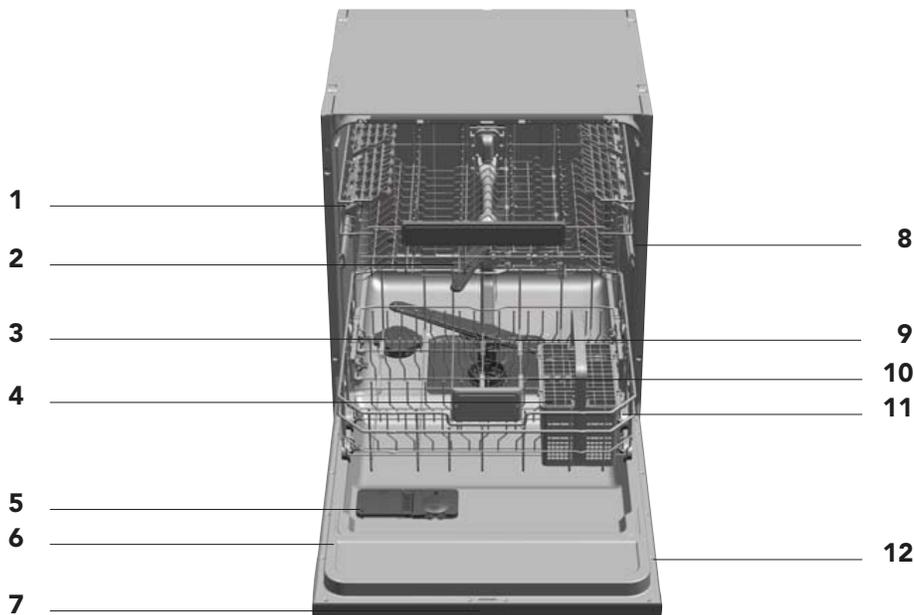
# Features

## 3 Series



- 1. Upper rack
- 2. Upper spray arm
- 3. Salt container (select models)
- 4. Cutlery basket
- 5. Detergent dispenser
- 6. Door
- 7. Control panel
- 8. Guiding track for the upper rack
- 9. Lower spray arm
- 10. Filters
- 11. Lower rack
- 12. Removable third rack
- 13. Model and Serial Tag

## 1 Series

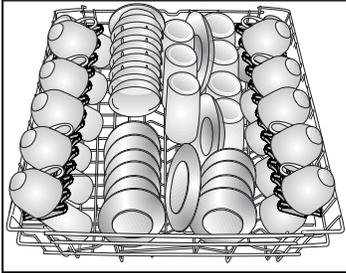


- 1. Upper rack
- 2. Upper spray arm
- 3. Salt container (select models)
- 4. Cutlery basket
- 5. Detergent dispenser
- 6. Door
- 7. Control panel
- 8. Guiding track for the upper rack
- 9. Lower spray arm
- 10. Filters
- 11. Lower rack
- 12. Model and Serial Tag

## Loading the Dishwasher

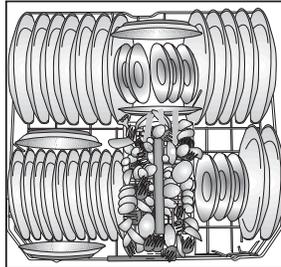
- Pull the handle to open the door. If the door is opened during operation, the dishwasher will stop running. Once the door is closed, the program will continue.
- Remove coarse food leftovers from tableware.
- Now you can load the dishwasher.

### Upper Rack



Top rack load pattern for 14 place international setting

### Lower Rack



Bottom rack load pattern for 14 place international setting

### ⚠ WARNING

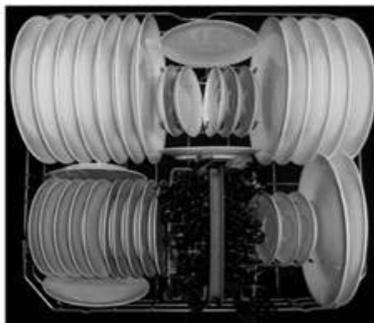
- Large knives and other utensils with sharp tips and edges must be placed horizontally into the upper rack due to risk of injury. Other smaller knives and sharp utensils should be placed with sharp side down in the cutlery basket.
- Use extreme caution when removing knives and other sharp utensils from the dishwasher. These items may have shifted position during the wash program, and may be wet or slippery.
- The cup racks are designed to support cups, glasses, and kitchen utensils. When the cup racks are in the dishwasher, do not lean on or use the cup racks to support your body weight.

- Your dishwasher holds a maximum of 14 place settings.
- Place all containers such as cups, glasses, and pots into the dishwasher with the opening facing downwards (so that no water can collect).
- Small and light items can go into the upper rack.
- Long and narrow items are placed in the middle of the racks.
- Place all large and very dirty items in the lower rack.
- Dishes and cutlery should not be placed above each other.
- Glasses should not touch each other.
- The movement of the spray arms must not be hindered.
- **DO NOT** overload your dishwasher and pay attention to manufacturer instructions regarding dishes which are appropriate for use in a dishwasher. Only with suitable dishwasher safe dishes will you obtain optimal washing results with a sensible use of energy.

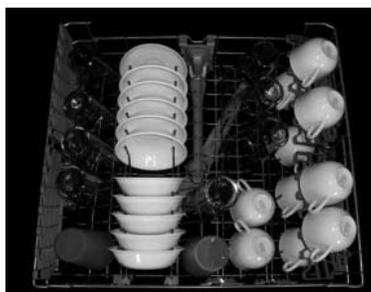
### Additional Loading Patterns



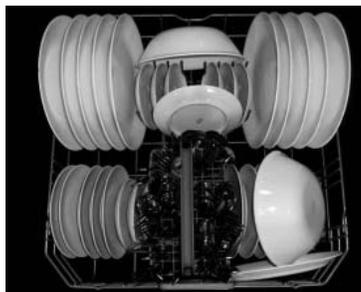
Top rack load pattern for 12 place setting according to the AHAM DW-1 Standards



Bottom rack load pattern for 12 place setting according to the AHAM DW-1 Standards



Top rack load pattern for 10 place setting

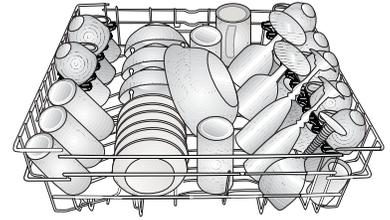


Bottom rack load pattern for 10 place setting

# Rack Adjustments

## Upper Rack

Load the upper rack with dessert plates, cups, glasses, etc.

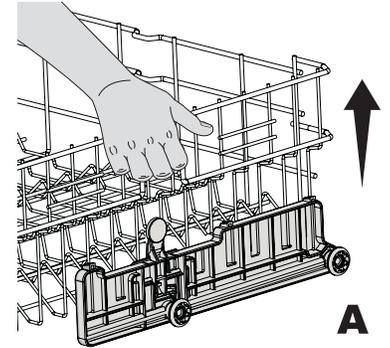


## Variable Height Setting

The upper rack is equipped with a lifting mechanism which enables you to change the height of the rack even if it is fully loaded, and without having to remove it from the dishwasher.

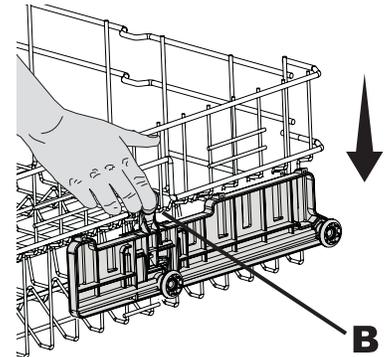
### Lift Upper Rack

- To lift the upper rack to a higher position, hold it on one side and carefully pull it upwards **A**.
- To lift the opposite side of the rack, hold it and pull it upwards in the same manner.



