

LEBENSSTIL
KOLLEKTION

DISHWASHER
Geschirrspüelmaschine

LKDW-1003SS

**OPERATING
INSTRUCTIONS**



Before operating this appliance, please read these instructions completely.



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

To review the section on Troubleshooting Tips will help you to solve some common problems by yourself and not 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.

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IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING

WARNING!

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



GROUNDING INSTRUCTIONS

- 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 of 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.

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 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 dish rack of the dishwasher.
- Do not touch the heating element during or immediately after use.
- Do not operate your dishwasher unless all enclosure panels are properly in place. Open the door very carefully if the dishwasher is operating, there is a risk of water squirting out.
- Do not place any heavy objects of stand on the door when it is open. The appliance could tip forward.
- 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 cut-type injuries.
 - 3) Warning:Knives and other utensils with sharp points must be loaded in the basket with their points down or placed in a horizontal position.
- When using your dishwasher, you should prevent plastic item from contacting with heating element.
- Check that the detergent receptacle is empty after completion of the wash cycle.
- 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.
- Use only detergent and rinse additives designed for an automatic dishwasher. Never use soap, laundry detergent, or hand washing detergent in your dishwasher. Keep these products out of the reach of children.
- Other means for disconnection from the supply must be incorporated in the fixed wiring with at least 3mm contact separation in all poles.
- Keep children away from detergent and rinse aid, keep children away from the open door of the dishwasher, there could still be some detergent left inside.
- Young children should be supervised to ensure that they do not play with the appliance.
- 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.
- The door should not be left in the open position since this could present a tripping hazards.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Remove the door to the washing compartment when removing an old dishwasher from service or discarding it.
- Please dispose of packing materials properly.
- Use the dishwasher only for its intended function.
- During installation, the power supply must not be excessively or dangerously bent or flattened.
- Do not tamper with controls.
- The appliance is to be connected to the water mains using new hose sets and that old hose-sets should not be reused.
- The maximum number of place settings to be washed is 14.
- The maximum permissible inlet water pressure is 1Mpa.
- The minimum permissible inlet water pressure is 0.04Mpa.

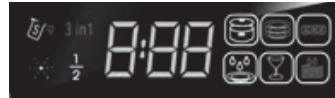
READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY

SAVE THESE INSTRUCTIONS

IMPORTANT!

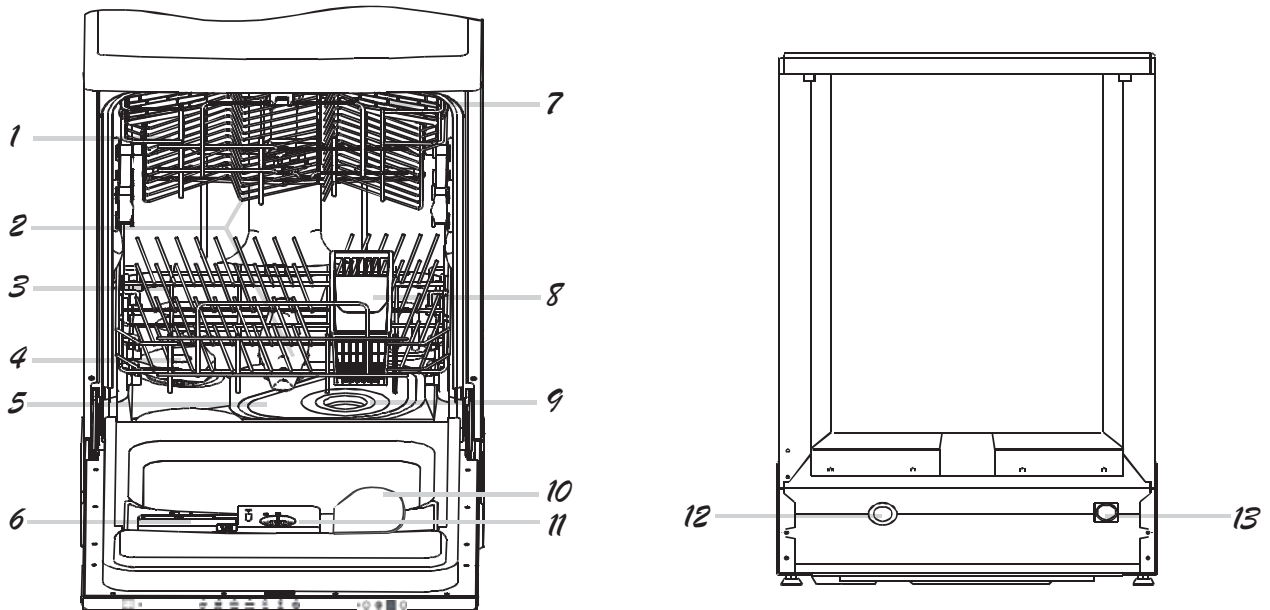
To get the best performance from your dishwasher, read all operating instructions before using it for the first time.

