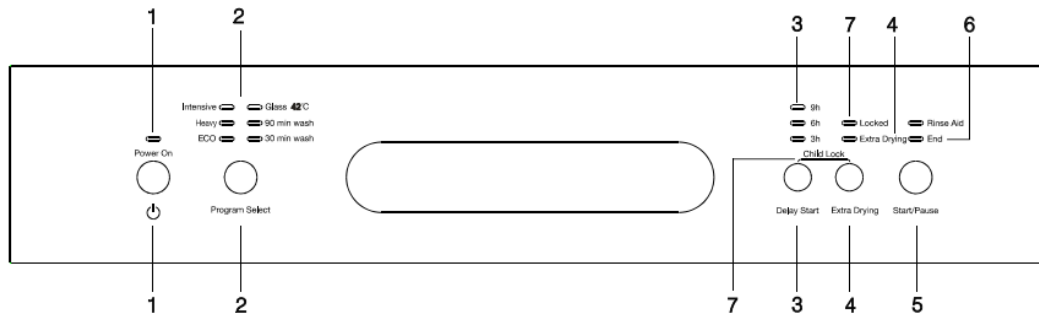


Operation Instruction

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

Control Panel



1---Power button and indicator: to switch On/Off the appliance and to show when the power on.

2---Program button and indicators : to press the button to select a wash program, and the indicator to show which wash program you have chose.

3---Delay button and indicators: to show the delay time (3h/6h/9h)

4---Extra dry Button: Press the button to select the Extra dry function.

5---Start /Pause Button: To start the selected washing program or pause the washing program when the machine is working.

6---Cycle finish and rinse aid warning lights: To show when the washing program is finished, the dispenser need to be refilled.

7---Attention: 

Child lock function: press delay button and Half load functions Button simultaneously to lock the p.ogram.

Dishwasher Features

Front view



Back View



- | | | |
|-----------------------|---------------------|-------------------------------|
| 1 Upper Basket | 4 Dispenser | 7 Filter assembly |
| 2 Inner pipe | 5 Cup Shelf | 8 Inlet pipe connector |
| 3 Lower Basket | 6 Spray arms | 9 Drain pipe |

Prior to using for the first time

Before using your dishwasher for the first time:



A.Fill the rinse aid dispenser

B.Fill in detergent

A. Rinse Aid Dispenser

Rinse Aid Dispenser

The rinse aid is released during the final rinse to prevent water from forming droplets on your dishes, which can leave spots and streaks. It also improves drying by allowing water to roll off the dishes. Your dishwasher is designed to use liquid rinse aids. 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 volume of the rinse aid container is about 110ml.

Function of Rinse Aid

Rinse aid is automatically added during the last rinse, ensuring thorough rinsing, and spot and streak free drying.

Attention!

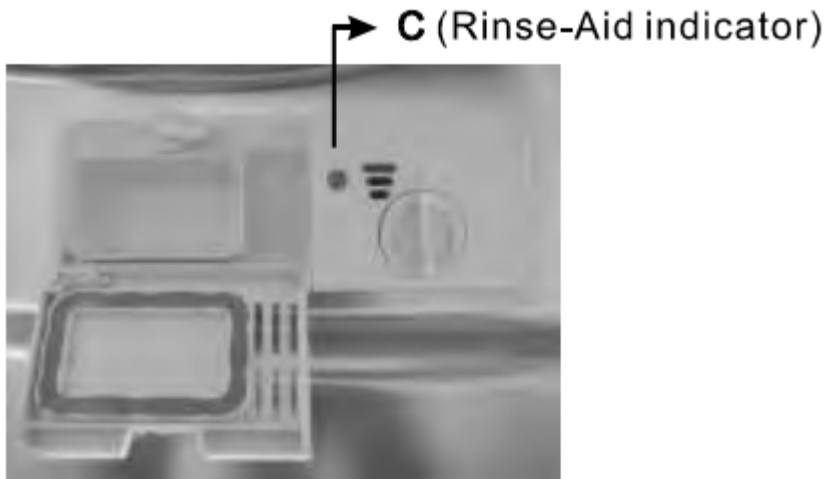
Only use branded rinse aid for dishwasher. Never fill the rinse aid dispenser with any other substances (e.g. Dishwasher cleaning agent, liquid detergent). This would damage the appliance.