### To Lower Upper Rack

- To lower the upper rack, hold and press in the rack lever on one side and carefully lower the rack without releasing the lever **B**.
- Repeat the procedure with the lever on the opposite side of the rack



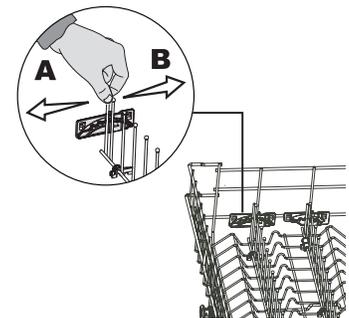
### ⚠ NOTICE

Made sure both levers catch in the same height position

## Folding Tines

There are "folding tines" in the upper rack to allow you more space to accommodate glasses or cups.

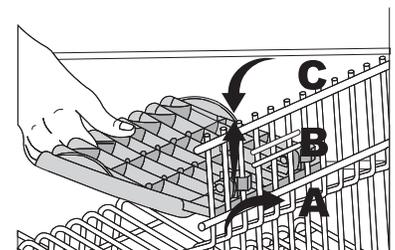
- Simply pull in the first front folding tine, move it to left **A** and right **B** to place in another position. The tines will also lay flat.



## Adjustable Shelves

Depending on the size of the glasses and cups, the shelf height setting may be adjusted.

- Fold the shelf upwards **A**.
- Positioning at the desired height **B**.
- Fold the shelf again downwards **C**.



## Rack Adjustments

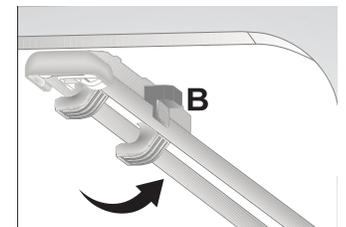
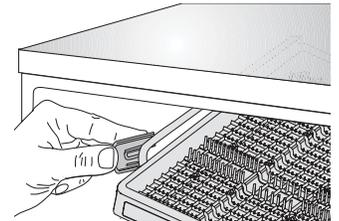
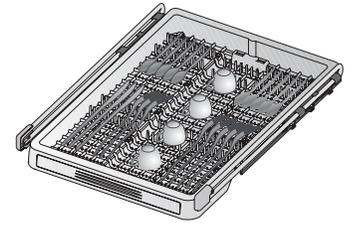
### Removable Third Rack

The removable third rack is designed for small dishes, or long dishes that cannot fit into the cutlery basket.

Thanks to the easy take-out feature, it allows removing the dishes from the machine together with the rack after washing operation. Since it can fit into all standard size drawers, there is no need to remove the dishes from the basket and place them separately into the kitchen drawers or shelves.

If you don't want to use the removable third rack, pull it back to yourself to remove it from the machine, rotate the rail lids A towards outside and pull them towards yourself to take them out. After taking out the rack by lifting it up, remove the carrier part from the rails by pulling it towards yourself. Replace the rail lids and push them back to seat them into their places. Turn the rails inside the machine outwards B to seat them properly in their places.

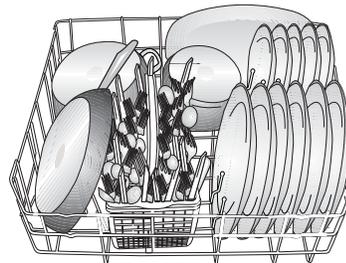
In order to put the removable third basket back into its place, repeat the same process in reverse order.



### Lower Rack

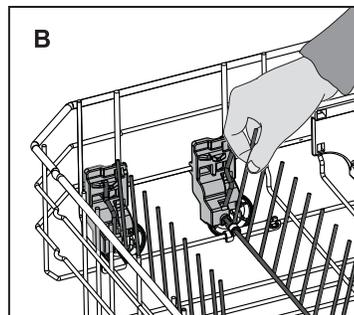
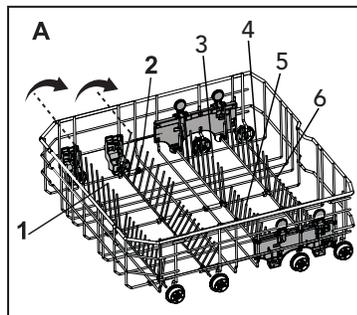
Use the lower rack for plates, bowls, pots, etc.

- Fold the shelf upwards **A**.
- Positioning at the desired height **B**.
- Fold the shelf again downwards **C**.



### Adjustable Lower Rack Tines

The six piece foldable tines (A) located in the lower rack of the machine are designed for an easier placement of large pieces such as pans, bowls, etc. You can create larger spaces by folding each tine individually or all of them at once. To bring the adjustable tines into horizontal position, grab the tines from mid position and push them in the directions of arrows (B). To bring the tines back to vertical position, just lift them up. Adjustable tines will click into the latch again.



#### ⚠ NOTICE

Bringing the tines to the horizontal position by holding them from the tips may cause them to bend. Therefore, adjust the tines by holding them by their stems and pushing in the direction of arrow.

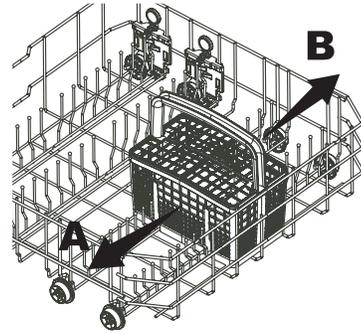
#### ⚠ NOTICE

When finished, test to ensure that the spray arm can still move freely.

## Proper and Improper Loading

### Sliding Cutlery Basket

Designed to allow free placement of the dishes according to their size; the Sliding Cutlery Basket can slide over the tines to the left **A** and right **B** side.

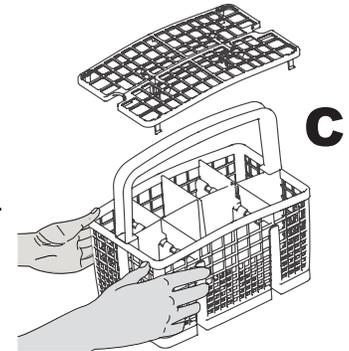


Use the basket inset **C** for your cutlery so that all items in the basket are surrounded by a sufficient water flow.

For larger items (e.g. wire whisks) the basket inset may be removed **C**. Simply raise.

To make loading easier, the cutlery basket can be removed. Simply take out the basket upward.

Place long items such as ladles, cooking spoons, etc., on the shelf in the upper rack.

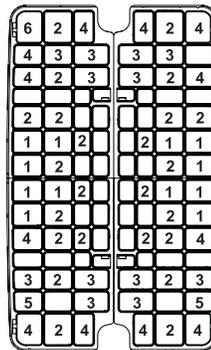


### ⚠ NOTICE

When finished, test to ensure that the spray arm can still move freely.



- 1: Salad Fork
- 2: Teaspoon
- 3: Dinner Fork
- 4: Knife – Solid Handle
- 5: Serving Spoon
- 6: Serving Fork



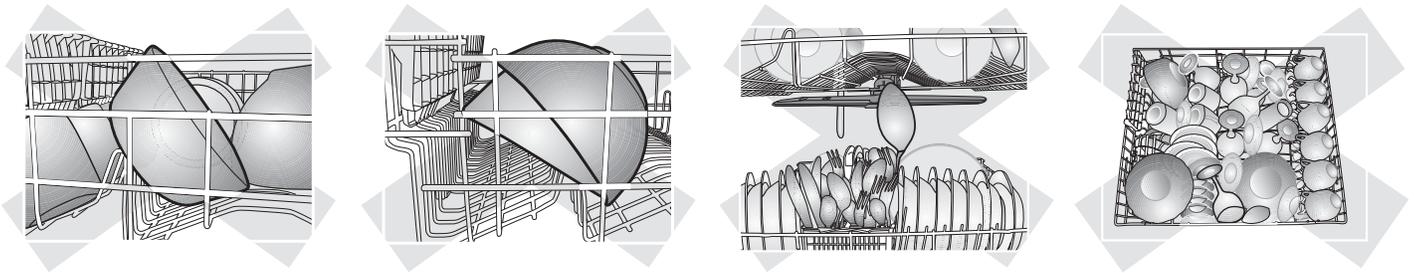
Sliding cutlery basket load pattern for 12 place settings according to the AHAM DW-1 Standards

### ⚠ NOTICE

- Place all large and very dirty items in the lower rack.
- Place all containers such as cups, glasses, and pots into the dishwasher with the opening facing downwards (so that no water can collect).
- The movement of the spray arms must not be hindered.
- Do not overload your dishwasher. Dishes and cutlery should not be placed above each other. Glasses should not touch.
- Only with suitable dishwasher safe dishes will you obtain optimal washing results with a sensible use of energy.