Control Panel










- 1 Power Switch: Turn on/off the power supply.
- 2 Power/ON Light: To come on when the ON/OFF Button is pressed down.
- 3 Half washing Light : To come on when half washing.
- 4 Half washing key-press : To select the half washing. (It means that the lower spray arm does not run, so you should load the upper basket only).
- 5 Program Knob: Turn around the knob to choose the desired program.
- 6 Display Window: Delay time, the program you choose . The window will display the P1 to P7.
- 7 Delayed Start Button: Press this button to set the delayed hours for washing. You can delay the start of washing up to 24 hours. One press on this button delays the start of washing by half an hour.
- 8 Display Window: Program remaining time, delay time, running indicator, fault codes and etc.

Dishwasher Features



- | | | | |
|----------------|-----------------------|---------------------|-------------------------|
| 1 Upper Basket | 4 Water Softener | 7 Cup Shelf | 10 Turbo dry |
| 2 Spray Arms | 5 Main Filter | 8 Silverware Basket | 11 Rinse Aid Dispenser |
| 3 Lower Basket | 6 Detergent Dispenser | 9 Coarse Filter | 12 Drain pipe connector |
| | | | 13 Inlet pipe connector |

Wash Cycle Table

Program	Cycle	Cycle Selection Information	Description of Cycle	Detergent pre/main	Rinse Aid
P1 3 In1		For normally soiled loads, such as pots, plates, glasses and lightly soiled pans. standard daily cycle.	Pre-wash pre-wash wash42 rinse/ rinse68 drying	3in1	
P2 Strong		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-wash pre-wash50 wash60 rinse rinse70 drying	5/30g.	★
P3 Normal	 (IEC-EN 50242)	For normally soiled loads, such as pots, plates, glasses and lightly soiled pans. standard daily cycle.	Pre-wash pre-wash wash47 rinse rinse67 drying	5/30 g.	★
P4 Economy		For lightly soiled loads, such as plates, glasses, bowls and lightly soiled pans.	Pre-wash wash45 rinse rinse60 drying	25g.	★
P5 Rinse		For dishes that need to be rinsed and dried only	Wash45 rinse rinse70 drying		★
P6 Glass		For lightly soiled loads, such as glasses, crystal and fine china.	Pre-wash wash40 rinse rinse70 drying	20 g.	★
P7 Soak		Pre-wash of dishes pots and pans while waiting for the load to be completed after the subsequent meal.	Pre-wash		

Turning on the Appliance

Starting a wash cycle. . .

- 1 Draw out the lower and upper basket, load the dishes and push them back. It is recommended that loading the lower basket first, then the upper one.
- 2 With a little force to ensure the door is properly closed.
NOTE: A click could be heard when the door is closed perfectly.
- 3 Insert the plug into the socket.
The power supply is 220-240VAC 50HZ, the specification of the socket is 12A 250VAC.
- 4 Press the ON/OFF button
- 5 According to the soil level to choose the desired program by pressing the program selection button.
- 6 Close the door to start the washing.
- 7 When the washing is over, you can shut off the switch by pressing on/off button..

Change the Programme

When the dishwasher is running, you want to change the using programme, you should do according the following step.

- 1 Shut off the power, then turn on the power.
- 2 Press the programme button to select the desired programme.
- 3 Close the door to start washing.



