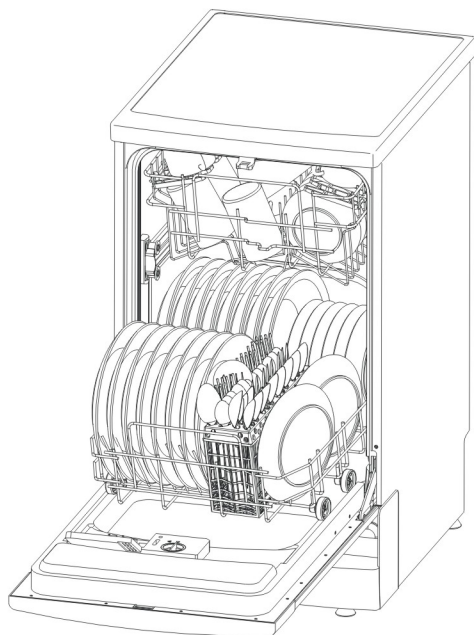


Dishwashers

Instruction Manual

VFD1SS
60cm Dishwasher





Read this Manual

This manual contains sections of Safety Instructions, Operating Instructions, Installation Instructions and Troubleshooting Tips etc. Carefully reading it before using the dishwasher will help you to use and maintain the dishwasher properly.



Before Calling for Service

Reviewing the section on Troubleshooting Tips will help you to solve some common problems by yourself and avoiding the need to ask for the help of professional technicians.



NOTE:

The manufacturer, following a policy of constant development and up-dating of the product, may make modifications without giving prior notice.

Safety Information2

Operating Instructions

Control Panel	3
Dishwasher Features	3
Wash Cycle Table	4
Detergent	5
Rinse Aid	5,6
Loading the Dishwasher Basket	6,7
Turning On the Appliance	7
Filtering System	8
Caring for the Dishwasher	8,9
Warranty	14

Installation instruction

About Electrical connection	10
Water Connection	11
Dimensions	11

Troubleshooting Tips

Before calling for service.	12,13
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IMPORTANT SAFETY INFORMATION READ ALL INSTRUCTIONS BEFORE USING

⚠ WARNING!

When using your dishwasher, follow the basic precautions including the following:



EARTHING INSTRUCTIONS

- This appliance must be earthed. In the event of a malfunction or breakdown, earthing will reduce the risk of electric shock by providing a path of least resistance of electric current. This appliance is equipped with a cord having an earth plug. The plug must be plugged into an appropriate outlet that is installed and earthed in accordance with all local codes and ordinances.

⚠ WARNING!

- Improper connection of the equipment–earthing conductor could result in an electric shock. Check with a qualified electrician or service representative if you are in doubt whether the appliance is properly earthed. Do not modify the plug provided with the appliance.

If it is not fit for the outlet, have a proper outlet installed by a qualified electrician.



WARNING! PROPER USE

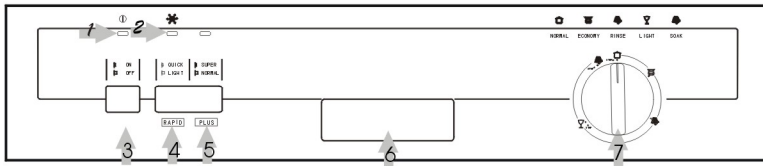
- Do not abuse, sit on, or stand on the door or basket of the dishwasher. The appliance could tip forward.
- Do not wash plastic items unless they are marked dishwasher safe or equivalent. For plastic items that have no markings, check the manufacturer's recommendations.
- Use only detergent and rinse additives designed for an automatic dishwasher. Never use soap, laundry detergent, or hand washing detergent in your dishwasher.
- Keep children away from detergent and rinse aid, keep children away from the open door of the dishwasher, as there could still be some detergent left inside.
- The door should not be left in the open position as this could present a tipping hazard.
- Do not tamper with controls.
- The appliance is not intended for use by young children or infirm persons without supervision.
- Dishwasher detergents are strongly alkaline, they can be extremely dangerous if swallowed. Avoid contact with skin and eyes and keep children away from the dishwasher when the door is open.
- Do not place any heavy objects on the door when it is open.
- When loading items to be washed:
 - 1) Locate sharp items so that they are not likely to damage the door seal;
 - 2) Load sharp knives with the handles up to reduce the risk of injuries.
- If the power cord is damaged, it must be replaced by an authorised service agent or a similarly qualified person.
- Please dispose of packing materials properly.
- Use the dishwasher only for its intended function.
- Young children should be supervised to ensure that they do not play with the appliance.
- Check that the detergent dispenser is empty after completion of the wash cycle.

READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY
SAVE THESE INSTRUCTIONS

IMPORTANT!

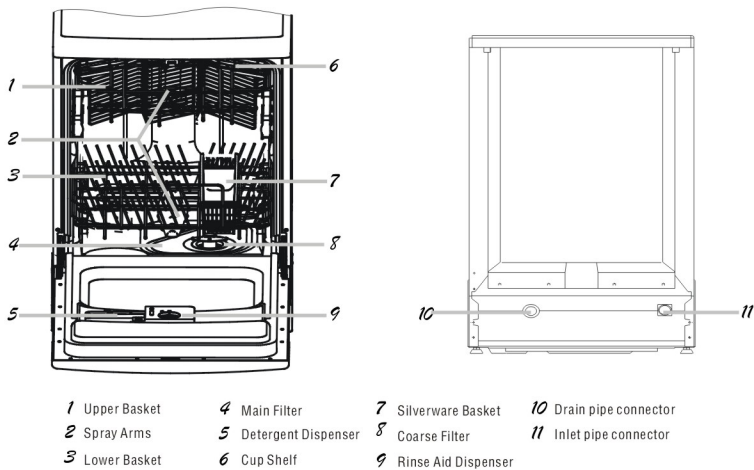
To get the best performance from your dishwasher, read all operating instructions before using it for the first time.

Control Panel



- 1 Power/ON Light: To come on when the ON/OFF Button is pressed down.
- 2 Rinse Aid Warning Light: To come on when rinse aid needs to be refilled (Certain model only).
- 3 ON/OFF Button: To turn on/off the power supply.
- 4 Rapid Button: Only used with cycle "▽".
- 5 Plus Button: Only used with cycle "□".
- 6 Door Handle: Pull it to open the door.
- 7 Washing Program Selector: Turn the knob clockwise to select wash cycles.

Dishwasher Features



- | | | | |
|----------------|-----------------------|-----------------------|-------------------------|
| 1 Upper Basket | 4 Main Filter | 7 Silverware Basket | 10 Drain pipe connector |
| 2 Spray Arms | 5 Detergent Dispenser | 8 Coarse Filter | 11 Inlet pipe connector |
| 3 Lower Basket | 6 Cup Shelf | 9 Rinse Aid Dispenser | |

Wash Cycle Table

Program	Cycle	INTENSIVE Button	Rapid Button	Cycle Selection Information	Description of Cycle	Detergent pre/main	Rinse Aid
Normal	 Normal Wash			For normal loads, such as pots, plates, glasses and lightly soiled pans. Standard daily cycle.	Pre-rinse Pre-rinse Wash (52 °C) Rinse (70 °C) Drying	5/22 gr.	★
Intensive	 Normal Wash	★		For the heaviest soiled loads, such as pots, pans, casserole dishes and dishes that have been sitting with dried food on them for a while.	Pre-rinse Pre-rinse (52 °C) Wash (60 °C) Rinse Rinse (70 °C) Drying	5/22 gr.	★
Economy	 Light Wash			For lightly soiled loads, such as plates, glasses, bowls and lightly soiled pans.	Wash (52 °C) Rinse (70 °C) Drying	22 gr.	★
Rinse	 Rinse			For dishes that need to be rinsed and dried only.	Rinse (70 °C) Drying		★
Light	 Glassware			For lightly soiled loads, such as glasses, crystal and fine china.	Wash (52 °C) Rinse (62 °C) Drying	15 gr.	
Soak	 Soak			To rinse dishes that you plan to wash later that day.	Pre-rinse		

Wash Cycle Adjustment Buttons

Intensive Button

This button (see "Control panel") is used with the normal cycle in cases where pots and pans are heavily soiled. This is not recommended for delicate items as the high temperature could make their surface opaque or lighten decorative colors after repeated washing.

