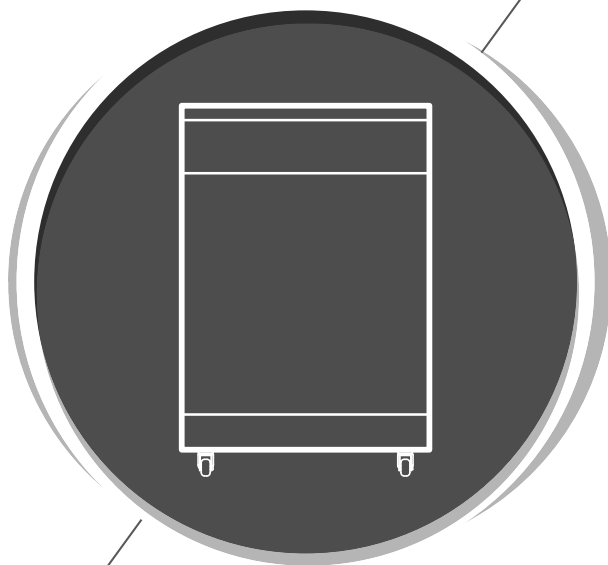




Dishwasher

Instruction Manual

SD-6513W/SD-6513SS



Please read this manual carefully
before using the dishwasher and
Keep this manual for future reference.

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Product Specifications



NOTE:

- Reviewing the section on troubleshooting Tips will help you solve some common problems by yourself.
- If you cannot solve the problems by yourself, please ask for help from a professional technician.
- The manufacturer, following a policy of constant development and updating of the product, may make modifications without giving prior notice.
- If lost or out-of-date, you can receive a new user manual from the manufacturer or responsible vendor.

SAFETY INFORMATION

WARNING

When using your dishwasher, follow the precautions listed below:

- Installation and repair can only be carried out by a qualified technician.
- This appliance is intended to be used in household and similar applications such as:
 - staff kitchen areas in shops, offices and other working environments;
 - farm houses;
 - by clients in hotels, motels and other residential type environments;
 - bed and breakfast type environments.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be done by children without supervision.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Packaging material could be dangerous for children!
- This appliance is for indoor household use only.
- To protect against the risk of electrical shock, do not immerse the unit, cord or plug in water or other liquid.
- Please unplug before cleaning and performing maintenance on the appliance.
- Use a soft cloth moistened with mild soap, and then use a dry cloth to wipe it again.



Grounding Instructions

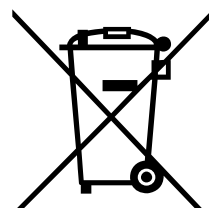
- This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of an electric shock by providing a path of least resistance of electric current. This appliance is equipped with an grounding conductor plug.

- The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances.
- Improper connection of the equipment-grounding conductor can result in the risk of an 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 does not fit the outlet. Have a proper outlet installed by a qualified electrician.
- Do not abuse, sit on, or stand on the door or dish rack of the dishwasher.
- 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 on or 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) Warning: Knives and other utensils with sharp points must be loaded in the basket with their points facing down or placed in a horizontal position.
- Some dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed. Avoid contact with the skin and eyes and keep children away from the dishwasher when the door is open.
- Check that the detergent powder is empty after completion of the wash cycle.
- Do not wash plastic items unless they are marked "dishwasher safe" or the equivalent.
- For unmarked plastic items not so marked, check the manufacturer's recommendations.
- Use only detergent and rinse agents recommended for use in an automatic dishwasher.
- Never use soap, laundry detergent, or hand washing detergent in your dishwasher.
- The door should not be left open, since this could increase the risk of tripping.
- 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.
- During installation, the power supply must not be excessively or dangerously bent or flattened.
- Do not tamper with controls.

- The appliance needs to be connected to the main water valve using new hose sets. Old sets should not be reused.
- To save energy, in stand by mode , the appliance will switch off automatically while there is no any operation in 30 minutes .

• Disposal

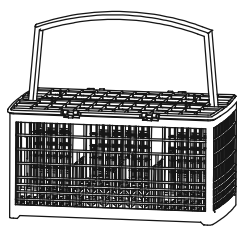
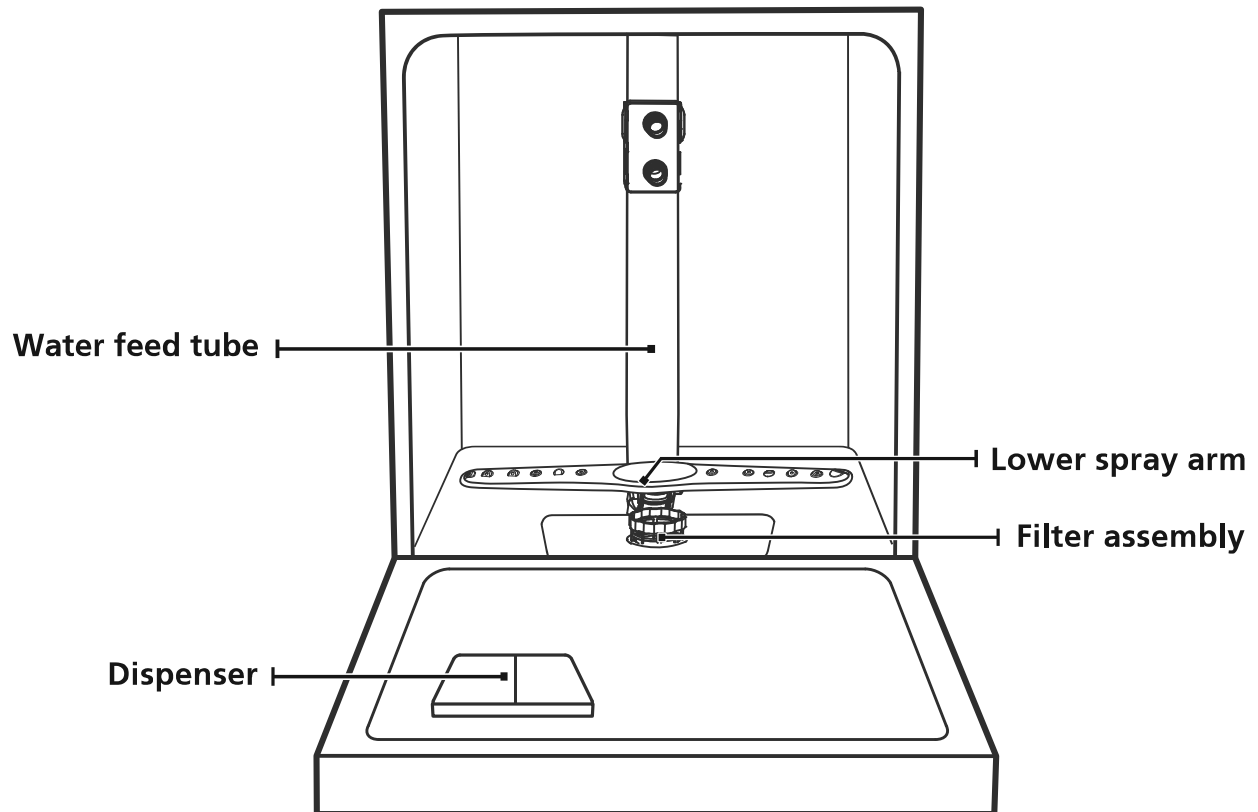
- For disposing of package and the appliance please go to a recycling center. Therefore cut off the power supply cable and make the door closing device unusable.
- Cardboard packaging is manufactured from recycled paper and should be disposed in the waste paper collection for recycling.
- By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.
- For more detailed information about recycling of this product, please contact your local city office and your household waste disposal service.
- **DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.**