At the end of the wash cycle

At the end of a wash cycle, the time display will flash for 8 seconds while the buzzer sounds. However, when the delay start function is activated, the time display will flash for 8 seconds, but the buzzer will not sound.

NOTE: If you open the door when washing, the machine will delay start for several seconds, which will make the dishwasher work much better.

WATER SOFTENER

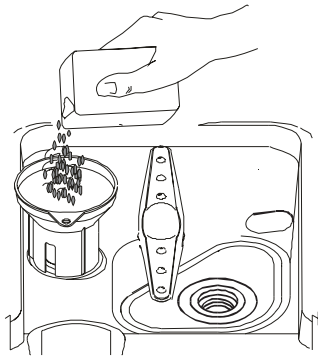
There are two ways to reduce the water hardness: one way is using water softener, the other is using detergent.

The hardness of the water varies from place to place. If hard water is used in the dishwasher, deposits will form on the dishes and utensils.

The appliances is equipped with a special softener that uses a salt specifically designed to eliminate lime and minerals from the water.

Loading the Salt into the Softener

Always use salt intended for use with dishwashers.
The salt container is located beneath the lower rack and should be filled as follows:



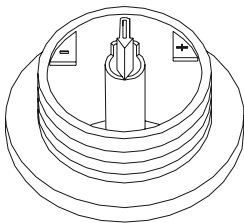
- 1 Remove the lower basket and then unscrew and remove the cap from the salt container.
- 2 If you are filling the container for the first time ,fill 2/3 of its volume with water (around 500ml).
- 3 Place the end of the funnel(supplied) into the hole and introduce about 1.2 kg of salt .It is normal for a small amount of water to come out of the salt container
- 4 Carefully screw the cap back on.
- 5 Usually, the salt warning light will be off in 2-6 days after the salt container be filled with salt.

NOTE:

1. The salt container must be refilled when the salt warning light comes on. Though the salt container is filled enough, the indicator light may not black out before the salt fully dissolve.
2. If there are spills of the salt, a soak program could be run to wipe them out.

Adjusting Salt Consumption

The dishwasher is designed to allow for adjusting the amount of salt consumed based on the hardness of the water used. This is intended to optimize and customize the level of salt consumption so that the salt consumption could be set proceed as follows:



- 1 Unscrew the cap from the salt container.
- 2 There is a ring on the container with an arrow on it (see Figure to the side), if necessary, rotate the ring in the anticlockwise direction from the "-" Setting toward the "+" sign, based on the hardness of the water being used. It is recommended that adjustments should be made in accordance with the following schema:

WATER HARDNESS				Selector Position	Salt consumption (gram/cycle)	Auto nomy (cycles/1.2kgs)
°dH	°fH	°Clark	mmol/l			
0~8	0~14	0~10	0~1.4	/	0	/
8~22	14~39	10~28	1.4~3.9	-	20	60
22~45	39~80	28~56	3.9~8	Mid	40	30
>45	>80	>56	>8	+	60	20

Note:1 °dH=1.25 °Clark=1.78 °fH=0.178mmol/l

°dH : German degree

°fH : French degree

°Clark: British degree

Attention!

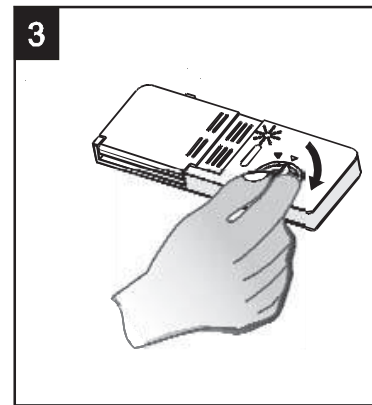
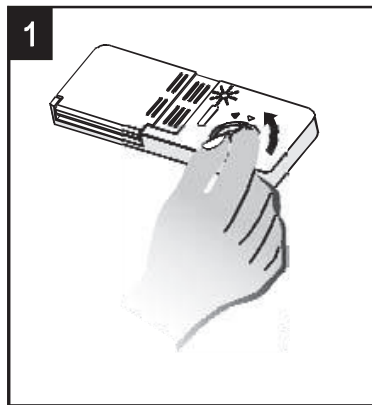
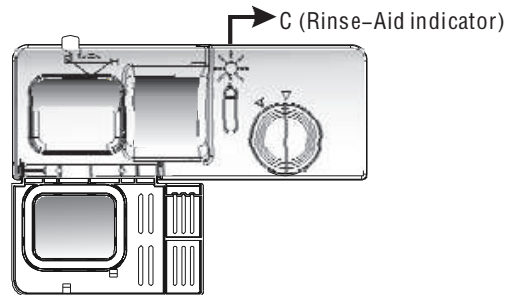
Only use branded rinse aid for dishwasher. Never fill the rinse aid dispenser with any other substances (e.g. Dishwasher cleaning agent, liquid detergent). This would damage the appliance.