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 color of the optical level indicator "C" located next to the cap. When the rinse-aid container is full, the whole indicator will be dark .As the rinse-aid diminishes, the size of the dark 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

How to fill the Rinse Aid Dispenser



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

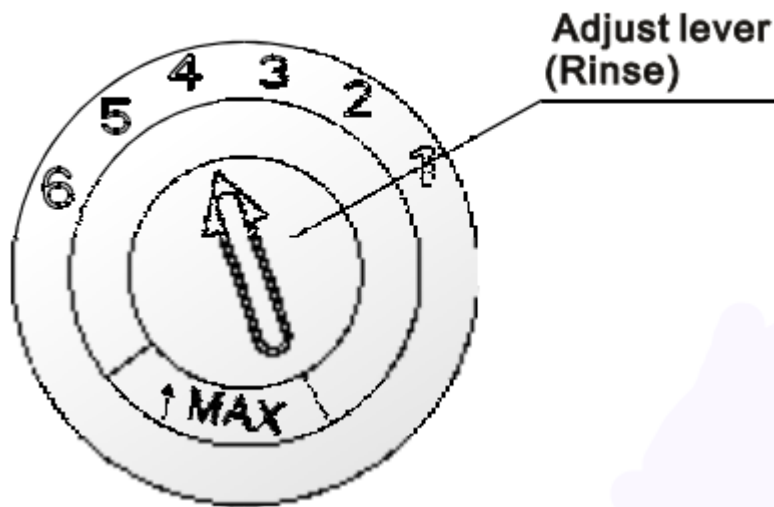
Be careful not to overfill the dispenser, because this could cause over sudsing. Wipe away any spills with a damp cloth. Don't forget to replace the cap before you close dishwasher door.

Attention!

Clean up any rinse aid spill during filling with an absorbent cloth to avoid excess foaming during the next wash.

Note Clean up any rinse aid spilled while during filling with an absorbent cloth to avoid excessive foaming during the next wash. Don't forget to replace the cap before you close dishwasher door.

Adjusting Rinse Aid Dispenser



The rinse aid dispenser has six or four settings. Always start with the dispenser set on "4". If spots and poor drying area problem, increase the amount of rinse aid dispensed by removing the dispenser lid and rotating the dial to "5". If the dishes still are not drying properly or are show spots, adjust the dial to the next higher lever until your dishes are spot-free. The recommended setting is "4". (Factory value is "4".)

Note

Increase the dose if there are drops of water or lime spots on the dishes after washing. Reduce it if there are sticky whitish stains on your dishes or a bluish film on glassware or knife blades.

B. Detergents

Detergents have chemical ingredients that are necessary to remove dirt, crush dirt and transport it out of the dishwasher. Most of the commercial quality detergents are suitable for this purpose.

Detergents

There are 3 sorts of detergents

1. With phosphate and with chlorine
2. With phosphate and without chlorine
3. Without phosphate and without chlorine

Normally new pulverised detergent is without phosphate. Thus the water softener function of phosphate is not given. If detergents without phosphate are used in the case of hard water often white spots appear on dishes and glasses. In this case please add more detergent to reach better results. Detergents without chlorine do only bleach a little. Strong and coloured spots will not be removed completely. In this case please choose a program with a higher temperature.

Concentrated Detergent

Based on their chemical composition, detergents can be split in two basic types:

- Conventional, alkaline detergents with caustic components
- Low alkaline concentrated detergents with natural enzymes

The use of “normal” washing programs in combination with concentrated detergents reduces pollution and is good for your dishes; these wash programs are specifically matched to the dirt-dissolving properties of the enzymes of the concentrated detergent. For this reason “normal” wash programs in which concentrated detergents are used can achieve the same results that can otherwise only be achieved using “intensive” programs.