Half Load Button

To select half load washing.
(Optional half load washing means that the lower spray arm does not run, so you should load the upper basket only)

Overfill Protection

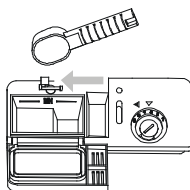
Your dishwasher has an overfill protection device which automatically shuts off the inlet valve and starts the drain pump if the water level in the unit is detected to be above the normal level. If this occurs, turn off the main water supply before calling for a service agent. If there is water in the base pan because of an overfill or small leak, the water should be removed before restarting the dishwasher.

DETERGENT DISPENSER

The dispenser must be refilled before the start of each wash cycle following the instructions provided in the "Wash Cycle Table". Your dishwasher uses less detergent and rinse aid than conventional dishwashers. Generally, only one tablespoon of detergent is needed for a normal wash load. Also, more heavily soiled items need more detergent. Always add the detergent just before starting dishwasher, otherwise it could get damp and will not dissolve properly.

Amount of Detergent to Use

IF THE WATER ISN'T TOO HARD, YOU MAY ALSO PREVENT THE FORMATION OF DEPOSITS BY ADDING DETERGENT. The amount of detergent needed can vary due to differences in water hardness. To determine the water hardness in your area, contact your local water utility. The harder the water, the more detergent you may need. Remember, you should adjust the amount of detergent you use by small amounts until you find the correct amount.



⚠ WARNING!

Dishwasher detergent is corrosive! Take care to keep it out of reach of children.

Removing Hard Water Spots

To remove hard water spots, try the following:

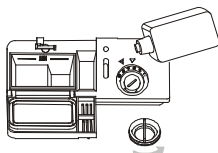
- Run dishes through a normal wash program.
- Remove all metal dishware, such as cutlery, pans, etc., from the dishwasher.
- Do not add detergent.
- Pour two cups of vinegar into a bowl and set the bowl face up on the lower rack of the dishwasher.
- Run the dishes through a normal wash program.

If this doesn't work, try the same process with 1 / 4 cup of citric acid crystals instead of vinegar.

Proper Use of Detergent

Use only detergent specifically made for use in dishwashers. Keep your detergent fresh and dry. Don't put powder detergent into the dispenser until you're ready to wash dishes.

RINSE AID DISPENSER



- To open the rinse aid dispenser, turn the cap to the "open" (left) arrow and lift it out.
- Pour the rinse aid into the dispenser, being careful not to overflow.
- Replace the cap by inserting it aligned with "open" arrow and turning it to the "closed" (right) arrow.

The rinse aid is released during the final rinse to prevent water from forming droplets on your dishes that can leave spots and streaks. It also improves drying by allowing water to "sheet" off the dishes.

Your dishwasher is designed to use liquid rinse aid. The rinse aid dispenser is located inside the door next to the detergent dispenser. To fill the dispenser, open the cap and pour the rinse aid into the dispenser until the level indicator turns completely black. The dispenser holds about 100 ml of liquid rinse aid.

Be careful not to overflow the dispenser, because this could cause oversudsing. Wipe away any spills with a damp cloth. Don't forget to replace the cap before you close the dishwasher door.

If you have soft water, you may not need rinse aid as it may cause a white film to develop on your dishes.

Adjusting Rinse Aid Dispenser



A measured amount of rinse aid is released during the final rinse. As with detergent, the amount of rinse aid needed for your dishes depends on the hardness of the water in your area. Too much rinse aid can result in foaming and cause cloudiness or streaks on your dishes. If the water in your area is very soft, you may not need rinse aid. If you do, you can dilute the rinse aid with an equal amount of water.

The rinse aid dispenser has six settings. Always start with the dispenser set on "1". If spots and poor drying is evident, increase the amount of rinse aid dispensed by removing the dispenser lid and rotating the dial to "2". If the dishes are still not drying properly, adjust the dial to the next higher number until your dishes are spot-free.

NOTE: Please read notes regarding detergents on page 13 of this manual.

When to Refill the Rinse Aid Dispenser

If there is no rinse aid warning light in the control panel, you can judge the amount of rinse aid by the following means. The black dot on the rinse aid dispenser indicates the amount of rinse aid in the dispenser. As the rinse aid diminishes, the size of the black dot decreases. You should never let the rinse aid get below 1 / 4 full.