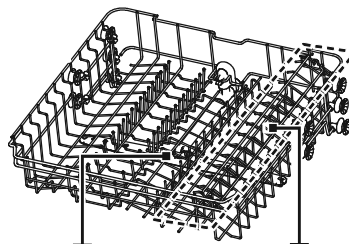
PRODUCT OVERVIEW

❗ IMPORTANT:

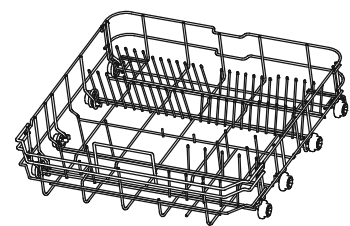
To get the best performance from your dishwasher, read all operating instructions before using it for the first time.



Cutlery basket



Upper basket



Lower basket

💡 NOTE:

Pictures are only for reference, different models may be different. Please prevail in kind.

INSTALLATION INSTRUCTION

⚠ WARNING



Electrical Shock Hazard

Disconnect electrical power before installing dishwasher.
Failure to do so could result in death or electrical shock.

⚠ Attention

The installation of the pipes and electrical equipments should be done by professionals.

About Power Connection

⚠ WARNING

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 earthing connection from the power cord.

Electrical requirements

Please look at the rating label to know the rating voltage and connect the dishwasher to the appropriate power supply. Use the required fuse 10A, time delay fuse or circuit breaker recommended and provide separate circuit serving only this appliance.

Electrical connection

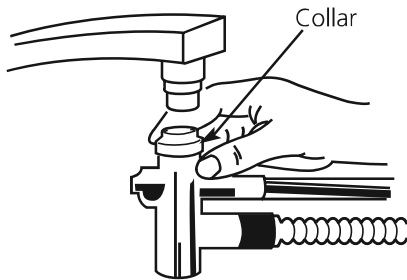
Ensure the voltage and frequency of the power being corresponds to those on the rating plate. Only insert the plug into an electrical socket which is grounded properly. If the electrical socket to which the appliance must be connected is not appropriate for the plug, replace the socket, rather than using a adaptors or the like as they could cause overheating and burns.

⚠ Ensure that proper grounding exists before use

• Position 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 walls. The dishwasher is equipped with water supply and drain hoses that can be positioned either to the right or the left sides to facilitate proper installation.

• Water Supply

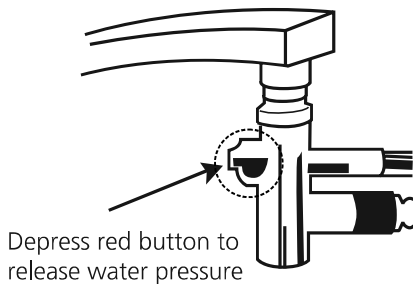


Connect the uncoupler to the faucet

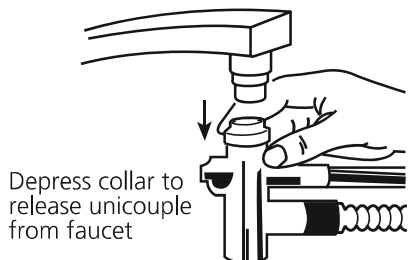
Attach the uncoupler to the faucet adapter following the three steps below:

1. Depress the locking collar at the top of the uncoupler.
2. Place the uncoupler completely over the faucet adapter.
3. Release the locking collar. The uncoupler should now be locked onto the faucet adapter.

Remove uncoupler from faucet



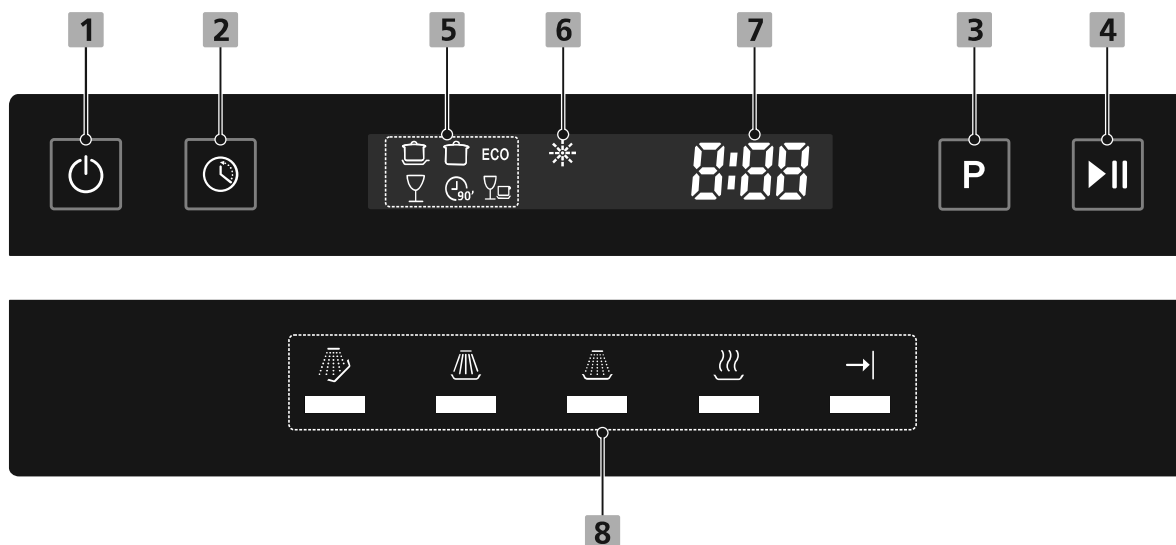
1. Turn off hot water.
2. Relieve water pressure from the uncoupler assembly before disconnecting it from the faucet by depressing the red pressure relief button on the uncoupler.