Detergent Tablets

Detergent tablets of different brands dissolve at different speeds. For this reason some detergent tablets cannot dissolve and develop their full cleaning power during short programs. Therefore please use long programs when using detergent tablets, to ensure the complete removal of detergent residuals.

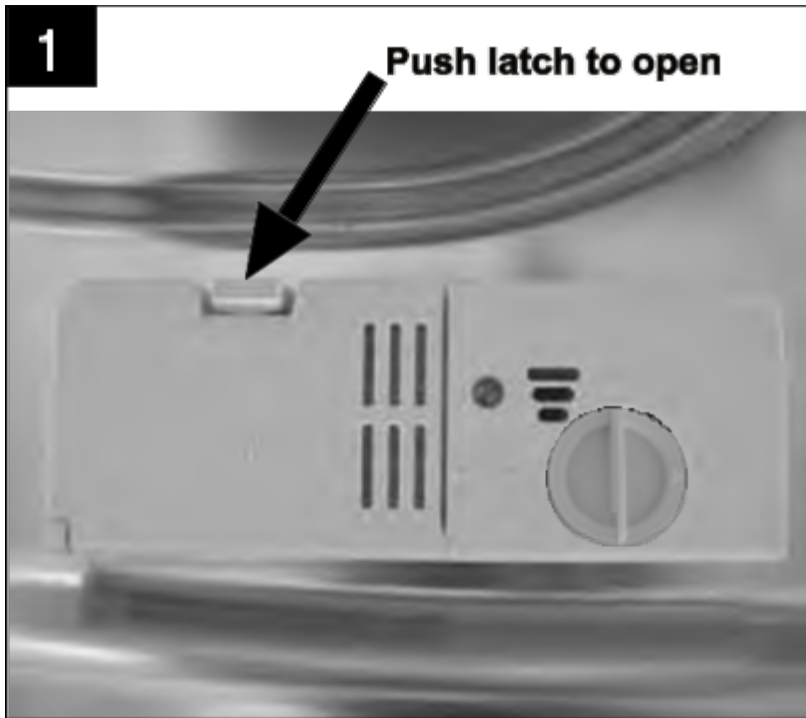
Detergent Dispenser

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 dishwasher. Generally, only one tablespoon of detergent is needed for a normal wash load. More heavily soiled items need more detergent. Always add the detergent just before starting the dishwasher, otherwise it could get damp and will not dissolve properly.

Proper Use of Detergent

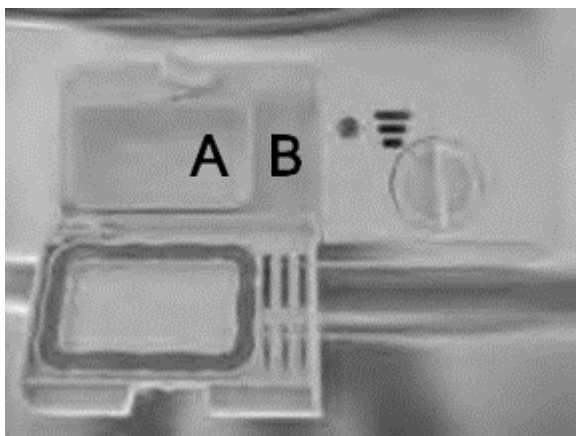
Use only detergent specifically made for the use in dishwashers. Keep your detergent fresh and dry. Don't put powdered detergent into the dispenser until you're ready to wash dishes.

Adding detergent to dispenser



Fill in Detergent

Fill the detergent dispenser with detergent. The marking indicates the dosing levels , as illustrated on the right:



A For main wash detergent.

B For pre-wash detergent.

Please observe the manufacturers dosing and storage Recommendations as stated on the detergent packaging.