As the rinse aid diminishes, the size of the black dot on the rinse aid level indicator changes, as illustrated below.

- Full
- 3 / 4 full
- 1 / 2 full
- 1 / 4 full – Should refill to eliminate spotting
- Empty

Loading the Dishwasher Racks.

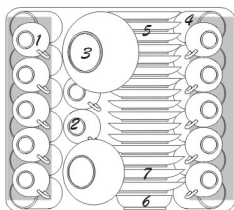
For best performance of the dishwasher, follow these loading guidelines. Features and appearance of racks and silverware baskets may vary from your model. This dishwasher is suitable for 12 place settings.

How to use the Upper Rack

The upper rack is designed to hold more delicate and lighter dishware such as glasses, coffee and tea cup and saucers, as well as plates, small bowls and shallow pans (as long as they are not too dirty).

Position the dishes and cookware so that they do not get moved by the spray of water.

The upper rack can be adjusted for height by putting wheels of different height into the rails.



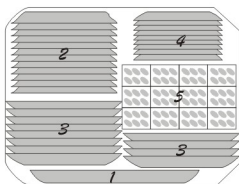
- 1 Cups
- 2 Small serving bowl
- 3 Large serving bowl
- 4 Glasses
- 5 Saucers
- 6 Dish
- 7 Plates

How to use the Lower Rack

We recommend that you place large items which are most difficult to clean into the lower rack: pots, pans, lids, serving dishes and bowls, as shown in the figure to the right.

It is preferable to place serving dishes and lids on the side of the racks in order to avoid blocking the rotation of the top spray arm.

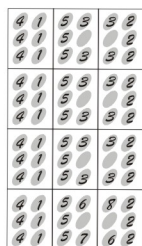
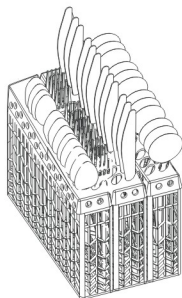
- Pots, serving bowls, etc. must always be placed top down.
- Deep pots should be slanted to allow water to flow out.
- The bottom rack feature fold down tine rows so that larger or more pots and pans can be loaded.



- 1 Oval platter
- 2 Dinner plates
- 3 Soup plates
- 4 Dessert dishes
- 5 Silverware basket

CUTLERY BASKET

Cutlery should be placed in the cutlery basket with handles at the bottom. Especially long utensils should be placed in the horizontal position at the front of the upper rack.



- | | |
|------------------|------------------|
| 1 Forks | 5 Knives |
| 2 Soup spoons | 6 Serving spoons |
| 3 Dessert spoons | 7 Gravy ladle |
| 4 Teaspoons | 8 Serving fork |



⚠ WARNING!

Do not let any items extend through the bottom of the basket.

Turning on the Appliance

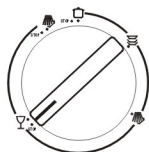
Starting a wash cycle. . .

- 1 Make sure that the appliance is plugged into the power socket.
- 2 Make sure that the water supply is turned on.
- 3 Load the dishwasher (see the section entitled, "Loading the Dishwasher").
- 4 Pour in the detergent (see the section entitled, "Detergent and Rinse Aid").
- 5 Turn the knob located on the right of the control panel in the clockwise direction until the number or the symbol for the cycle setting is aligned with the reference mark (see the section entitled, "Wash Cycle Table").
- 6 Press the ON button, and the ON/OFF light will come on. At this point, the wash cycle will begin.

Cancelling or modifying a wash cycle setting. . .

A cycle that is underway can only be modified if it has been running for a short time. Otherwise, the detergent may have already been released, and the appliance may have already drained the wash water. If this is the case, the detergent dispenser must be refilled (see the paragraph entitled "Loading the Detergent"). Press the ON/OFF button, and the ON light will turn off. Rotate the knob in the clockwise direction to the desired cycle setting (see the section entitled, "Starting a wash cycle. . ."). Then, turn the dishwasher back on using the ON/OFF button.