3. Depress the locking collar and remove the uncoupler from the faucet.

|| USING YOUR DISHWASHER

• Control Panel



Operation (Button)

1 Power	Press this button to turn on your dishwasher, the screen lights up.
2 Delay	Press the Delay button to increase the delay start time. Delay a cycle for up to 24 hours in one-hour increments. After setting the delay time, press the Start/Pause button to start.
3 Program	Select the appropriate washing program, the selected program indicator will light up. After completing the program and function selection, press the Start/Pause button to start.
4 Start/Cancel	1. To start the selected washing program. 2. Press the button for 3 seconds to cancel the program when the dishwasher is working.

Display

5 Cycle indicator	 Heavy For heavily soiled items , including pots and pans with dried on food.  Normal This is the standard program suitable for normally soiled loads, such as pots, plates, glasses and lightly soiled pans. ECO ECO For normally soiled loads, such as pots, plates, glasses and lightly soiled pans.  Glass For lightly soiled crockery and glass.  90 Min For normally soiled loads that need quick wash.  Rapid A shorter wash for lightly soiled loads that do not need drying.
6 Rinse aid indicator	If the “  ” indicator lights up, it means the dishwasher is low on dishwasher rinse aid and requires a refill.
7 Screen	To show the reminding time, delay time, error code etc.
8 Progress indicator	The progress indicator shows the current wash cycle in progress.  Pre-wash  Main-wash  Rinse  Drying  Program end

• Function Of The Rinse Aid And Detergent

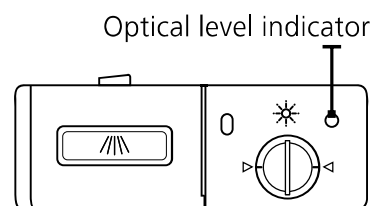
The rinse aid is released during the final rinse to prevent water from forming droplets on your dishes, which can leave spots and streaks. It also improves drying by allowing water to roll off the dishes. Your dishwasher is designed to use liquid rinse aids.

⚠ WARNING

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

Unless the rinse-aid warning light (✨) on the control panel is on, you can always estimate the amount from the color of the optical level indicator located next to the cap. When the rinse-aid container is full, the indicator will be fully dark. The size of the dark dot decreases as the rinse-aid diminishes. You should never let the rinse aid level be less than 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 ○ Empty

Function of detergent

The chemical ingredients that compose the detergent are necessary to remove, crush and dispense all dirt out of the dishwasher. Most of the commercial quality detergents are suitable for this purpose.

⚠ WARNING

- Proper Use of Detergent

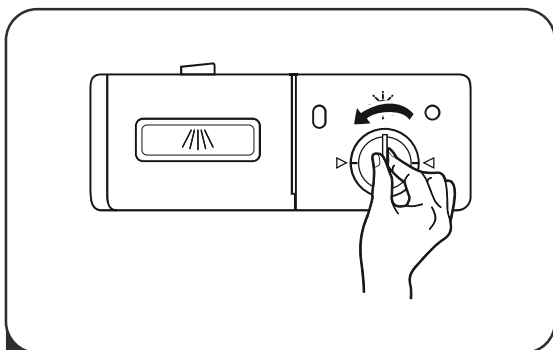
Use only detergent specifically made for dishwashers use. Keep your detergent fresh and dry.

Don't put powdered detergent into the dispenser until you are ready to wash dishes.

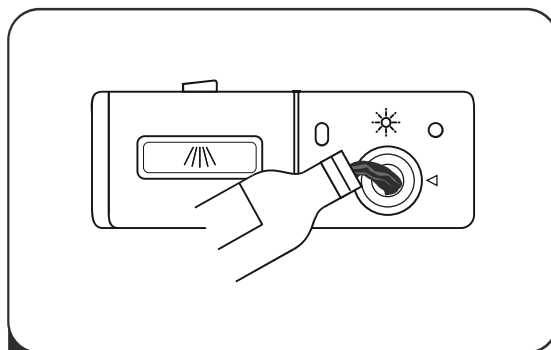


Dishwasher detergent is corrosive! Keep dishwasher detergent out of the reach of children.

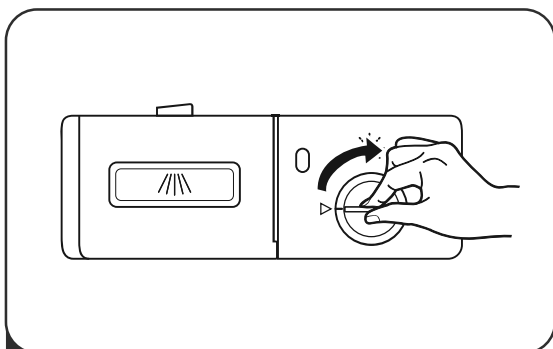
• Filling The Rinse Aid Dispenser



1 Remove the rinse aid dispenser cap by rotating it counterclockwise.



2 Carefully pour in the rinse aid into its dispenser, whilst avoiding it to overflow.

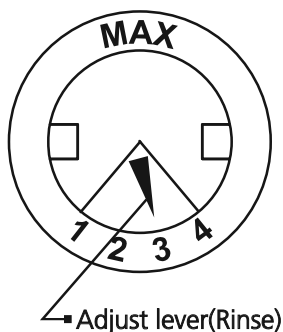


3 Close the rinse aid dispenser cap by rotating it clockwise.

💡 **NOTE:**

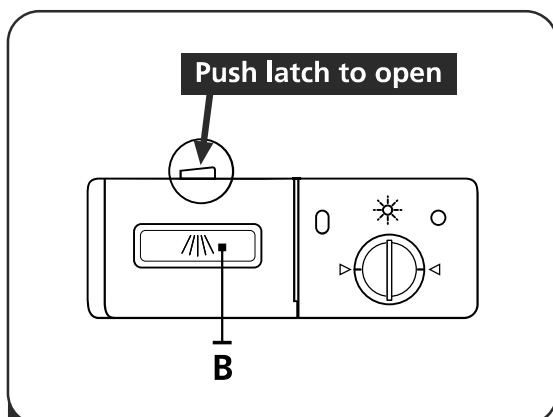
Clean up any spilled rinse aid with an absorbent cloth to avoid excessive foaming during the next wash.