## Proper and Improper Loading

### Improper Loading



### ⚠ NOTICE

#### What Should Not be Washed in Your Dishwasher

- Rust-sensitive steel parts like iron and cast iron that can rust and stain other utensils and damage the interior stainless steel liner of the dishwasher and void the warranty. **DO NOT** wash copper, brass, pewter, bronze, or tin.
- Cutlery with wooden or horn handles and cutlery with mother-of-pearl or porcelain handles will deteriorate over time if put in the dishwasher.
- Plastics may lose their shape or color with hot water; please follow the instructions of plastic manufacturers. Be sure that plastic items are marked “dishwasher safe.”
- Glued dishes or cutlery are not suitable for machine washing since certain adhesives may get soft or dissolve with hot water.
- Aluminum may fade over time. Minerals in water and detergent may cause the aluminum to darken or spot.
- Sterling silver articles should not be washed in the dishwasher because they tend to discolor and become dull by dishwasher detergent.
- Silverware and stainless steel items should not be in contact with each other. Mixing these items can cause staining. Remove and hand-dry these items immediately when the program ends.
- Decorated glasses, porcelain, fine china, and china with gold rims are sensitive to machine washing. They may lose their patterns and colors over time.
- Crystal and very fine glassware may become opaque (etch), losing their shine over time. You may prefer to wash them by hand.
- **DO NOT** wash sponges or dish cloths in dishwasher.
- **DO NOT** wash art and craft articles in dishwasher.
- Disposable plastics and disposable aluminum cannot withstand high temperatures; **DO NOT** wash them in the dishwasher.

### ⚠ CAUTION

- If in doubt, wash by hand or follow the instructions from the manufacturer of utensils, dishes, glasses, or pots and pans.
- Do not wash items soiled with cigarette ash, candle wax, varnish, paints, or chemicals since they can damage your dishwasher.

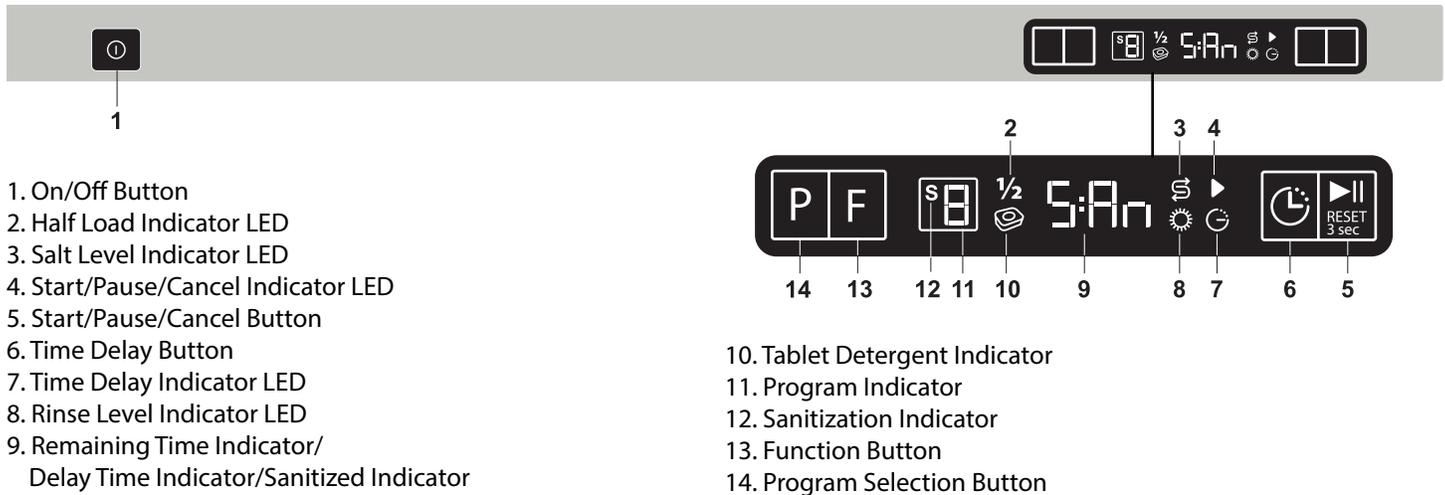
### ⚠ CAUTION

We recommend when buying new dishware, try to choose ones that are suitable for machine washing (marked dishwasher safe).

#### Caring for your Tableware

The combination of high temperatures and dishwasher detergent may cause damage to some items if they are washed in the dishwasher. Remember, if there is any doubt about any aspect concerning items to be washed in the dishwasher, follow the instructions from the manufacturer of the items, or wash the items by hand.

# Operating the Dishwasher



- Open the door and load the dishwasher.
- Check that both upper and lower spray arms move freely.
- Pour correct amount of detergent into the detergent dispenser and close the lid.
- Push in the On/Off button 1 and check that the display lights come on.
- Check the rinse agent level indicator LED 8. If necessary, refill the rinse agent.
- Check the salt level indicator LED 3. If necessary, refill salt (select models).
- Use the Program Selection button 14 to choose your washing program.
  - When there are few dishes, additionally use the Half Load function.
  - Depending on the hardness level of the tap water, the Tablet Detergent function allows better drying and washing performance from the multi-purpose tablets.
- Start the program with the Start/Pause/Cancel button 5.
- Close the door and the program will start.
- When the wash program has ended, an electronic beep will sound and will continue every 10 seconds. After two minutes of elapsed time, the sound will stop. The beep can also be stopped by opening the door or by pressing the On/Off button 1.
- Press the On/Off button 1 and open the door after the program is completed. The indicator lights will go off.
- Allow your dishes to cool for 15 minutes, with the door open.
- Unload the dishes. Begin with the lower rack.

## Floor Lighting Indicator

Your dishwasher will light the floor during the wash operation. The light will turn off automatically at the end of the washing operation. **NOTE:** When the washing program begins, the light indicator feature activates itself automatically and will automatically turn off at the end of the cycle. This feature is an option that cannot be turned off by the consumer.

### ⚠ CAUTION

Hot steam can escape! Danger of serious burns or other injury.

### ⚠ CAUTION

Avoid opening the door during the wash cycle. This interrupts the washing process, and hot steam will escape. Hot steam can cause burns and other serious injuries. When the door is closed, the program will continue.

# Operating the Dishwasher

## 3 Series

PROGRAM TABLE										
Program Number	1		2		3		4 Reference*	5	6	
Program Name	Rinse / Hold		Fast Wash		Light / China		Normal Wash	Pots / Pans	Pots / Pans Plus	
Wash Temperatures	(°F)	-	113		122		122	158	158	
	(°C)		45		50		50	70	70	
Rinse Temperatures	(°F)	-	131		149		142-145	158	167	
	(°C)		55		65		61-63	70	75	
Degree of Dirtiness		-	Few		Few		Medium	High	High	
Detergent in Dispenser Section	15 ml		-	+	-	-	-	-	-	
	15-25 ml		-	-	+	+	+	+	+	
	+5 ml		-	-	-	+	+	+	+	
Recommended Dispenser Section	Hard Water	ml	-	15-25	25	25-40	40	40		
	Water	tsp	-	3-5	5	5-8	8	8		
	Medium Water	ml	-	15	15-25	25	40	40		
	Water	tsp	-	3	3-5	5	8	8		
	Soft Water	ml	-	15	15	15-25	25-40	25-40		
	Water	tsp	-	3	3	3-5	5-8	5-8		
Program Process	Wash ▼ End		Main Wash ▼ Rinse ▼ Final Rinse ▼ End		Main Wash ▼ Rinse ▼ Final Rinse ▼ Dry ▼ End		Wash ▼ Main Wash ▼ Rinse 1 ▼ Rinse 2 ▼ Final Rinse ▼ Dry ▼ End		Wash ▼ Main Wash ▼ Rinse ▼ Final Rinse ▼ Dry ▼ End	
							FDW301WS RDW301WS	FDW301 RDW301		
Duration (Minutes)		12	34		65		100-135	100-135	101	120
Water (Gallons)		1.2	3.1		3.1		3.01-5.34	2.38-4.70	4.3	5.3
Water (Liters)		4.4	11.8		11.8		11.4-20.2	9.0-17.8	16.2	20.2

The consumption values shown in the table were determined under standard conditions. For this reason, deviations are possible under practical conditions.