Close the lid and press until it locks in place.

If the dishes are heavily soiled, place an additional detergent dose in the pre-wash detergent chamber. This detergent will take effect during the pre-wash phase.

Note

- If the lid is closed: push the latch to open.
- Always add the detergent just before starting each wash cycle. Only use branded detergent and rinse aid for dishwasher.
- You see information about the amount of detergent for the single programme on page 8.
- Please be aware that soiling levels and water hardness can effect wash results. Please observe the manufacturer's recommendations on the detergent packaging.

Loading the Dishwasher Baskets

Recommendation

- If the lid is closed: push the latch to open.
- Always add the detergent just before starting each wash cycle. Only use branded detergent and rinse aid for dishwasher.
- You see information about the amount of detergent for the single programme on page 8.
- Please be aware that soiling levels and water hardness can effect wash results. Please observe the manufacturer's recommendations on the detergent packaging.

Suitability of use in the dishwasher

Not suitable for use

- Cutlery with wooden, horn china or mother-of-pearl handles.
- Plastic items that are not heat resistant.
- Older cutlery with glued parts that are not temperature resistant.
- Bonded cutlery items or dishes.
- Pewter or cooper items. Crystal glass.
- Steel items subject to rusting.
- Wooden platters.
- Items made from synthetic fibres.

Limited suitability

- Some types of glasses can become dull after a large number of washes.
- Silver and aluminum parts have a tendency to discolour during washing.
- Glazed patterns may fade if machine washed frequently.

Attention before or after loading the Dishwasher Baskets

(For the best performance of the dishwasher, follow these loading guidelines. Features and appearance of baskets and cutlery baskets may vary from your model.)

Scrape off any large food particles. Soften remnants of burnt food in pans.

It is not necessary to rinse the dishes under running water unless there are excessive food scraps.

Place objects in the dishwasher in following way:

- 1.Items such as cups, glasses, pots/pans, etc. are faced downwards.
- 2.Curved items, or ones with recesses, should be loaded aslant so that water can run off.
- 3.All utensils are stacked securely and can not tip over.
- 4.All utensils are placed in the way that the spray arms can rotate freely during washing.

Note

Very small items should not be washed in the dishwasher as they could easily fall out of the basket.

Load hollow items such as cups, glasses, pans etc. With the opening facing downwards so that water cannot collect in the container or a deep base.

Dishes and items of cutlery must not lie inside one another, or cover each other. To avoid damage to glasses, they must not be touched.

Load large items which are most difficult to clean into the lower basket.

The upper basket is designed to hold more delicate and lighter dishware such as glasses, coffee and tea cups.

Long bladed knives stored in an upright position are a potential hazard!

Long and/or sharp items of cutlery such as carving knives must be positioned horizontally in the upper basket.

Please do not overload your dishwasher. This is important for good results and for reasonable consumption of energy.

Removing the Dishes

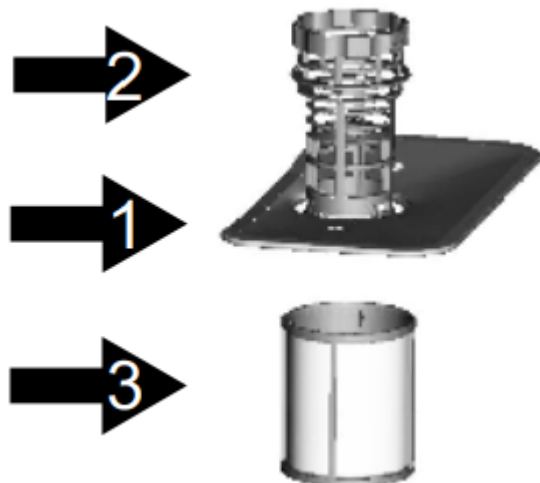
To prevent water dripping from the upper basket into the lower basket, we recommend that you empty the lower basket first and then the upper basket.