At the End of the Wash Cycle



When the knob stops turning and is aligned with the STOP position (see figure), the cycle has finished. Turn off the appliance using the ON/OFF button, and open the door of the dishwasher. Wait a few minutes before unloading the dishwasher to avoid handling the dishes and utensils while they are still hot and more susceptible to breakage. They will also dry better.

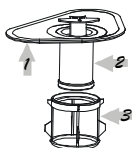
Forget to Add a Dish?

A forgotten dish can be added any time before the detergent dispenser opens.

- 1 Pull the door handle.
- 2 Do not fully open the door until the water spray action stops. Steam may rise out of the dishwasher.
- 3 Add forgotten dishes.
- 4 Close the door properly.

Filtering System

For your convenience, we have placed the drain pump and filtering system within easy reach inside the tank. There are three components of the filtering system: the main filter, the coarse filter, and the fine filter.



- 1 Main filter**
Food and soil particles trapped by this filter are pulverized by a special jet on the lower spray arm and washed down the drain.
- 2 Coarse filter**
Larger items, such as pieces of food or bone, that could clog the drain are trapped in the coarse filter. To remove an item caught in this filter, gently squeeze the tabs on top of this filter and lift it out.
- 3 Fine filter**
This filter holds soil residue in the sump area and prevents it from being redeposited on the dishes during a cycle.

Caring for the Dishwasher

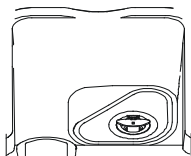
To clean the control panel use a soft, damp cloth then dry thoroughly. To clean the exterior use a good appliance polish wax.

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

Cleaning the Spray Arms

It is necessary to clean the spray arms regularly. To remove the spray arm, screw off the nut to take out the washer on top of the spray arm and remove the arm. Wash the arms in soapy warm water and use a soft brush to clean the jets. Replace them after rinsing thoroughly.

Cleaning the Filters



Filter assembly

For best performance and results, the filter assembly must be cleaned.

The filter efficiently removes food particles from the wash water, allowing it to be recirculated during the cycle. For this reason, it is a good idea to remove the large food particles trapped in the filter after each wash cycle by rinsing the semicircular filter and cup under running water. To remove the filter assembly, pull on the cup handle in the upward direction. The entire filter assembly should be cleaned at least once a month.

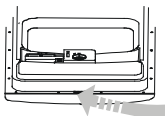
To clean the coarse filter and the fine filter, use a cleaning brush. Then, reassemble the filter parts as shown in the figures and reinsert the entire assembly in the dishwasher, positioning it pressing downward.

The dishwasher must never be used without the filters. Improper replacement of the filter may reduce the performance level of the appliance and damage dishes and utensils.

▲ **WARNING!**

Never run the dishwasher without the filters in place.

Cleaning the Door



To clean the edge around the door, you should use only a soft warm, damp cloth. To prevent penetration of water into the door lock and electrical components, do not use a spray cleaner of any kind.

Also, never use abrasive cleaners or scouring pads on the outer surfaces because they will scratch the finish. Some paper towels can also scratch or leave marks on the surface.

▲ WARNING!

Never use a spray cleaner to clean the door panel as it could damage the door lock and electrical components. It is advisable not to use an abrasive agent or some types of paper towel because of the risk of scratching or leaving spots on the stainless steel surface.

Caring for your dishwasher

■ **After Every Wash**

After every wash, turn off the water supply to the appliance and leave the door slightly ajar so that moisture and odors are not trapped inside.

■ **Remove the Plug**

Before cleaning or performing maintenance, always remove the plug from the socket.

■ **No Solvents or Abrasive Cleaning**

To clean the exterior and rubber parts of the dishwasher, do not use solvents or abrasive cleaning products.

Rather, use only a cloth and warm soapy water.

To remove spots or stains from the surface of the interior, use a damp cloth and a little white vinegar, or a cleaning product made specifically for dishwashers.

■ **When You Go on Holiday**

When you go on holiday, it is recommended that you run a wash cycle with the dishwasher empty and then remove the plug from the socket, turn off the water supply and leave the door of the appliance slightly ajar. This will help the seals last longer and prevent odors from forming within the appliance.

■ **Moving the Appliance**

If the appliance must be moved, try to keep it in the vertical position. If absolutely necessary, it can be positioned on its back.