## 1 Series

PROGRAM TABLE										
Program Number	1		2		3		4 Reference*	5		
Program Name	Rinse / Hold		Fast Wash		Light / China		Normal Wash	Pots/Pans Plus		
Wash Temperatures	(°F)	-	113		122		122	158		
	(°C)		45		50		50	70		
Rinse Temperatures	(°F)	-	131		149		142-145	167		
	(°C)		55		65		61-63	75		
Degree of Dirtiness		-	Few		Few		Medium	High		
Detergent in Dispenser Section	15 ml		-	+	-	-	-	-		
	15-25 ml		-	-	+	+	+	+		
	+5 ml		-	-	-	+	+	+		
Recommended Dispenser Section	Hard Water	ml	-	15-25	25	25-40	40	40		
	Water	tsp	-	3-5	5	5-8	8	8		
	Medium Water	ml	-	15	15-25	25	40	40		
	Water	tsp	-	3	3-5	5	8	8		
	Soft Water	ml	-	15	15	15-25	25-40	25-40		
	Water	tsp	-	3	3	3-5	5-8	5-8		
Program Process	Wash ▼ End		Main Wash ▼ Rinse ▼ Final Rinse ▼ End		Main Wash ▼ Rinse ▼ Final Rinse ▼ Dry ▼ End		Wash ▼ Main Wash ▼ Rinse 1 ▼ Rinse 2 ▼ Final Rinse ▼ Dry ▼ End		Wash ▼ Main Wash ▼ Rinse 1 ▼ Rinse 2 ▼ Final Rinse ▼ Dry ▼ End	
							FDW102 RVDW102	FDW102WS RVDW102WS		
Duration (Minutes)		12	34		65		100-135	100-135	120	
Water (Gallons)		1.2	3.1		3.1		2.80-4.70	3.43-5.34	5.3	
Water (Liters)		4.4	11.8		11.8		10.6-17.8	13.0-20.2	20.2	

The consumption values shown in the table were determined under standard conditions. For this reason, deviations are possible under practical conditions.

# Operating the Dishwasher

## Function Buttons

The combination of high temperatures and dishwasher detergent may cause damage to some items if they are washed in the dishwasher. Remember, if there is any doubt about any aspect concerning items to be washed in the dishwasher, follow the instructions from the manufacturer of the items, or wash the items by hand.



### On/Off Button

Turn the dishwasher on with the On/Off button. When turning on, the icon on the display of the last used program will light up.



### Program Selection Button

Use the Program Selection button to select the desired program. The icon of the corresponding program will light up. Refer to "Table of Program Data and average Consumption Values" to select a program suitable for your dishes. select the desired program with Program Selection button.



### Function

Use the function button to select Half Load, Tablet Detergent, and Sanitize Functions.

#### Half Load Function

If you want to run your machine without loading it completely, place your dishes into the machine as you desire. Press On/Off button to turn on your machine. Press the Half Load/Tablet Function button after selecting the desired program until Half Load Indicator lights up, then press Start/Pause/Cancel button and close the door of your machine. With the Half Load option you can use every part of your lower and upper baskets and save water and energy.

#### Tablet Detergent Function

Depending on the hardness level of the tap water, the Tablet Detergent function allows obtaining a better drying performance from the multipurpose detergents such as 2in1, 3in1, 4in1, 5in1, etc., called as all-in one detergents. Tablet Detergent Indicator lights when the Tablet Detergent function is selected.

Salt and Rinse agent indicators turn off when this function is activated.

Turn on your machine by pressing the On/Off button to use the Tablet Detergent function. Press the Function button after selecting the desired program until the Tablet Detergent Indicator lights up. Press Start/Pause/Cancel button and close the door of your machine.

#### Sanitize Function

Sanitize function raises the water temperature in the final rinse to meet the requirements of NSF/ANSI STANDARD 184 for Residential Dishwashers. Certified residential dishwashers are not intended for licensed food establishments. Available only with Regular Wash, Pots & Pans, and Pots & Pans Plus programs.

Turn on your machine by pressing the On/Off button to use the Sanitize function. Press the Function button after selecting the desired program until Sanitization indicator lights up. Press Start/Pause/Cancel button and close the door of your machine.

By using the Function button, Half Load, Tablet Detergent and Sanitize functions can be selected individually.

## WARNING

Selected function will remain active in the next washing program. If you want to use these functions in the new program you have selected, press the Function button until the indicator of the relevant function turns off.

## Operating the Dishwasher



### Start/Pause/Cancel Button

Use this button to start the selected program. When the button is pressed once, the light on the button will turn on. Stop the program with the Start/Pause/Cancel button.



### Remaining Time Indicator/Delay Time Indicator

You can follow the remaining program duration from the time indicator display.



### Delay Start Button

This option enables you to start the selected program with a delay of .5 to 9.5 hours.

- Delay time is adjusted by pressing the Time Delay button (press several times).
- After adjusting the delay time, press the Start/Pause/Cancel button.
- Close the door. At the end of the delay set, the program starts automatically.

### ⚠ NOTICE

During a wash program, the Delay Start option does not function.

### Cancellation of a Function

To cancel a program while the dishwasher is running:

- Open the door gently.
- Press and hold Start/Pause/Cancel button for 3 seconds. The indicator light will start flashing.
- Close the door.
- The dishwasher will drain the water inside the machine for 2 minutes. At the end of the cycle, a beep will sound. You can choose and start a new program.

### ⚠ WARNING

Depending on the stage of the program you have cancelled, there may be detergent residue or rinse agent inside the machine and on the dishes. Make sure the items in the dishwasher are not used before washing properly. Ingestion or inhalation of detergent or rinse agent may cause serious injury. Avoid contact with skin and eyes and keep children and people in poor health away from these materials.

### Program Change

To change the program selection while the dishwasher is running:

- Open the door gently.
- Press Start/Pause/Cancel and select a new program.
- Press Start/Pause/Cancel again, to start.

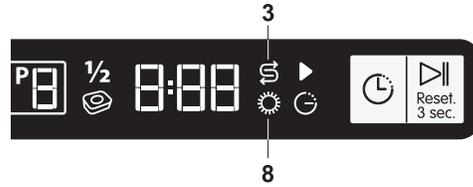
### ⚠ WARNING

Depending on the length of the terminated program, detergent and rinse agent may still be in the dispensers. Ingestion or inhalation of detergent or rinse agent may cause serious injury. Avoid contact with skin and eyes, and keep children and people in poor health away from these materials.

### Changing Volume of Sound Indicator

Press and hold Function button for 5 seconds until S:03 appears on the display. Every time you press the Function button, the warning sound level will change as - - Off, S:01 Low, S:02 Medium, and S:03 High. After selecting the sound volume, wait for 10 seconds to save it. Factory setting of your machine is S:03.

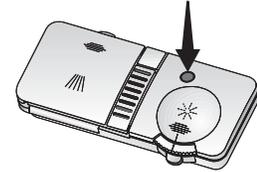
# Operating the Dishwasher



## Rinse Agent Level Indicator LED (#8)

If this indicator light comes on, you need to refill rinse agent. You can also tell whether rinse agent must be refilled by looking at the rinse agent dispenser. When the visual fill indicator is dark, there is enough rinse agent in the dispenser. When the color is light, open the dispenser and refill rinse agent.

## Visual indicator



**Dark:** Sufficient rinse agent  
**Light:** Refill rinse agent

## Salt Level Indicator LED (#3)

When this indicator light comes on, you must refill special salt. Only use special dishwasher salt in your machine to soften the water.