Maintenance and Cleaning

Filtering System

The filter prevents larger remnants of food or other objects from getting inside the pump. The residues may block the filter, in this case they must be removed.

The filter system consists of a coarse filter, a flat (Main filter) and a microfilter(Fine filter).



Main filter 1

Food and soil particles trapped in this filter are pulverized by a special jet on the lower spray arm and washed down to drain.

Coarse filter 2

Larger items, such as pieces of bones or glass, that could block

the drain are trapped in the coarse filter. To remove the items caught by this filter, gently squeeze the tap on the top of this filter and lift it out.

Fine filter 3

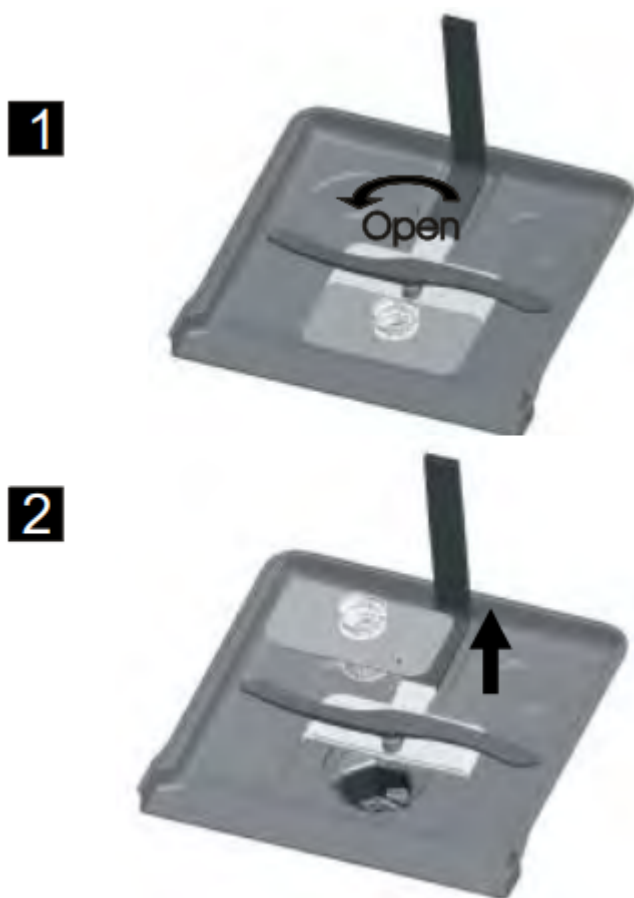
This filter holds soil and food residues in the sump area and prevents it from being redeposit on the dishes during wash cycle.

Filter assembly

The filter efficiently removes food particles from the wash water, allowing it to be recycled during the cycle. For best performance and results, the filter must be cleaned regularly. For this reason, it is a good idea to remove the larger food particles trapped in the filter after each wash cycle by rinsing the semicircular filter and cup under running water. To remove the filter device, pull the cup handle in the upward direction.

Warning

- 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.



Step 1 : Turn the filter in anti-clockwise direction

Step 2 : Lift the filter assy up

Note When following this procedure from step 1 to step 2, the filter system will be removed; when following it from Step 2 to Step 1, the filter system will be installed.

Notes:

- Inspect the filters for blocking after every time the dishwasher has been used.
- By unscrewing the coarse filter, you can remove the filter system. Remove any food remnants and clean the filters under running water.

Note The entire filter assembly should be cleaned once a week.

Cleaning the Filter

To clean the coarse filter and the fine filter, use a cleaning brush. Reassemble the filter parts as shown in the figures on the last page and reinsert the entire assembly in the dishwasher, positioning it in its seat and pressing downwards.