■ **Seals**

One of the factors that cause odors to form in the dishwasher is food that remains trapped in the seals. Periodic cleaning with a damp sponge will prevent this from occurring.

About Electrical Connection

⚠ CAUTION, for personal safety:

DO NOT USE AN EXTENSION CORD OR AN ADAPTER PLUG WITH THIS APPLIANCE.

DO NOT, UNDER ANY CIRCUMSTANCES, CUT OR REMOVE THE EARTH PIN FROM THE PLUG.

Electrical Requirements

This dishwasher is designed for operation on an adequately wired individual 220~240VAC, 50HZ. Use a 10 amp plug. A time delay fuse or circuit breaker is recommended as well as providing a separate circuit serving only this appliance. Outlet should be placed in adjacent cabinet.

Electrical Connection

⚠ Ensure proper earth exists before use

After making sure that the voltage and the frequency values for the current in the home correspond to those on the rating plate and that the electrical system is sized for the maximum voltage on the rating plate, insert the plug into an electrical socket which is earthed properly. If the electrical socket to which the appliance must be connected is not appropriate for the plug replace the plug rather than using an adaptor as it could cause overheating and burns.

Cold Water Connection



Connector

Connect the cold water supply hose to a threaded 3/4" connector and make sure that it is fastened tightly in place.

If the water pipes are new or have not been used for an extended period of time, let the water run to make sure that the water is clear and free of impurities. If this precaution is not taken, there is a risk that the water inlet can get blocked and damage the appliance.

This dishwasher is suitable for connection to cold water only.

Min water pressure: 0.04 Mpa

Max water pressure: 1.00 Mpa

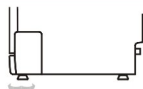
This appliance is to be connected to the water mains using new hose-sets.

Old hose-sets should not be reused.

Positioning the Appliance

Position the appliance in the desired location. Do not position the dishwasher on carpet. The back should rest against the wall behind it, and the sides, along the adjacent cabinets or wall. The dishwasher is equipped with water supply and drain hoses that can be positioned to the right or the left to facilitate proper installation.

Levelling the Appliance

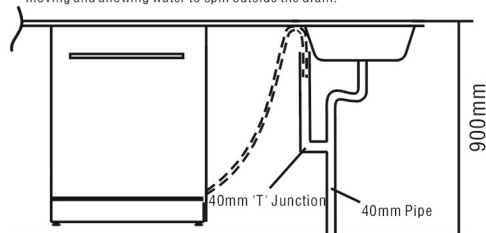


Once the appliance is positioned, adjust the feet (screwing them in or out) to adjust the height of the dishwasher, making it level. In any case, the appliance should not be inclined more than 2°.

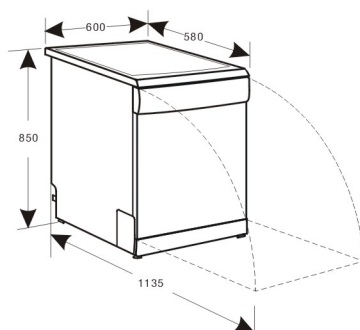
Drain hose Connection

Insert the drain hose into a drain pipe with a minimum diameter of 4cm, making sure to avoid bending or crimping it. Use the special plastic support that comes with the appliance. The outlet of the hose must be at a height of 900mm and must not be immersed in water.

ATTENTION: The special plastic hose support must be solidly fastened to the wall to prevent the drain hose from moving and allowing water to spill outside the drain.



DIMENSIONS(mm)



Before Calling for service . . .

Troubleshooting Tips

Reviewing the charts on the following pages may eliminate the need to call for service.