## Detergent and Rinse Agent Dispenser

### Filling the Detergent Dispenser

#### ⚠ WARNING

- Always store your detergent in locations which are cool, dry, and out of the reach of children.
- Check that the detergent dispenser is empty after the completion of each wash program.
- Dishwasher detergents can be dangerous if inhaled or swallowed. Avoid contact with skin and eyes; keep children and people in poor health away from the dishwasher when the door is opened. Consult a doctor immediately if detergent has been swallowed or inhaled.

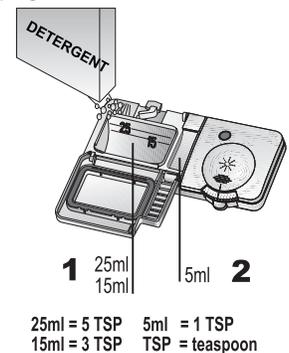
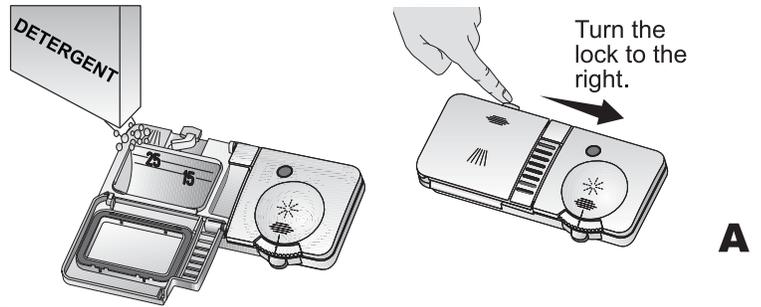
#### ⚠ NOTICE

- Only use detergents suitable for dishwashers.
- **DO NOT** use detergent in Rinse/Hold cycle.
- **DO NOT** forget to pour/put the detergent into the dispenser before turning on the machine.
- Too much detergent may mean that the detergent does not dissolve properly and dishes could get scratched.
- Too much detergent in soft water may cause glass corrosion. **DO NOT** use too much detergent if your water supply is soft.

If you do not know the hardness of your water supply, use 15 ml/3 tsp. detergent. Increase the amount of detergent if you see white water marks, especially on the surface of the glassware. Find out the hardness of your water supply by asking your local water department, water softener company, or county extension agent.

## Operating the Dishwasher

- Open the detergent container by pushing the lock to the right **A**.
- Pour/put the detergent into the dispenser.
- Close the lid until it clicks in.
- The detergent container holds a total of 40 ml/8 tsp. of detergent
- Marking lines on the inside of the detergent container aid in providing the correct amount of detergent. When the dishwasher is fully loaded and the dishes are very dirty, we recommend filling the detergent container up to the 25 ml/5 tsp. mark. When the dishes are less dirty, it is generally sufficient to fill the detergent up to the 15 ml/3 tsp. mark.
- The detergent amounts for the individual cleaning programs are shown in the Program Table on page 21.
- Fill amounts given are for standard powder detergent. Amounts may vary if you use liquid or concentrated power detergent. Tablet detergents should be placed in detergent container 1 with the cover closed.
- Follow instructions on the package of the detergent when using liquid dishwasher detergent, concentrated powder detergent, or tablet detergent.
- Deviations are possible depending on how dirty the dishes are and how hard the water is in your location.
- If your dishes have been in the dishwasher for some time without being washed, also fill the smaller container 2 up to the top.



## Filling the Rinse Agent Dispenser

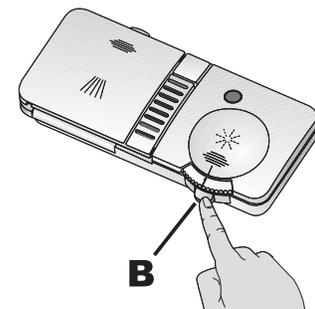
### ⚠ WARNING

Keep your rinse agents out of the reach of children. Ingestion or inhalation of rinse agent may cause serious injury. Avoid contact with skin and eyes, and keep children and people in poor health away from rinse agents

### ⚠ NOTICE

- Only use rinse agents suitable for use in dishwashers. Rinse aids allow washing water to rinse off more cleanly and prevent watermarks or streaks on the dishes.
- If you use "2 in 1" or "3 in 1" detergents/tabs, you do not need additional rinse agent.

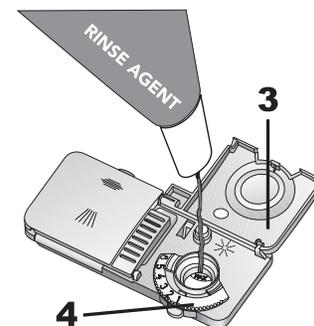
- Open the rinse agent dispenser by pressing the lock **B**.
- Carefully pour in rinse agent to the MAX mark.
- Close the lid until it clicks in **3**.
- Carefully wipe off spilled rinse agent. Excessive rinse agent causes excessive foam formation, which may hinder cleaning.



### Set the Dose of Rinse Agent

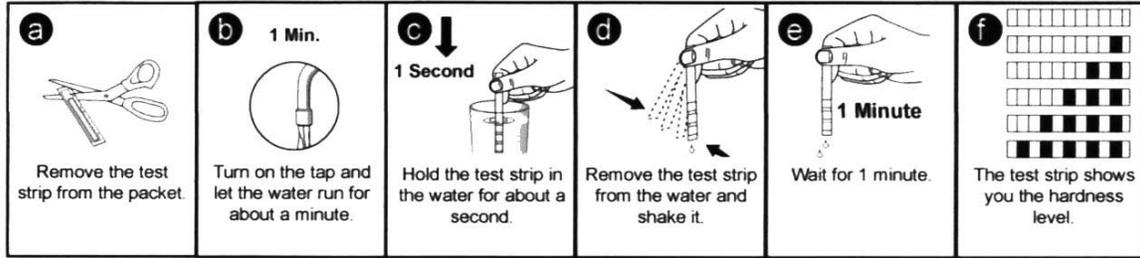
The dose of rinse agent to be used can be set by means of the dispenser regulator **4** between levels 1 and 6. Change the setting, only if the following applies after washing:

- Watermarks are visible on the dishes: Set dosage higher.
- Streaks are visible on the dishes: Set dosage lower.



# Operating the Dishwasher

## Setting the Water Softener (select models)



- Press the Program Selection button before you switch the appliance on and keep this button pressed down.
- Switch the appliance on using the On/Off button; then release the switch.
- Release the Program Selection button when the water hardness level stored on your machine is displayed in "r...." format.
- Start/Stop icon will start flashing as soon as the water hardness level store on your machine.
- Water hardness can be set to the desired level by pressing the Time Delay button (compare the test strip with the degrees of Hardness Table). The appropriate program lights up.
- Once you have set the hardness level, press the Start/Stop/Cancel button to save the value. The control indicator on the Start/Stop/Cancel button now lights up permanently.
- Switch the appliance off again using the On/Off button.

Name of Unit	American	PPM	French	Indicator in the Multi-Function display
Definition	1 grain of CaCO <sub>3</sub> / 1 gal (US) of water (Hardness °dE)	1 mg of CaO/ 1 L of water	1 mg of CaO/ 1 L of water (Hardness °dF)	
1st Level 	0-6	0-80	0-8	Press the Time Delay button to switch the water hardness level to position 1.
2nd Level 	7-12	81-130	9-13	
3rd Level 	13-18	131-220	14-22	Press the Time Delay button to switch the water hardness level to position 2.
4th Level 	19-23	221-270	23-27	Press the Time Delay button to switch the water hardness level to position 3.
5th Level 	24-36	271-340	28-34	Press the Time Delay button to switch the water hardness level to position 4.
6th Level 	37-47	341-800	35-90	Press the Time Delay button to switch the water hardness level to position 5.