Adjusting the rinse aid dispenser

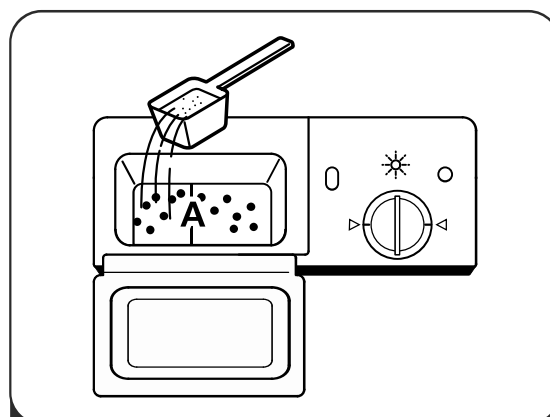


Turn the rinse aid indicator dial to a number between 1 and 4. The higher the number, the more rinse aid the dishwasher uses. If the dishes are not drying properly or are spotted, adjust the dial to the next higher number until your dishes are spot-free. Reduce it if there are sticky whitish stains on your dishes or a bluish film on glassware or knife blades.

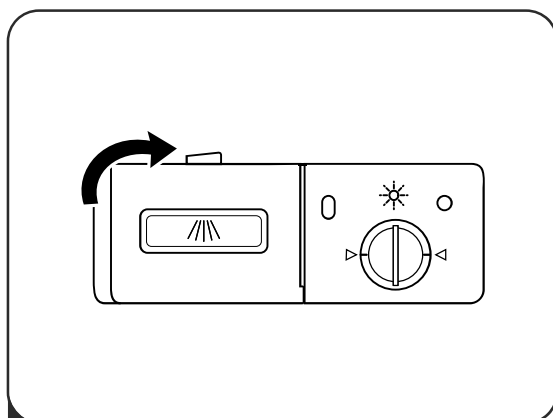
• Filling The Detergent Dispenser



- 1** Press the release catch on the detergent dispenser to open the cover.



- 2** Add detergent into the larger cavity (A) for the main wash cycle .
For more heavily soiled wash loads, also add some detergent into the smaller cavity (B) for the pre-wash cycle .



- 3** Close the cover and press on it until it locks into place.

💡 **NOTE:**

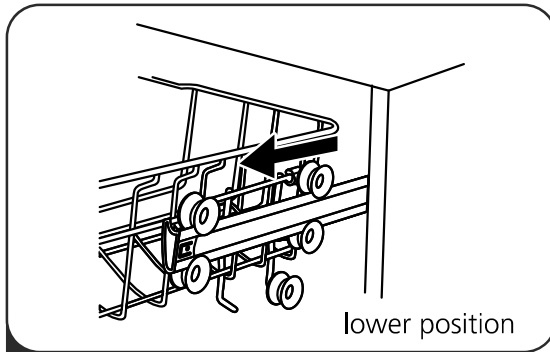
- Be aware that depending on the soiling of water, setting may be different.
- Please observe the manufacturer's recommendations on the detergent packaging.

• Basket Used Tips

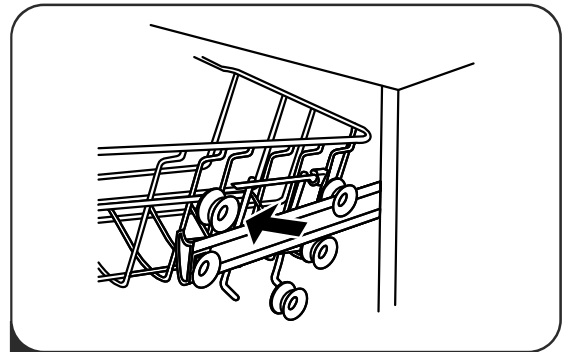
Adjusting the upper basket

The height of the upper basket can be easily adjusted to accommodate taller dishes in either the upper or lower basket.

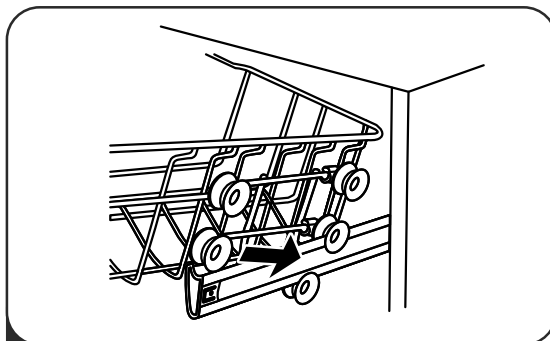
To adjust the height of the upper rack, follow these steps:



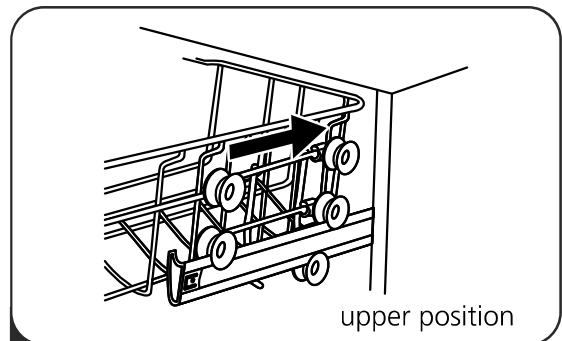
1 Pull out the upper basket.



2 Remove the upper basket.



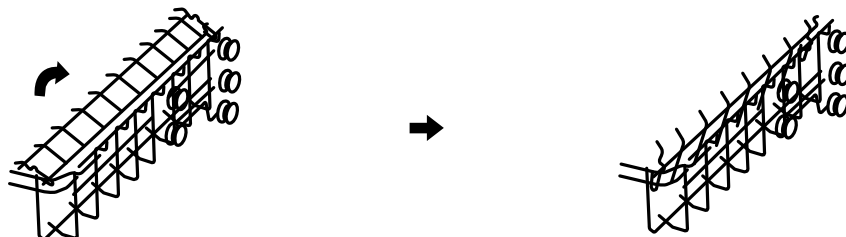
3 Re-attach the upper basket to upper or lower rollers.



4 Push in the upper basket.

Folding back the cup shelves

To make room for taller items in the upper basket, raise the cup rack upwards. You can then lean the tall glasses against it. You can also remove it when it is not required for use.