<i>Problem</i>	<i>Possible Causes</i>	<i>What To Do</i>
<i>Dishwasher doesn't run</i>	Fuse blown, or the circuit breaker activated.	Replace fuse or reset circuit breaker. Remove any other appliances sharing the same circuit with the dishwasher.
	Power supply is not turned on	Make sure the dishwasher is turned on and the door is closed securely. Make sure the power cord is properly plugged into the wall socket.
	Water pressure is low	Check that the water supply is connected properly and the water is turned on.
<i>Drain pump doesn't stop</i>	Overflow	The system is designed to detect an overflow. When it does, it shuts off the circulation pump and turns on the drain pump.
<i>Noise</i>	Some audible sounds are normal	Sound from the wash action or detergent dispenser opening is normal. Ensure everything is secured in the dishwasher.
	Utensils are not secure in the baskets or something small has dropped into the basket	Ensure everything is secured in the dishwasher.
	Motor hums	Dishwasher has not been used regularly. If you do not use it often, remember to set it to fill and pump out every week, which will help keep the seal moist.
<i>Suds in the tub</i>	Improper detergent	Use only the special dishwasher detergent to avoid suds. If this occurs, open the dishwasher and let suds evaporate. Add 4.5 litres of cold water to the tub. Close the dishwasher, then drain out the water by slowly turning the dial until a drain cycle is reached. Repeat if necessary.
	Spilled rinse agent	Always wipe up rinse agent spills immediately.
<i>Stained tub interior</i>	Detergent with colorant was used	Make sure that the detergent is one without colorant.
<i>Dishes are not dried</i>	Rinse agent dispenser is empty	Make sure that the rinse agent dispenser is filled.
<i>Dishes not clean</i>	Improper program	Select stronger program
	Improper rack loading	Make sure that the action of the detergent dispenser and spray arms are not blocked by large dishware.
<i>Spots and filming on glasses and flatware</i>	1 Extremely hard water 2 Low inlet temperature 3 Overloading the dishwasher 4 Improper loading 5 Old or damp powder detergent 6 Empty rinse agent dispenser 7 Incorrect dosage of detergent	• To remove spots from glassware: 1 Take all metal utensils out of the dishwasher. 2 Do not add detergent. 3 Choose the longest cycle. 4 Start the dishwasher and allow it to run for about 18 to 22 minutes, then it will be in the main wash. 5 Open the door to pour 2 cups of white vinegar into the bottom of the dishwasher. 6 Close the door and let the dishwasher complete the cycle. If the vinegar does not work: Repeat as above, except use 1/4 cup (60 ml) of citric acid crystals instead of vinegar.

Before calling for service . . .

Problem	Possible Causes	What To Do
Cloudiness on glassware	Combination of soft water and too much detergent	Use less detergent if you have soft water and select a shorter cycle to wash the glassware and to get them clean.
Yellow or brown film on inside surfaces	Tea or coffee stains	Use a solution of 1/2 cup of bleach and 3 cups warm water to remove the stains by hand. ▲ WARNING You have to wait for 20 minutes after a cycle to let the tank cool down before cleaning the interior; This will prevent scalding.
White film on inside surface	Hard water minerals	To clean the interior, use a damp sponge with dishwasher detergent and wear rubber gloves. Never use any other cleaner than dishwasher detergent otherwise,you run the risk of foaming.
Detergent dispenser lid won't close	Dial is not in the OFF position	Turn the Dial to OFF position and close detergent cup lid.
Detergent left in dispenser	Dishes block detergent dispenser	Re-load the dishes properly.
Steam	Normal phenomenon	There will be some steam coming through the vent by the door latch during drying and water draining.
Black or gray marks on dishes	Aluminum utensils have rubbed against dishes	If appropriate,use a mild abrasive cleaner to eliminate those marks.
Water remaining in the bottom of the tank	This is normal	A small amount of clean water around the bottom of the tank keeps the water seal lubricated.
Dishwasher leaks	Overfill dispenser or rinse aid spills	Be careful not to overfill the rinse aid dispenser. Spilled rinse aid could cause oversudsing and lead to overflowing. Wipe away any spills with a damp cloth.
	Dishwasher isn't level	Make sure the dishwasher is level.

NOTE:Your dishwasher is equipped with an adjustable rinse aid dispenser , using approved detergents,rinse aid will give the best possible results once the level has been adjusted to suit the water composition in your area. Using Two-in-one tablets may not give the best possible results when used in your appliance,and may not be suitable for the type of water supply in your home,as they contain pre-determined quantities of, rinse aid and detergent and cannot be adjusted to the individual requirements. Although these types of detergents are suitable in some circumstances we suggest that you contact the manufacturer of the detergents before use or if you experience poor results in the wash performance and ask the detergent manufacturer's advice.

Do not use both tablets and separate detergents as this will result in massive overdosing.