## Operating the Dishwasher

### ⚠ NOTICE

- If the water hardness level is less than 7 American odE or less than 8 French odF, you do not need any special softening salt. In this case, the “salt” control indicator lights up continually.
- If your local hardness level exceeds 47 American odE or 90 French odF, you should consider getting a water softening device for your dishwasher. If you use stream water or rainwater, you are advised to install filters.
- If the water hardness adjustment is set to level 1, the “salt” control indicator illuminates continuously although it is not necessary to use salt. If you use salt under this condition, salt will not be consumed and the lamp will not illuminate.
- If you move, do not forget to adjust the water hardness level to suit your new neighborhood.
- If the model does not have a salt dispenser, ignore this changes. Water hardness level must be in position 1.

### Filling the Dishwasher Salt Dispenser

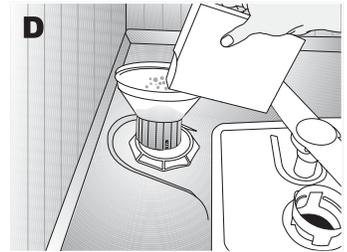
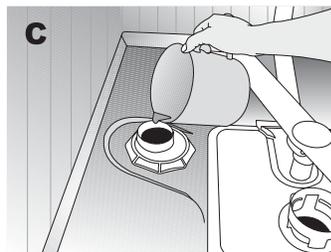
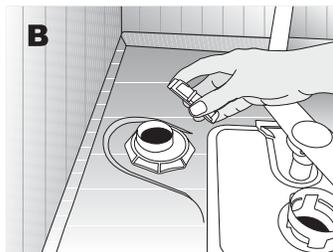
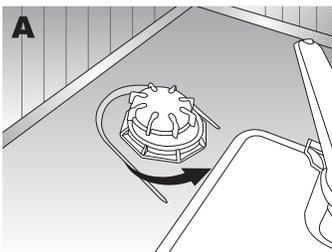
#### ⚠ CAUTION

Never use culinary or table salt. These types of salt do not dissolve in water easily and will damage the function of the softening device.

#### ⚠ NOTICE

- Only use special dishwasher salt in your machine to soften the water.
- **DO NOT** use coarse-grained salt. Small grains or powdered salt is more easily soluble.
- The manufacturer is not liable for damages resulting from the use of the wrong type of salt.

- Remove the lower rack from the machine.
- Open the screw-in cap of the salt container by turning it counterclockwise (Fig. A, B).
- When operating for the first time: Pour 1 liter of water into the salt container (Fig C).
- Pour the salt into the container with the aid of the supplied salt funnel (Fig. D). Pour in enough salt to fill the container. The container holds approximately 2 kg/4.4 pounds.
- Close the cap tightly.



#### ⚠ CAUTION

Begin any wash program immediately after filling the salt container. The washing program prevents damage to the machine which may be caused by any spilled salt solution.

After the first washing cycle, the salt level indicator light will go out.

## Care and Maintenance

### ⚠ CAUTION

Cleaning your dishwasher at regular intervals ensures longer product life and reduces the risk of recurring problems. Always disconnect the power to machine before cleaning.

### ⚠ WARNING

- Before cleaning or carrying out maintenance, switch off the appliance, disconnect the mains plug, and turn off the water tap.
- **DO NOT** repair or replace any part of the dishwasher or attempt any servicing unless specifically recommended by this manual. We recommend that the dishwasher only be repaired by an authorized service agent.

### ⚠ CAUTION

- To avoid the possibility of slipping, keep the floor around the dishwasher clean and dry.
- Keep your appliance free from the accumulation of combustible materials, such as lint, rags, and chemicals.
- If the dishwasher is not in use for an extended period of time, we recommend you check that the baskets are empty, leave the inside of the dishwasher clean, the door cracked open to allow air to circulate, and turn off both the power and water supply to the dishwasher.

## Caring for Your Dishwasher Exterior

### ⚠ CAUTION

Possible dishwasher damage: Abrasive cleaners, scouring pads, abrasive cloths (paper towels) can damage the dishwasher door.

### Cleaning the Control Panel

Use only soft cloth that is lightly dampened with mild detergent. Clean the control panel only with a moist cloth and clear water.

### Cleaning the Colored Doors

Use only light cloth that is lightly dampened with mild detergent.

### Cleaning the Stainless Steel Doors

Use a soft cloth with a cleaner made for cleaning stainless steel. For the best results, apply the stainless steel cleaner to a soft cloth and wipe the surface in the direction of the grain. **DO NOT** use abrasive cleaners or cleaners containing bleach.

### Cleaning the Door Gasket

Regularly clean the door gasket with a damp cloth to remove food particles and other debris. Use a gentle household cleaner for the outside and the door seals, and rinse thoroughly.

## Caring for Your Dishwasher Interior

### ⚠ CAUTION

When cleaning the underside of the main filter, care must be taken on the sharp outer edge to avoid the risk of cut type injuries.

### ⚠ WARNING

If your dishwasher is equipped with interior lighting, replacement should only be done by an authorized service agent.

## Care and Maintenance

### Cleaning the Filters

Clean the filters and the spray arms regularly. A dirty dishwasher will have a negative effect on the cleaning results.

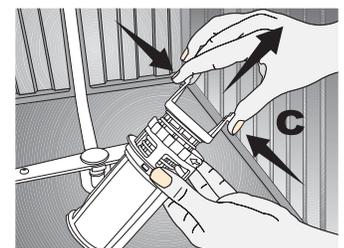
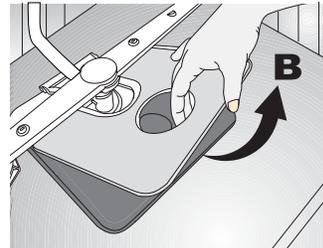
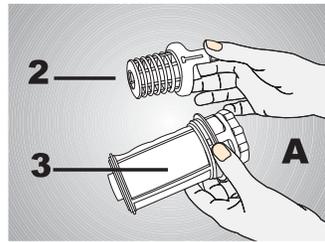
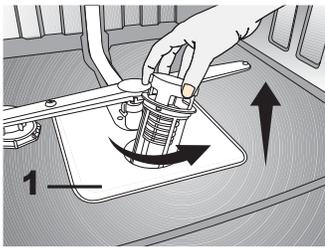
The following filters are to be cleaned:

**1** Main filter

**2** Coarse filter

**3** Micro filter

- Remove the lower rack from the machine.
- Turn the coarse filter counterclockwise to the left and pull it out in an upward direction **A**.
- Pull out the main filter **B**.
- Press on the two tabs of the coarse filter and remove the micro filter **C**.
- Clean the filters thoroughly under running water. Use a brush if necessary.
- Replace main filter.
- Replace the micro filter and the coarse filter into the main filter.
- Twist it clockwise until it clicks into place.



### ⚠ CAUTION

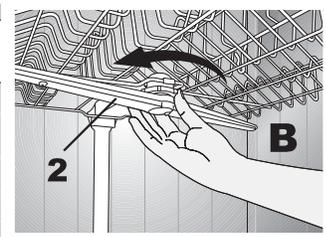
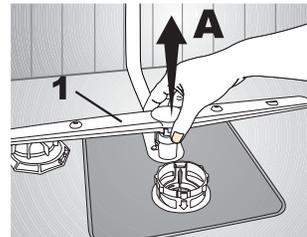
**DO NOT** operate your dishwasher without a filter. You will damage your machine. Ensure that your filters are correctly installed.

### Cleaning the Spray Arms

**1** Lower spray arm

**2** Upper spray arm

- Remove the lower rack from the machine.
- Pull off the lower spray arm in an upward direction **A**.
- Loosen the fastening screw of the upper spray arm and pull off the spray arm **B** by a downward motion.
- Clean the spray arms under running water.
- Replace the lower spray arm in a downward direction.
- Replace the upper spray arm and tighten the fastening screw by turning it around to the left.
- Insert the lower rack.



### ⚠ NOTICE

Dirt and/or calcium residue may block the nozzles on the spray arms. For this reason, regularly check the spray nozzles.

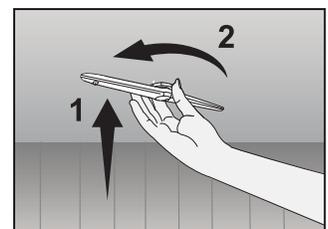
### ⚠ CAUTION

Made sure the fastening screw is tight on the upper spray arm.