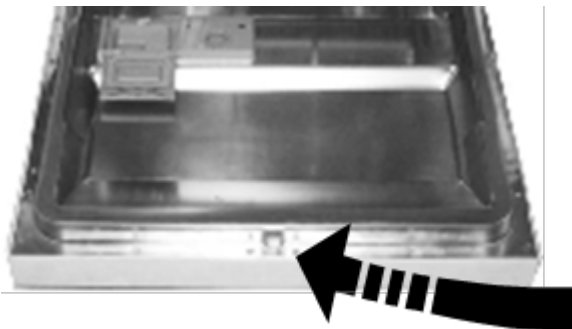
Caring for the Dishwasher

The control panel can be cleaned by using a lightly dampened cloth. After cleaning, make sure to dry it thoroughly.

For 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 Door



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

Warning

- Never use a spray cleaner to clean the door panel as it may damage the door lock and electrical components.
- Abrasive agents or some paper towels should not be used because of the risk of scratching or leaving spots on the stainless steel surface.

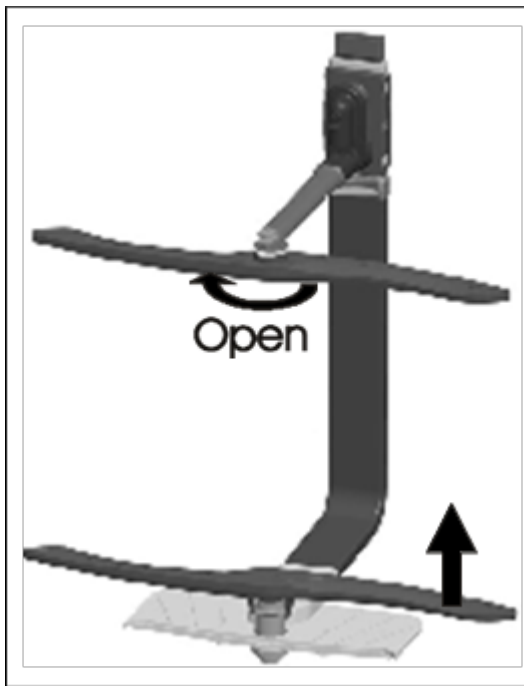
Protect Against Freezing

please take frost protection measures on the dishwasher in winter. Every time after washing cycles, please operate as follows :

1. Cut off the electrical power to the dishwasher.
2. Turn off the water supply and disconnect the water inlet pipe from the water valve.
3. Drain the water from the inlet pipe and water valve. (Use a pan to gather the water)
4. Reconnect the water inlet pipe to the water valve.
5. Remove the filter at the bottom of the tub and use a sponge to soak up water in the sump.

Note If your dishwasher cannot work because of the ice, please contact professional service persons.

Cleaning the Spray Arms



It is necessary to clean the spray arms regularly for hard water chemicals will clog the spray arm jets and bearings.

To remove the upper spray arm, hold the nut, rotate the arm clockwise to remove it.

To remove the lower spray arm, pull out the spray arm upward.

Wash the arms in soapy and warm water and use a soft brush to clean the jets. Replace them after rinsing them thoroughly.

How to keep your Dishwasher shape

After Every Wash

After every wash, turn off the water supply to the appliance and leave the door slightly open so that moisture and odours 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. Only use a cloth with warm soapy water.

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

When not in use for a Long Time

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 open. This will help the door seals to last longer and prevent odours 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 odours to form in the dishwasher is food that remains trapped in the seals. Periodic cleaning with a damp sponge will prevent this from occurring.

Troubleshooting Tips

Before Calling for Service



	Problem	Possible Causes	What To Do
Technics problems	<i>Dishwasher doesn't start</i>	Fuse blown, or the circuit breaker acted	Replace fuse or reset circuit breaker. Remove any other appliances sharing the same circuit with the dishwasher
		Power supply is not lurrried 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.
		Error code:E1; Water pressure is low	Check that the water supply is connected properly and the water is turned on.
		Door of dishwasher rot properly closed.	Make sure to close the door properly and latch it.
	<i>Water not pumped from dishwasher</i>	Kirk in drain base	Check drain hose.
		Filter clogged	Check the coarse filter (see section titled * Cleaning The Filter ')
		Kitchen sink clogged	Check the kitchen sink to make sure it is draining well. If the problem is the kitchen sink not draining .you may need a plumber rather than a serviceman for dishwashers.
General problems	<i>Suds in the tub</i>	Improper detergent	Use only the special dishwasher detergent to avoid suds.