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.

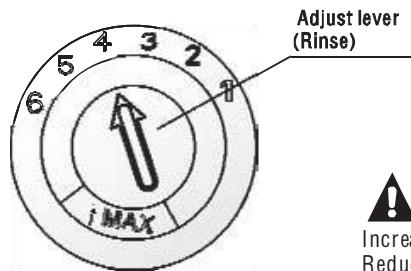
- Full
- ◐ 3/4 full
- ◑ 1/2 full
- ◒ 1/4 full – Should refill to eliminate spotting
- Empty



- 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.

! NOTE: Clean up any rinse aid spill 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 are problems, 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 spotted, adjust the dial to the next higher number 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.

Function of Detergent

Detergents with its chemical ingredients are necessary to remove dirt, crush dirt and transport it out of the dishwasher. Most of 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 chloride

Normally new pulverised detergent is without phosphate. The water softener function of phosphate is not given. In this case we recommend to fill salt in the salt container even when the hardness of water is only 6 °dH. If detergents without phosphate were used in case of hard water often white spots appear at 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 removed completely. In this case please choose a programme with higher Temperature.

Concentrated Detergent

Based on their chemical composition, dishwasher 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 programmes in conjunction with concentrated detergents reduces pollution and is good for your dishes; these wash programmes are specially matched to the dirt-dissolving properties of the enzymes of the concentrated detergent. For this reason “normal” wash programmes in which concentrated detergents are used can achieve the same results that can otherwise only be achieved using “intensive” programmes.

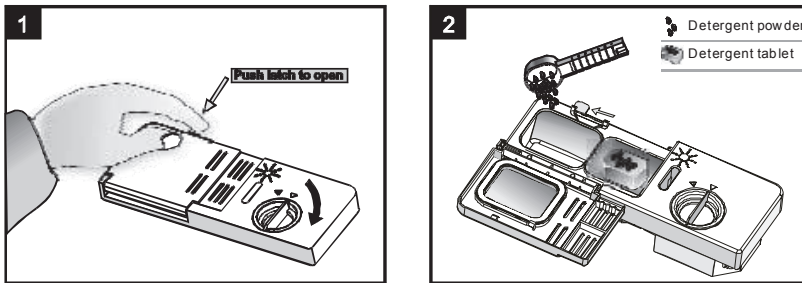
Detergent Tablets

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 programmes. Therefore please use long programmes 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 then conventional dishwasher. 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 the dishwasher, otherwise it could get damp and will not dissolve properly.

Amount of Detergent to Use



NOTE:

- If the lid is closed: press release button. The lid springs open.
- Always add the detergent just before starting each wash cycle.
- Only use branded detergent aid for dishwasher.

WARNING!

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

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.

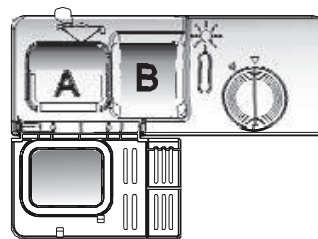
Fill in detergent

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

- A** The place of main wash cycle detergent placed,
- B** The place of pre-wash cycle detergent placed,

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:

- You find information about the amount of detergent for the single programme on the last page.
- Please aware, that according to the level soiling and the specific hardness of water differences are possible.
- Please observe the manufacturer's recommendations on the detergent packaging.