• Preparing And Loading Dishes

- Consider buying utensils which are identified as dishwasher-proof.
- For particular items, select a program with the lowest possible temperature.
- To prevent damage, do not take glass and cutlery out of the dishwasher immediately after the program has ended.

For washing the following cutlery/dishes

Are not suitable

- 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

Are of limited suitability

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

Recommendations for loading the dishwasher

Scrape off any large amounts of leftover food. Soften remnants of burnt food in pans. It is not necessary to rinse the dishes under running water.

For best performance of the dishwasher, follow these loading guidelines.

(Features and appearance of baskets and cutlery baskets may vary from your model.)

Place objects in the dishwasher in following way:

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

- 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, glasses should not touch one another.
- 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 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.

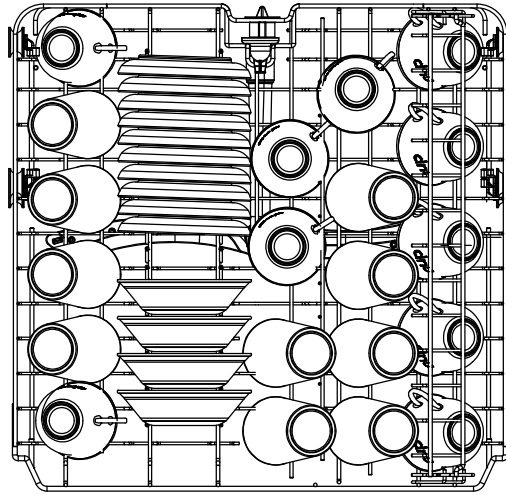
 NOTE:

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

Loading the upper basket (10 place setting)

The upper basket has been designed for small plates, mugs, glasses, and plastic items marked "dishwasher safe". Load your plates into the dishwasher in two half rows, so that the front of each plate faces the back of the plate in front of it, and the open sides of the plates at the center of the dishwasher face each other.

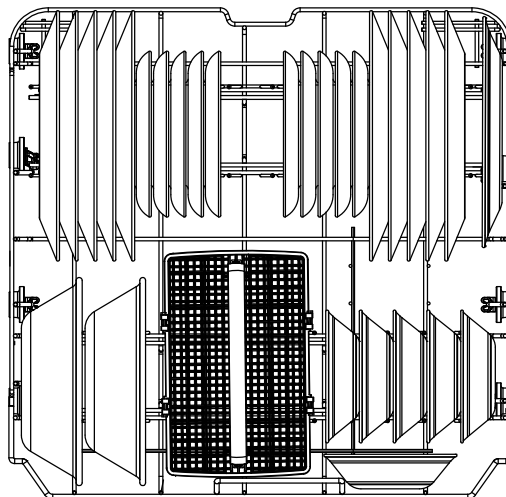
When loading dishes, pull the upper basket out sufficiently so you can load it without striking the counter.



Loading the lower basket (10 place setting)

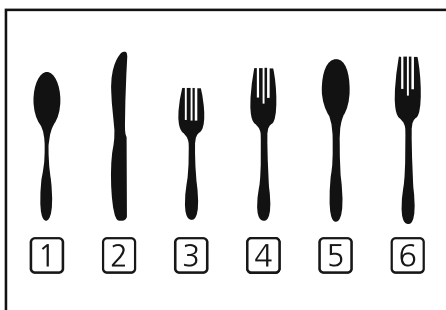
The lower basket has been especially designed for dinner dishes, soup bowls, plates, pots, lids, casserole dishes, and plates.

Load large items such as pans and pots into the dishwasher so their open sides face downwards.

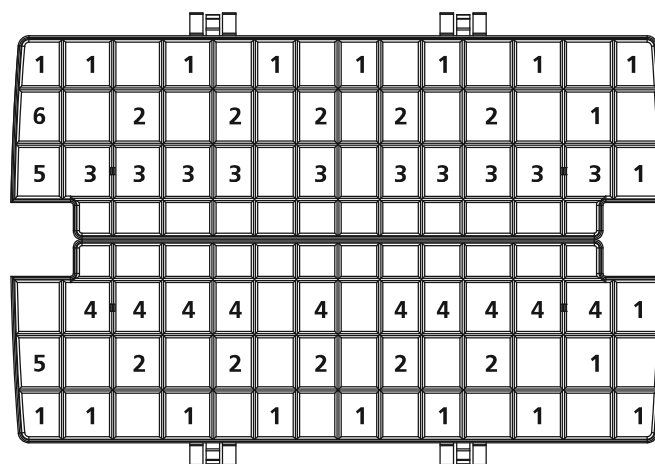


Loading the cutlery basket

The cutlery basket can be divided into three separate modules that can be used in both upper and lower baskets.



Number	Item
1	Soup spoons
2	Knives
3	Salad forks
4	Forks
5	Large spoons
6	Large forks



⚠ WARNING



Do not let any item extend through the bottom. Always load sharp utensils with the sharp point down! Be sure nothing protrudes through bottom of the basket or rack to block the lower spray.

Removing the dishes

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

⚠ WARNING



Items will be hot! To prevent damage, do not take glass and cutlery out of the dishwasher for around 15 minutes after the program has ended.

DISHWASHER PROGRAMS

Wash Cycles

The table below shows the wash cycles, required detergent amount, running time, power and water consumption of each program.

Program	Description Of Cycle	Detergent Pre/Main	Running Time(min)	Energy (Kwh)	Water (L)
 Heavy	Pre-wash 1 Pre-wash 2 Main wash(65°C) Rinse 1 Rinse 2 Last Rinse(68°C) Drying	0/18.8g	165	0.85	21.5
 Normal (*Test cycle)	Pre-wash 1 Pre-wash 2 Main wash(45-60°C) Rinse 1 Rinse 2 Last Rinse(65°C) Drying	AHAM/NSF: 0/18.8g CU: 15/15g DOE: 0/9.4g	121-150	0.55-0.75	10.8-21.5
ECO	Pre-wash Main-wash(50°C) Rinse 1 Rinse 2 Last Rinse(62°C) Drying	0/18.8g	155	0.6	18
 Glass	Pre-wash Main wash(50°C) Rinse 1 Rinse 2 Last Rinse(62°C) Drying	0/18.8g	125	0.58	18
 90 Min	Pre-wash(55°C) Main wash(60°C) Rinse(55°C) Last Rinse(68°C) Drying	0/18.8g	90	0.85	14.5