		<p>If this occurred, open the dishwasher and let suds evaporate. Add 1 gallon of cold water to the tub. Close and latch the dishwasher, then select any cycle. Dishwasher will drain out the water at the first step. Open the door after draining is stop and check if the suds is disappeared.</p> <p>Repeat if necessary.</p>
<i>Stained tub interior</i>	Spilled rinse-aid	Always wipe up nnse-aid spills immediately.
	Detergent with colourant was used	Make sure that the detergent is the one without colourant.



General problems	<i>White film on inside surface</i>	Hard water minerals	To dean the interior, use a damp sponge with dishwasher detergent and wear rubber gloves. Never use any other cleaner than dishwasher detergent for the risk of foaming or suds.
	<i>There are rust stains on cutler)/</i>	The affected items are not corrosion resistant.	The items should be corrosion resistant.
Noise	<i>Knocking noise in the wash cabinet</i>	A spray arm is knocking against an item in a basket	Interrupt the program, and rearrange the items which are obstructing the spray arm.
	<i>Rattling noise in the was/! cabinet</i>	Items of crockery are loose in the wash cabinet	Interrupt the program. and rearrange the items of crockery.
	<i>Knocking noise in the water pipes</i>	This may be caused by on-site installation or the cross-section of the piping.	This has no influence on the dishwasher function, if in doubt, contact a suitably qualified plumber.

Unsatisfactory washing result	<i>The dishes are not clean</i>	The dishes were not loaded correctly.	See notes in * Loading the Dishwasher Baskets *.
		The program was not powerful enough.	Select a more intensive programme. See Wash Cycle Table ".
		Not enough detergent was dispensed.	Use more detergent, or change your detergent
		Items are blocking the path of spray arms.	Rearrange the items so that the spray arms can rotate free
		The filter combination is not clean or is not correctly fitted. This may cause the spray arm jets get blocked.	Clean and fit the filter combination correctly. Clean the spray arm jets. See 'Cleaning the Spray Arms'.
	<i>Cloudiness on glassware</i>	Combination of soft water and too much detergent.	Use less detergent if you have soft water and select a shortest cycle to wash the glassware and to get them clean.
	<i>Black or gray marks on dishes</i>	Aluminum utensils have rubbed against dishes.	Use a mild abrasive cleaner to eliminate those marks.
	<i>Detergent left in dispenser cups</i>	Dishes block detergent cup opens.	Re-loading the dishes properly.

Unsatisfactory drying result	<i>The dishes are not drying</i>	Improper loading	Load the dishwasher as suggested in the directions.
		Too little rinse-aid	Increase the amount or rinse-aid refill the rinse-aid dispenser
		Dishes are removed too soon	Do not empty your dishwasher immediately after washing. Open the door slightly so that the steam can escape. Begin unloading the dishwasher only once the dishes are barely warm by touching. Empty the low basket first. This prevents water from dropping off dishes in the upper basket.
		Wrong program has been selected	In short program the rinse temperature is lower. This also lowers cleaning performance. Choose a program with a long high rinse temperature.
		Use of cutlery with a low-quality coating	Water drainage is more difficult with these items. Cutlery or dishes of this type are not suitable for washing in the dishwasher.

Error Codes

When some malfunctions occur, the appliance will display error codes to warn you:

Codes	Meanings	Possible Cause
Rapid	Longer inlet time.	Faucet is not opened, or water is restricted, or water pressure is low.
90mins+Rapid	Not reaching required temperature	Malfunction of heating element.
Glass	Overflow.	Some element of dishwasher is not working properly.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