HOW TO USE THE UPPER RACK(14 PLACE SETTINGS)

THE UPPER RACK IS FOR MORE DELICATE AND LIGHTER DISHWARE SUCH AS GLASSES, COFFEE & TEA CUPS, SAUCERS, PLATES, BOWLS, AND SHALLOW PANS (PROVIDED THESE ARE NOT TOO DIRTY).

POSITION THE DISHES AND COOKWARE SO THAT THEY DO NOT GET MOVED BY THE SPRAY OF WATER. ALWAYS PLACE GLASSES, CUPS & BOWLS UPSIDE DOWN.

NOTE:

YOUR DISHWASHER COMES WITH AN ADJUSTABLE TOP RACK (BASKET) PICTURED AT RIGHT. ITS HEIGHT CAN BE ADJUSTED BY LIFTING THE HANDLE IN A DOWNWARD OR UPWARD DIRECTION. (PLS SEE THE FIGURES ON THE RIGHT: POSITION 1 & POSITONG 2.)

NOTICE:

ENSURE THE METAL ROD IS LOCATED IN ITS CORRECT POSITION.



POSITION 1



POSITION 2



NOTE: THE UPPER RACK HAS SIDE FLAPS (PICTURED AT LEFT ABOVE BASKET). THERE ARE 4 (2 ON EACH SIDE). THESE CAN BE ADJUSTED INTO 2 POSITIONS = POSITION 1 (HIGH) AND POSITION 2 (LOW).

TO MOVE THE FLAPS BETWEEN THESE POSITIONS, LOCATE THE LARGE HINGES CLIP EACH FLAP TO THE UPPER RACK. THERE ARE TWO OF THESE AT EITHER END OF EACH FLAP. GENTLY PULL BOTH CLIPS OFF THE WIRE RACK AND MOVE THE FLAP TO THE DESIRED POSITION. BE CAREFUL IF YOU HAVE LONG FINGERNAILS!

POSITION 1

THE UPPER POSITION WILL ACCOMMODATE ITEMS SUCH AS GLASS TUMBLERS (PLACED BENEATH FLAP) AND WINE GLASSES. WINE GLASSES CAN BE PLACED UPSIDE DOWN SO THAT THE NECK RESTS IN THE GROOVES AT SIDE OF FLAP WITH THE BASE OF THE GLASS FACING UPWARD.

POSITION 2

WHEN THE FLAPS ARE MOVED TO THE LOWER POSITION, THEY CAN BE USED TO HOLD ADDITIONAL TUMBLERS, CUPS AND MUGS. ALWAYS CHECK THAT YOU ARE ONLY PLACING ITEMS ON THE FLAPS THAT WILL CLEAR THE CEILING HEIGHT OF YOUR DISHWASHER WHEN YOU PUSH THE RACK BACK IN. BE PARTICULARLY CAREFUL WITH LONG-STEMMED GLASSWARE SUCH AS CHAMPAGNE GLASSES BREAKAGE HAZARD!

Loading the Dishwasher Racks(14 place settings).

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

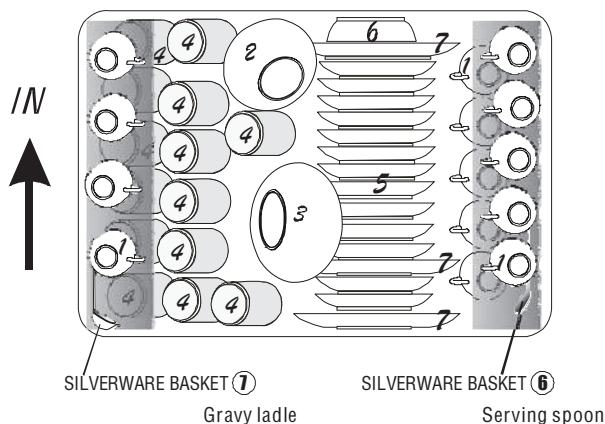
How to use the Upper Rack

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 Dessert dishes



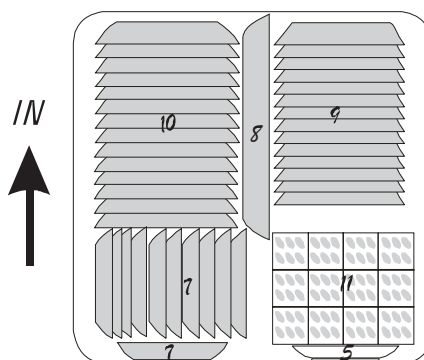
How to use the Lower Rack

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.