Check if the holes on the top of the third spray arm are clogged. If they are clogged, remove and clean them.

To remove them, slightly push them upwards (1) and then turn clockwise (2).

To replace the impeller, seat it into its slot, push slightly upwards and turn it counter clockwise until it is securely fitted. When the impeller is released, check if it rotates without any obstruction.



## Troubleshooting

Poor wash results may not always be caused by the dishwasher. Please review the following Troubleshooting Charts for possible remedies. You may find the proper solution without having to call a service provider.

<b>Problem</b>	<b>Possible Cause and/or Remedy</b>
Dishwasher does not start	<p>Is the machine plugged in?            Are all fuses operative?            Is the water supply fully turned on?            Is the dishwasher door closed securely?            Have you pressed the On/Off button?</p>
Dishwasher starts but fails to circulate water within 5 seconds	Cancel the program by pressing the Start/Pause button for 5 seconds.
What if the “S:an” is not displayed on the screen?	Dishwasher cycle was interrupted or the water did not reach required temperature.
Door will not stay down in open position	Adjust door spring tension (custom panel models only, see Installation Guide).
Dishes are not dry	<p>Improper loading:            Load the dishwasher as suggested in this manual.</p> <p>Insufficient rinse agent supply:            Increase the dosage amount of rinse agent and/or refill the rinse agent dispenser.</p> <p>Dishes are removed too soon:            Do not empty your dishwasher immediately after washing. Open the door slightly so that the steam can escape. Begin with unloading the dishwasher when the dishes are only hand warm. Empty the lower rack first. This prevents water from dripping off dishes in the upper rack.</p> <p>Wrong program selection:            In short period programs, the wash temperature and therefore the cleaning performance is lower. Choose a program with a longer washing time.</p> <p>Washing cutlery with worn surface:            Evaporation of water is more difficult with these items.            Cutlery or dishes of this type are not suited for dishwashers.</p>
Tea, coffee, or other stains	<p>Wrong program selection:            Select a program that washes at a higher temperature or takes a longer amount of time.</p> <p>Detergent is moist or clumping in box:            Bleaches in cleaners lose their efficiency when stored under unfavorable conditions. Store detergents in a dry location. Close the lid of the container securely.</p> <p>Using cutlery with a low surface quality:            Cleaning of these items is made difficult by their poor surface structure. Cutlery or dishes of this type are not for dishwashers.</p>
Dishes break	<p>Improper loading.            Load the dishwasher as suggested in this manual.</p> <p>Overloaded racks.            Do not overload the dish rack. Dishes may hit against each other and break.</p>

## Troubleshooting

Problem	Possible Cause and/or Remedy
Dishes are not clean	<p>Improper loading: Load the dishwasher as suggested in this manual.</p> <p>Wrong program selection: Select a program that washes at a higher temperature or takes a longer amount of time.</p> <p>Spray arms are not turning: Check if the spray arms are blocked from moving freely.</p> <p>Clogged filters: Clean all filters as described in this manual.</p> <p>Filters are not placed in their proper positions: Check if all filters are placed in their proper positions.</p> <p>Spray arm nozzles are clogged: Clean the spray arms as described in this manual.</p> <p>Overloaded racks: Do not overload the racks.</p> <p>Detergent is moist or clumping in box: Store detergents in a dry location. Close the lid of the container securely.</p> <p>Too little detergent: Increase the amount of the detergent as per the program table.</p> <p>Too little rinse agent: Increase the amount of rinse agent and/or refill the rinse agent dispenser.</p> <p>The lid of the detergent dispenser remained open: Always ensure that you close the detergent dispenser lid after pouring in the detergent.</p> <p>Washing cutlery with worn surface quality: Cutlery of this type is not suited to dishwashers.</p>
Calcium streaks, misty appearance	<p>Insufficient rinse agent supply: Increase the dosage amount of rinse agent and/or refill the rinse agent dispenser.</p> <p>The hardness is not selected properly; too little salt is being used: Call water supplier and ask for local hardness in grains per gallon or ppm.</p> <p>Salt loss (models with salt container): Check whether the lid of the salt container is firmly closed. Use the funnel to pour in special salt. Begin the Rinse and Hold program right after filling in salt. After the program is complete, check whether the lid may have loosened.</p>
Fading of glasses, china, porcelain pattern	<p>Fading of decoration on glasses and porcelain: Glasses, porcelain, and cutlery of this type are not suited for the dishwasher.</p>

## Troubleshooting

Problem	Possible Cause and/or Remedy
Smell	<p>Smell of new machine: The smell of a new machine disappears after a few wash cycles with detergent.</p> <p>Filters are dirty: Clean all filters as described in this manual.</p> <p>Dirty dishes standing in the machine for a few days without being washed: Remove coarse dirt under running water and run the Rinse and Hold program every two days without detergent.</p> <p>Dirty door gasket: Regularly clean the door gasket with a damp cloth to remove food particles and other debris. Use a gentle household cleaner for the outside and the door seals, and rinse thoroughly.</p>
Milky appearance or rainbow on the glasses (glass corrosion)	<p>Excessive use of detergent when water hardness is low:</p> <ul style="list-style-type: none"> <li>•Add a smaller amount of detergent.</li> <li>•Compare the water hardness level setting on the dishwasher against the stated values from the local water supplier.</li> <li>•When water hardness is low (below 7 degree of hardness or 106 parts per million), <b>DO NOT</b> use salt even if your dishwasher has a water softener.</li> </ul>
Rust stains, destruction of the surface	<p>The lid of the salt container is not closed securely. Salt loss (models with salt container):</p> <ul style="list-style-type: none"> <li>•Salt can destroy metal surfaces and cause rust damage.</li> <li>•Check whether the lid of the salt container is firmly closed. Use the funnel to pour in special salt. Begin the Rinse and Hold program right after filling in salt. After the program is complete, check whether the lid may have loosened.</li> </ul> <p>Food leftovers are staying on the dishes for too long: Remove coarse dirt under running water and carry out the Rinse and Hold program every two days without detergent.</p> <p>The machine is not grounded properly: Check the grounding of the system. Static electricity may eat holes into metal and cause irreparable damages to surfaces.</p> <p>Cutlery parts from low-grade rust-free steel: Rust on such items cannot be avoided. Cutlery or dishes of this type are not suited for the dishwasher.</p> <p>Dish items with rust stains: Rusty dishes may "infect" other items. Cutlery or dishes of this type are not suited for the dishwasher.</p>
Water remains inside the machine after the rinse cycle.	<p>Clean all filters as described in this manual. Ensure that the drain hose is properly placed and open.</p>
Foam	<p>The dishes are pre-washed by hand with a large amount of dish detergent: Dishes do not need to be pre-washed. Coarse dirt may be removed with a dishcloth, or you may hold the dishes under running water.</p> <p>Rinse agent has accidentally leaked into the machine: If rinse agent has been spilled during refilling, remove the agent using a paper cloth or sponge.</p> <p>The cover of the rinse agent dispenser is not closed securely: Always take care to ensure that the lid is closed after refilling the rinse agent dispenser.</p>

## Troubleshooting

Problem	Possible Cause and/or Remedy
<p>Detergent residue remains in the dispenser.</p>	<p>Moisture in the detergent dispenser. Ensure that the detergent dispenser is dry before filling it.</p> <p>Detergent stays in the dispenser for too long. Pour the detergent in just before washing.</p> <p>The lid of the detergent dispenser does not open. When loading the dishwasher, take care to ensure that you do not accidentally block detergent cup with large dishware or utensils.</p> <p>Detergent is moist or clumping in box. Store detergents in a dry location. Close the lid of the container carefully.</p> <p>Spray arm nozzles are clogged. Clean the spray arms as described in this manual.</p> <p>Spray arms are blocked by dishware. Make sure spray arms rotate freely.</p> <p>Was the cycle terminated early? Terminating the cycle early can leave detergent residue in the dispenser.</p>
<p>Scratched dishes</p>	<p>Dish items/parts made from aluminum: Dishes and cutlery of this type are not suited for the dishwasher.</p> <p>The lid of the salt container is not closed securely. Salt loss (models with salt container): Check whether the lid of the salt container is firmly closed. Use the funnel to pour in special salt. Begin the Rinse and Hold program right after filling in salt. After the program is complete, check whether the lid may have loosened.</p> <p>The hardness is not selected properly; too little salt is being used: Call water supplier and ask for local hardness in grains per gallon or ppm. Adjust the water hardness level setting accordingly.</p> <p>Detergents are being stored under unfavorable conditions: Detergents should not be stored longer than two months in open packages. Store detergents in a dry location. Close the lid of the container carefully.</p> <p>Overloaded racks: Take care to ensure that individual glasses and dishes do not touch. They may hit against each other during the washing process, causing scratches.</p>

## Service Information

If service is required, call your dealer or authorized service agency.  
The name of the authorized service agency can be obtained from the dealer or distributor in your area.