Program	Description Of Cycle	Detergent Pre/Main	Running Time(min)	Energy (Kwh)	Water (L)
 Rapid	Pre-wash(55℃) Main wash(60℃) Rinse(55℃) Last Rinse(58℃) Drying	0/18.8g	60	0.6	14.5

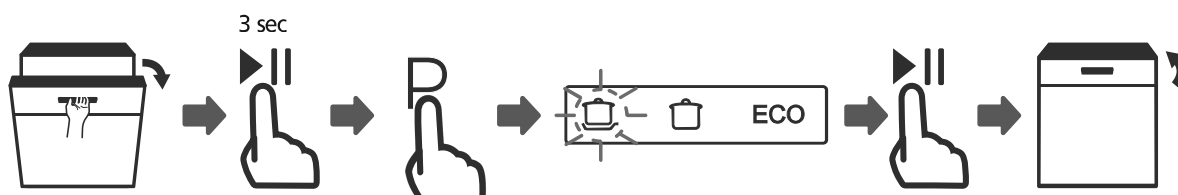
Starting A Program

- Slide out the lower and upper baskets, load the dishes and push them back. It is recommended to load the lower basket first, and then the upper one.
- Pour in the detergent.
- Insert the plug into the socket. The power supply refers to the last section "product specifications".
Make sure that the water supply is turned on to full pressure.
- Open the door ajar, press the power button to switch on the machine.
- Choose a wash cycle, the corresponding light will turn on.
- Press the Start/Cancel button and close the door within four seconds, and then the dishwasher will start its cycle.

Changing The Program Mid-cycle

A wash cycle can only be changed if it has been running for a short time otherwise, the detergent may have already been released and the dishwasher may have already drained the wash water. If this is the case, the dishwasher needs to be reset and the detergent dispenser must be refilled. To reset the dishwasher, follow the instructions below:

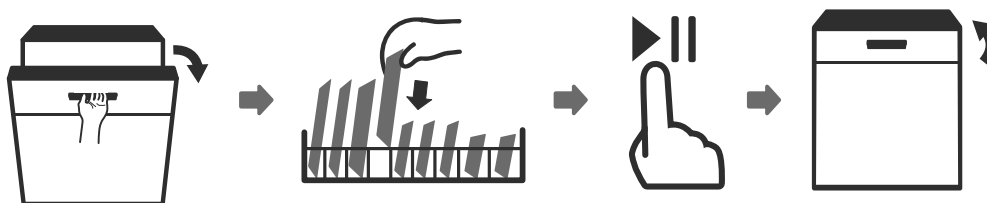
- Open the door a little to stop the dishwasher, after the spray arms stop spinning, you can open the door completely.
- Press Start/Cancel button for more than 3 seconds to cancel the program.
- Press the Program button to select the desired program.
- Press the Start/Cancel button and close the door within four seconds, the dishwasher will start after 10 seconds.



• Forget To Add A Dish?

A dish can be added any time before the detergent dispenser opens. If this is the case, follow the instructions below:

1. Open the door a little to stop the dishwasher, after the spray arms stop spinning, you can open the door completely.
2. Add the dishes.
3. Press the Start/Cancel button and close the door within four seconds, and then the dishwasher will resume after 10 seconds.



⚠ WARNING



It is dangerous to open the door mid-cycle, as hot steam may scald you.

💡 NOTE:

If you close the door more than 4 seconds after pressed the Start/Cancel button, the cycle will pause and not run.

MAINTENANCE AND CLEANING

External Care

The door and the door seal

Clean the door seals regularly with a soft damp cloth to remove food deposits. When the dishwasher is being loaded, food and drink residues may drip onto the sides of the dishwasher door. These surfaces are outside the dishwasher tub and are not accessed by water from the spray arms. Any deposits should be wiped off before the door is closed.

The control panel

If cleaning is required, the control panel should be wiped with a soft damp cloth only.

WARNING

- To avoid water into the door lock and electrical components, do not use a spray cleaner of any kind.
- Never use abrasive cleaners or scouring pads on the outer surfaces because they may scratch the finish. Some paper towels may also scratch or leave marks on the surface.

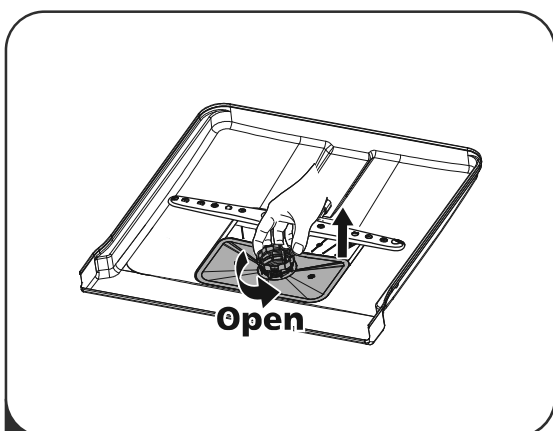
Internal Care

Filtering system

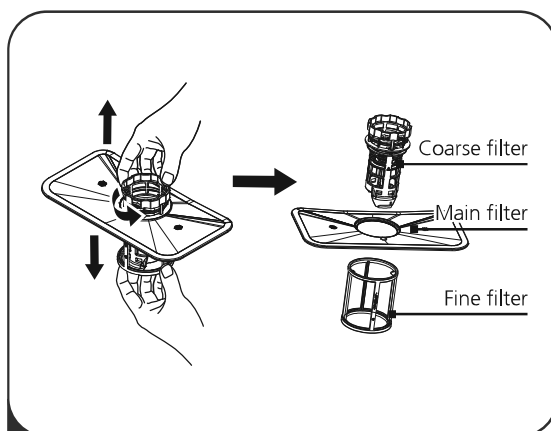
The filtering system in the base of the dishwasher tub retains coarse debris from the wash cycle. The collected coarse debris may clog the filters. Check the condition of the filters regularly and clean them if necessary under running water. Follow the steps below to clean the filters in the dishwasher tub.

NOTE:

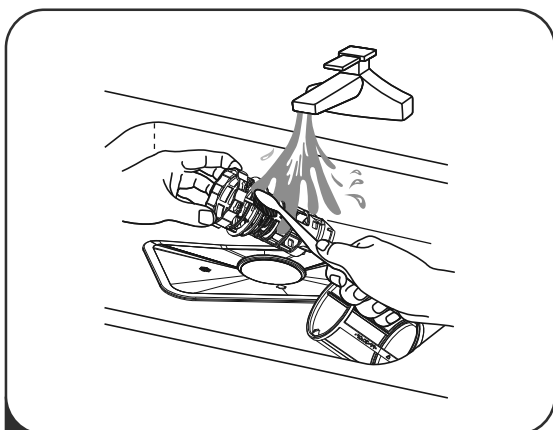
Pictures are only for reference, different models of the filtering system and spray arms may be different.