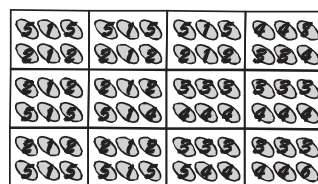
- Pots, serving bowls, etc, must always be placed top down.
- Deep pots should be slanted to allow water to flow out.
- The bottom rack feature fold down tine rows so that larger or more pots and pans can be loaded.

- 7 Dessert dishes
- 8 Oval platter
- 9 Soup plates
- 10 Dinner plates
- 11 Silverware basket



SILVERWARE BASKET

Silverware should be placed in the silverware basket with handles at the bottom. If the rack has side baskets, the spoon should be loaded individually into the appropriate slots, Especially long utensils should be placed in the horizontal position at the front of the upper rack.



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



▲ WARNING!

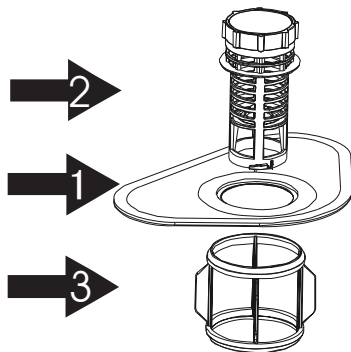
Do not let any item extend through bottom.

Fault codes

Codes	Meanings	Possible Causes
E1	Longer inlet time.	Faucets is not opened.
E3	Longer heating time, but not reaching required temperature	Malfunction of temperature sensor or of heating element.
E4	Overfilled.	Too much inlet water. .
E6,E7	Abnormal temperature	Short circuit or break of temperature sensor.

Filtering System

The filter prevent larger remnants of food or other objects from getting inside the pump. This residue can occasionally clog up the filters.



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 by this filter are pulverized by a special jet on the lower spray arm and washed down the drain.

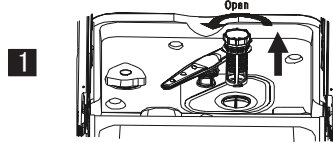
Coarse filter **2**

Larger items, such as pieces of bone or glass, that could clog the drain are trapped in the coarse filter. To remove an item caught in this filter, gently squeeze the taps on the top of this filter and lift it out.

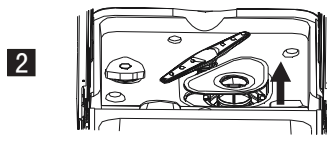
Fine filter **3**

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

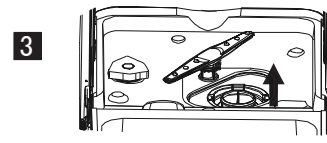
- Inspect the filters for obstructions every time the dishwasher has been used.
- By unscrewing the coarse filter, you can remove the filter system. Remove any food remnants and clean the filters under running water.



step 1 : contrarotate the Coarse filter, and then lift it up;



step 2 : lift the Main filter up



step 3: lift the Fine filter up

NOTE: If do it from step1 to step 3, the filter system will be removed; while if do it from step3 to step 1, the filter system will be installed.

Caring for the Dishwasher

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

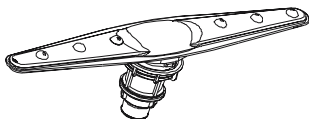
Never use sharp objects, scouring pads or harsh cleaners on any part of the dishwasher.