Have the following information readily available.

- Model number
- Serial number
- Date purchased
- Name of dealer from whom purchased

Clearly describe the problem that you are having. If you are unable to obtain the name of an authorized service agency, or if you continue to have service problems, contact Viking Range, LLC at 1-888-845-4641, or write to:

**VIKING RANGE, LLC  
PREFERRED SERVICE  
111 Front Street  
Greenwood, Mississippi 38930 USA**

Record the information indicated below. You will need it if service is ever required. The model and serial numbers are located on an identification label attached to the left side of the tank. For access, simply open the door of the dishwasher.

Model no. \_\_\_\_\_ Serial no. \_\_\_\_\_

Date of purchase \_\_\_\_\_ Date installed \_\_\_\_\_

Dealer's name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

If service requires installation of parts, use only authorized parts to insure protection under the warranty.

**Keep this manual for future reference.**

# Warranty

## BUILT-IN DISHWASHERS WARRANTY ONE YEAR FULL WARRANTY

Built-in dishwashers and all of their component parts, except as detailed below\*,†, are warranted to be free from defective materials or workmanship in normal residential use for a period of one (1) year from the date of original retail purchase. Viking Range, LLC, warrantor, agrees to repair or replace, at its option, any part which fails or is found to be defective during the warranty period.

**\*FULL NINETY (90) DAY COSMETIC WARRANTY:** Product is warranted to be free from cosmetic defects in materials or workmanship (such as scratches on stainless steel, paint/porcelain blemishes, etc.) for a period of ninety (90) days from the date of original retail purchase or closing date for new construction, whichever period is longer. Any defects must be reported to the selling dealer within ninety (90) days from date of original retail purchase. Viking Range, LLC uses high quality processes and materials available to produce all color finishes. However, slight color variation may be noticed because of the inherent differences in painted parts and porcelain parts as well as differences in kitchen lighting, product locations, and other factors. Therefore, this warranty does not apply to color variation attributable to such factors.

**†FULL NINETY (90) DAY WARRANTY IN "RESIDENTIAL PLUS" APPLICATIONS:** This full warranty applies to applications where use of the product extends beyond normal residential use, but the warranty period for products used in such applications is ninety (90) days. Examples of applications covered by this warranty are bed and breakfasts, fire stations, private clubs, churches, yachts, etc. Under this "Residential Plus" warranty, the product, its components and accessories are warranted to be free from defective material or workmanship for a period of ninety (90) days from the date of original retail purchase. This warranty excludes use of the product in all commercial locations such as restaurants, food service locations and institutional food service locations.

## FIVE YEAR LIMITED WARRANTY ON NYLON RACKS, ELECTRONIC CONTROLS, MOTOR/PUMP ASSEMBLY, AND WATER DISTRIBUTION SYSTEM COMPONENTS

Any upper and/or lower nylon rack which rusts through due to defective materials or workmanship and any electronic controls which fail due to defective materials or workmanship in normal household use during the fourth through fifth year from the date of original retail purchase will be repaired or replaced, free of charge for the part itself, with the owner paying all other costs, including labor. Any motor/pump assembly or water distribution system component as listed below which fails due to defective materials or workmanship in normal household use during the fourth through fifth year from the date of original retail purchase will be repaired or replaced, free of charge for the part itself, with the owner paying all other costs, including labor.

### Motor/Pump and Water Distribution System Components:

Circulation motor/pump  
Lower wash arm  
Drain motor/pump  
Tube to upper wash arm  
Fill valve  
Upper wash arm  
Diverter

## LIFETIME LIMITED WARRANTY ON STAINLESS STEEL TANK AND LINER

Any stainless steel tank or inner door liner which develops a water leak due to defective materials or workmanship in normal household use during the lifetime of the product will be repaired or replaced, free of charge for the part itself, with the owner paying all other costs, including labor. This warranty excludes surface corrosion or rust, scratches, discoloration, water or atmospheric conditions, or cleaning practices which are part of normal residential use.

## TERMS AND CONDITIONS

This warranty extends to the original purchaser of the product warranted hereunder and to each transferee owner of the product during the term of the warranty and applies to products purchased and located in the United States, Canada, Mexico and the Caribbean (excluding the Dominican Republic, Cuba, and Haiti). Products must be purchased in the country where service is requested. If the product or one of its component parts contains a defect or malfunction during the full warranty period after a reasonable number of attempts by the warrantor to remedy the defect or malfunction, the owner is entitled to either a refund or replacement of the product or its component part or parts.

Replacement of a component part includes its free installation, except as specified under the limited warranty. Under the terms of this warranty, service must be performed by a factory authorized Viking Range, LLC service agent or representative. Service will be provided during normal business hours, and labor performed at overtime or premium rates shall not be covered by this warranty.

Owner shall be responsible for proper installation, providing reasonable and necessary maintenance, providing proof of purchase upon request, and making the appliance reasonably accessible for service. The return of the Owner Registration Card is not a condition of warranty coverage. You should, however, return the Owner Registration Card so that Viking Range, LLC can contact you should any question of safety arise which could affect you.

This warranty gives you specific legal rights, and you may also have other rights which may vary from jurisdiction to jurisdiction.

**WHAT IS NOT COVERED BY THIS WARRANTY:** This warranty shall not apply to damage resulting from abuse, failure to provide reasonable and necessary maintenance, accident, delivery, negligence, natural disaster, loss of electrical power to the product for any reason, alteration, outdoor use, improper installation, improper operation, or repair or service of the product by anyone other than an authorized Viking Range, LLC service agency or representative. This warranty does not apply to commercial usage.

## LIMITATION OF REMEDIES AND DURATION OF IMPLIED WARRANTY

OWNER'S SOLE AND EXCLUSIVE REMEDY FOR A CLAIM OF ANY KIND WITH RESPECT TO THIS PRODUCT SHALL BE THE REMEDIES SET FORTH ABOVE. VIKING RANGE, LLC IS NOT RESPONSIBLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGE, INCLUDING BUT NOT LIMITED TO FOOD OR MEDICINE LOSS, DUE TO PRODUCT FAILURE, WHETHER ARISING OUT OF BREACH OF WARRANTY, BREACH OF CONTRACT OR OTHERWISE. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusions may not apply to you. Any implied warranties of merchantability or fitness for a particular purpose applicable to this product are limited in duration to the period of coverage of the applicable express written limited warranties set forth above. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

## WARRANTY SERVICE

To obtain warranty service, contact an authorized service agent, or Viking Range, LLC, 111 Front Street, Greenwood, Mississippi 38930, (888) 845-4641. Provide model and serial number and date of original purchase or closing date for a new construction. For the name of your nearest authorized Viking Range, LLC service agency, call Viking Range, LLC.

**IMPORTANT:** Retain proof of original purchase to establish warranty period.

Specifications subject to change without notice.

Viking Range, LLC  
111 Front Street  
Greenwood, Mississippi 38930 USA  
(662) 455-1200

For more product information, call 1-888-845-4641  
or visit our web site at [www.vikingrange.com](http://www.vikingrange.com) in the US  
or [brigade.ca](http://brigade.ca) in Canada