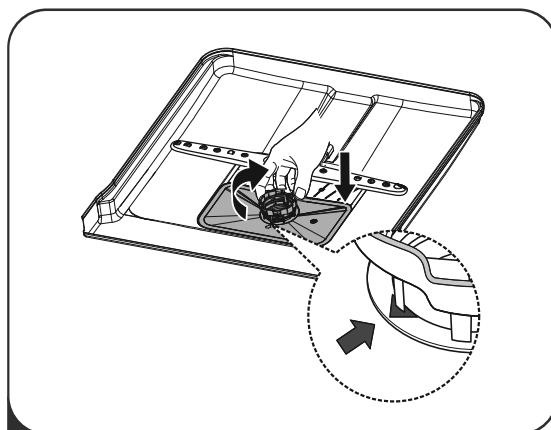
- 1 Hold the coarse filter and rotate it counterclockwise to unlock the filter. Lift the filter upwards and out of the dishwasher.



- 2 The fine filter can be pulled off the bottom of the filter assembly. The coarse filter can be detached from the main filter by gently squeezing the tabs at the top and pulling it away.



- 3 Larger food remnants can be cleaned by rinsing the filter under running water. For a more thorough clean, use a soft cleaning brush.



- 4 Reassemble the filters in the reverse order of the disassembly, replace the filter insert, and rotate clockwise to the close arrow.

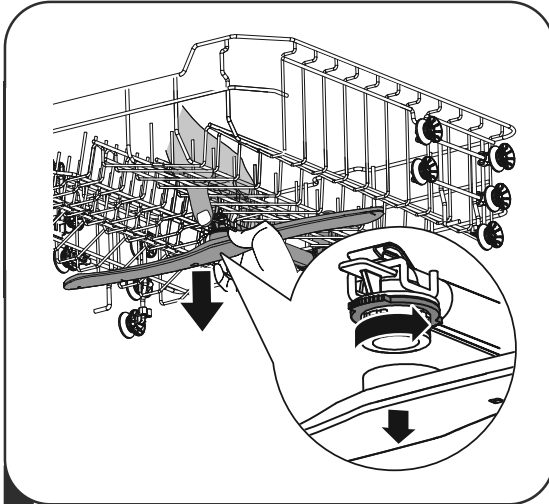
⚠ WARNING

- Do not over tighten the filters. Put the filters back in sequence securely, otherwise coarse debris could get into the system and cause a blockage.
- Never use the dishwasher without filters in place. Improper replacement of the filter may reduce the performance level of the appliance and damage dishes and utensils.

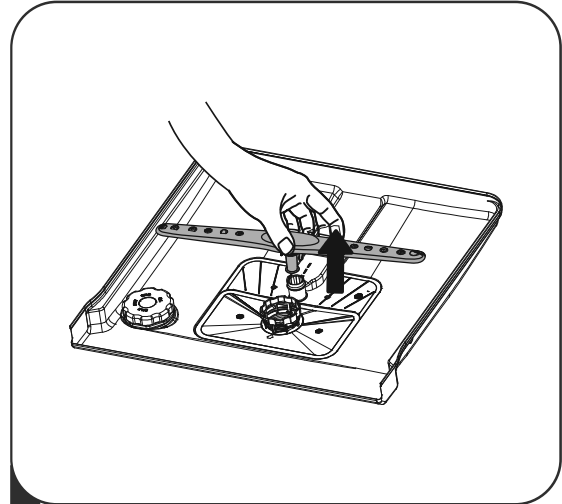
Spray arms

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

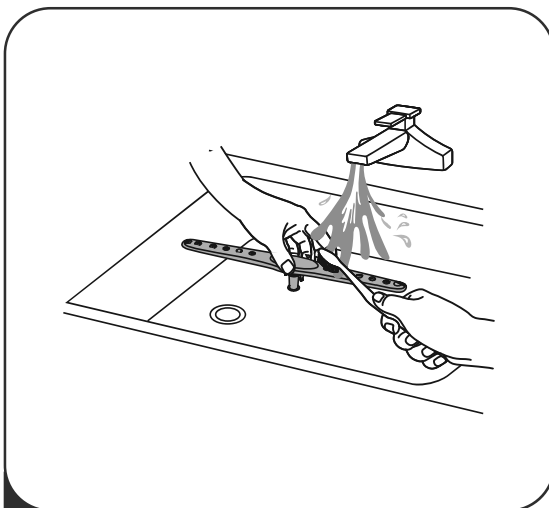
To clean the spray arms, follow the instructions below:



- 1** To remove the upper spray arm, hold the nut in the center still and rotate the spray arm counterclockwise to remove it.



- 2** To remove the lower spray arm, pull out the spray arm upward.



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

• Caring For The Dishwasher

Frost precaution

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

1. Cut off the electrical power to the dishwasher at the supply source.
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 filters at the bottom of the tub and use a sponge to soak up water in the sump.

After every wash

After every wash, turn off the water supply to the appliance and leave the door slightly open 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. 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 longtime

It is recommended that you run a wash cycle 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 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 odours in the dishwasher is food residues are trapped in the seals. Cleaning the seals periodically with a damp sponge will prevent this from occurring.

|| TROUBLESHOOTING

Before Calling For Service

Reviewing the charts on the following pages may save you from calling for service.

Problem	Possible Causes	What To Do
Dishwasher doesn't start	Fuse blown, or the circuit break tripped.	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.
	Door of dishwasher not properly closed.	Make sure to close the door properly and latch it.
Water not pumped form dishwasher	Twisted or trapped drain hose.	Check the drain hose.
	Filter clogged.	Check coarse the filter.
	Kitchen sink clogged.	Check the kitchen sink to make sure it is draining well. If the problem is the kitchen sink that is not draining, you may need a plumber rather than a serviceman for dishwashers.
Suds in the tub	Wrong 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 bottom of the dishwasher. Close the dishwasher door, then select any cycle. Initially, the dishwasher will drain out the water. Open the door after draining stage is complete and check if the suds have disappeared. Repeat if necessary.