Protect Against Freezing

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

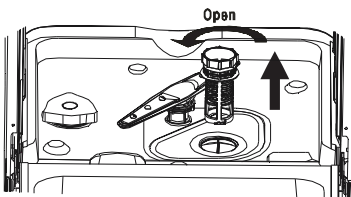
- 1 Cut off electrical power to the dishwasher.
- 2 Turn off the water supply and disconnect the water inlet pipe from the water valve.
- 3 Drain water from the inlet pipe and water valve.
(Use a pan to catch the water.)
- 4 Reconnect the water inlet pipe to the water valve.
- 5 Remove the filter in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

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

Cleaning the Filters



Filter assembly

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

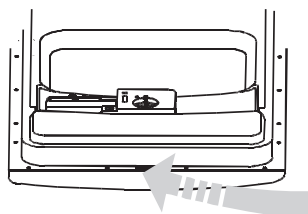
The filter efficiently removes food particles from the wash water, allowing it to be recirculated during the cycle. For this reason, it is a good idea to remove the larger food particles trapped in the filter after each wash cycle by rinsing the semicircular filter and cup under running water. To remove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

To clean the coarse filter and the fine filter, use a cleaning brush. Then, reassemble the filter parts as shown in the figures left and reinsert the entire assembly in the dishwasher, positioning in its seat and 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 rag. 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 papers towels can also scratch or leave marks on the surface.

▲ WARNING!

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

How to Keep Your Dishwasher in Shape

■ *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. Do not run risks.

■ *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 cloth dampened with water 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 Electricity Connecting

▲ 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 THIRD GROUNDING PRONG FROM THE POWER CORD.

Electrical Requirements

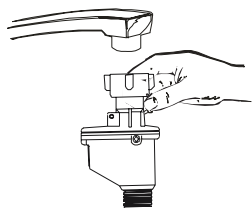
Please see the rating label to know the rating voltage and connect the dishwasher to appropriate power supply. Use required fuse 12 amp. Fused electrical supply is required—copper wire only. Time delay fuse or circuit breaker recommended and provide separate circuit serving only this appliance. Outlet should be placed in adjacent cabinet.

Electrical Connection

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 socket, rather than using an adaptor or the like as they could cause overheating and burns.

▲ *Insure proper ground exists before use*

How to Connect the safety supply hose



The appliance must be connected to the water mains using new hose-sets. The old hose-sets should not be reused.

Water pressure must be between 0,04 MPa and 1 MPa. If the pressure is below the minimum consult our Service Department for advice.

- 1 Pull The safety supply hoses completely out from storage compartment located at rear of dishwasher.
- 2 Tighter the screws of the safety supply hose to the faucet with thread 3/4inch.
- 3 Turn water fully on before starting the dishwasher.

ABOUT THE SAFETY SUPPLY HOSE.

The safety supply hose consists of the double walls. The hose's system guarantees its intervention by blocking the flow of water in case of the supply hose breaking and when the air space between the supply hose itself and the outer corrugated hose is full of water.

⚠ WARNING!

A hose that attaches to a sink spray can burst if it is installed on the same water line as the dishwasher. If your sink has one, it is recommended that the hose be disconnected and the hole plugged.

How to Disconnect the safety supply hose

- 1 Turn off the water.
- 2 Release the water pressure by depressing the pressure release button. This relieves water pressure and protects you, and the room, from severe splashing.
- 3 Unscrew The safety supply hose from the faucet..

How to Disconnect the Dishwasher

- 1 Remove the power cord plug from the wall receptacle.
- 2 Disconnect Unicouple from faucet adapter.

NOTE: When motor stops at the end of the final rinse, the Unicouple can be disconnected and returned to storage.

COLD WATER CONNECTION

Connect the cold water supply hose to a threaded 3/4(inch) 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.

HOT WATER CONNECTION

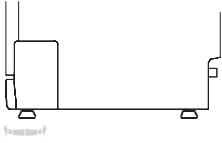
The water supply to the appliance can also be connected to the house hot water line (centralized system, heating system), as long as it does not exceed a temperature of 60 C. In this case, the wash cycle time will be shortened by about 15 minutes and the wash efficiency slightly reduced.

The connection must be made to the hot water line following the same procedures as those for the connection to the cold water line.

Positioning the Appliance

Position the appliance in the desired location. 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

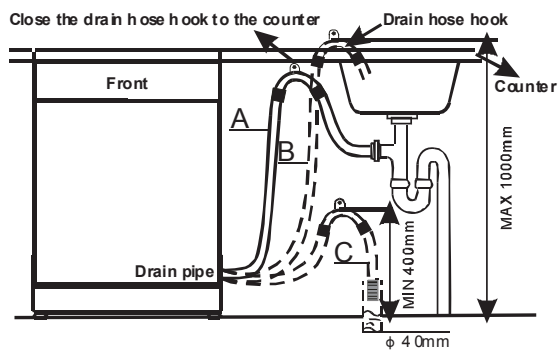


Once the appliance is positioned, adjust the feet (screwing them in or out) to adjust the height of the dishwasher, making it level. In any case, the appliance should not be inclined more than 2°.

Drain hose Connection

Insert the drain hose into a drain pipe with a minimum diameter of 4 cm, or let it run into the sink, making sure to avoid bending or crimping. Use the special plastic support that comes with the appliance. The top of the hose must be at a height between 40 and 100cm. The free end of the hose must not be immersed in water.

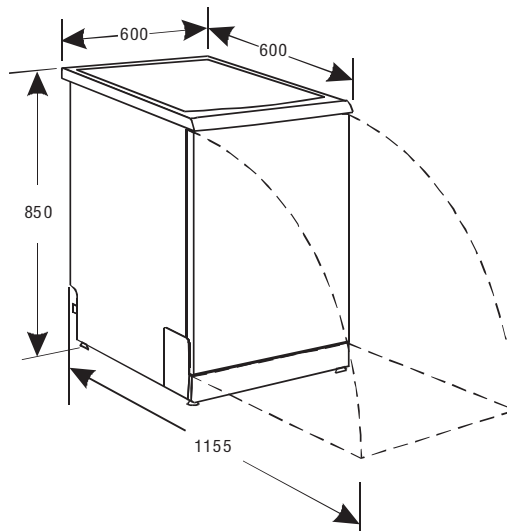
PLEASE HANG UP THE DRAIN HOSE EITHER WAY OF A, B, C



How to Drain Excess Water From Hoses

If the sink is 1000 higher from the floor, the excess water in hoses cannot be drained directly into the sink. It will be necessary to drain excess water from hoses into a bowl or suitable container that is held outside and lower than the sink.

DIMENSIONS(mm)



Before Calling for service . . .

Troubleshooting Tips

Review the charts on the following pages may make you be free of calling 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 acted	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 soft food shredding action and detergent cup opening.
	Utensils are not secure in the baskets or something small has dropped into the basket	To 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 1 gallon of cold water to the tub. Close and latch the dishwasher, then drain out the water by slowly turning the Dial until a drain period 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 the one without colorant.
<i>Dishes are not dried</i>	Rinse agent dispenser is empty	Make sure that the rinse agent dispense is filled.
<i>Dishes and flatware 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>	<ol style="list-style-type: none"> 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 	<p>To remove spots from glassware:</p> <ol style="list-style-type: none"> 1 Take out 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 . . .

<i>Problem</i>	<i>Possible Causes</i>	<i>What To Do</i>
<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>Yellow or brown film on inside surfaces</i>	Tea or coffee stains	using 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 heating elements cool down before cleaning interior; otherwise, burns will happen.
	Iron deposits in water can cause an overall film	You have to call a water softener company for a special filter.
<i>White film on inside surface</i>	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 for the risk of foaming or suds.
<i>Detergent cup lid won't latch</i>	Dial is not in the OFF position	Turn the Dial to OFF position and slide the door latch to the left.
<i>Detergent left in dispenser cups</i>	Dishes block detergent cups	Re-loading the dishes properly.
<i>Steam</i>	Normal phenomenon	There is some steam coming through the vent by the door latch during drying and water draining.
<i>Black or gray marks on dishes</i>	Aluminum utensils have rubbed against dishes	Use a mild abrasive cleaner to eliminate those marks.
<i>Water standing in the bottom of the tub</i>	This is normal	A small amount of clean water around the outlet on the tub bottom at the back of the tub keeps the water seal lubricated.
<i>Dishwasher leaks</i>	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.

LEBENSSTIL

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