Problem	Possible Causes	What To Do
	Spilled rinse-aid.	Always wipe up rinse-aid spills immediately.
Stained tub interior	Detergent with colourant may have been used.	Make sure that the detergent has no colourant.
White film on the surface of the tub	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, it may cause foaming or suds.
There are rust stains on cutlery	The affected items are not corrosion resistant.	The items should be corrosion resistant.
Knocking noise in the dishwasher	A spray arm is knocking against an item in a basket	Interrupt the program and rearrange the items that are obstructing the spray arm.
Rattling noise in the dishwasher	Items are loose in the dishwasher.	Interrupt the program and rearrange the items .
Knocking noise in the water pipes	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 qualified plumber.
The dishes are not clean	The dishes were not loaded correctly.	See notes in "Loading & unloading your dishwasher".
	The program was not powerful enough.	Select a more intensive program.

Problem	Possible Causes	What To Do
The dishes are not clean.	Not enough detergent was dispensed.	Use more detergent, or change your detergent.
	Items are blocking the movement of the spray arms.	Rearrange the items so that the spray can rotate freely.
	The filters are not clean or not correctly installed in the base of the tub.	Clean and/or fit the filter correctly. Clean the spray arm jets.
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.
Black or grey marks on dishes	Aluminium utensils have rubbed against dishes	Use a mild abrasive cleaner to eliminate those marks.
Detergent left in dispenser	Dishes block detergent dispenser	Re-load the dishes properly.
The dishes aren't drying	Improper loading	Load the dishwasher as suggested in the directions.
	Too little rinse aid	Increase the amount of 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 come out. Take out the dishes until the inside temperature is safe to touch. Unload the lower basket first to prevent the dropping water from the upper basket.

Problem	Possible Causes	What To Do
The dishes aren't drying	Wrong program has been selected.	With a short program, the washing temperature is lower, decreasing cleaning performance. Choose a program with a long washing time.
	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

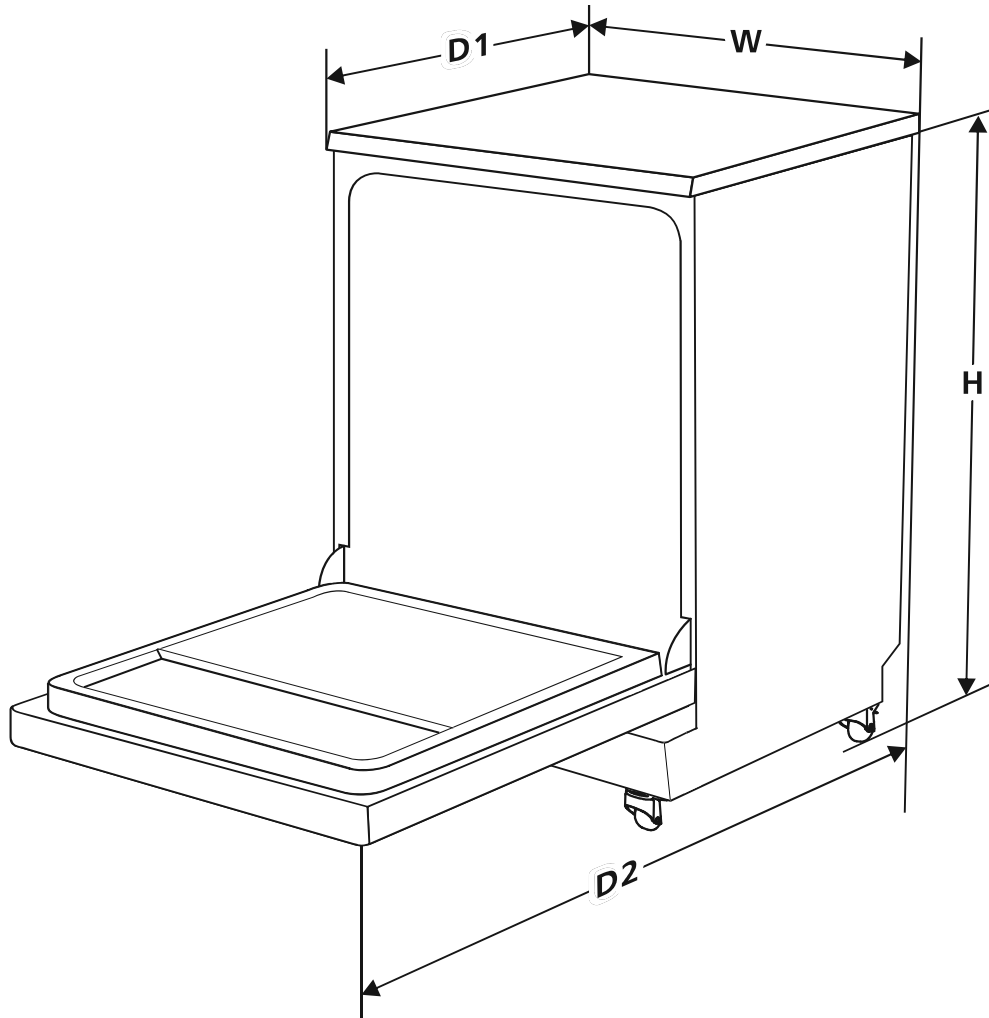
If there is a malfunction, the dishwasher will display error codes to identify these:

Codes	Meanings	Possible Causes
E1	Longer inlet time.	The faucet is not open, is not opened, or water intake is restricted, or water pressure is too low.
E3	Not reaching required temperature.	Malfunction of heating element.
E4	Overflow.	Some element of dishwasher leaks.

⚠ WARNING

- If overflow occurs, turn off the main water supply before calling a service.
- If there is water in the base pan because of an overfill or small leak, the water should be removed before restarting the dishwasher.

TECHNICAL INFORMATION



Height (H)	35.63 inches
Width (W)	23.55 inches
Depth (D1)	23.63 inches (with the door closed)
Depth (D2)	46.36 inches (with the door opened 90°)

Product specifications

Manufacturer	Sunpentown
Type / Description	SD-6513SS / SD-6513W
Standard place setting	10
Standard cleaning cycle	Normal
Energy consumption of the standard cleaning cycle	0.55-0.73 kWh
Water consumption of the standard cleaning cycle	10.8-21.5 L
Annual energy consumption	237 kWh
Noise level	52 dB(A) re 1 pW
Mounting	Portable
Could be built-in	No
Rated power usage (Heater)	1000W
Rated voltage / frequency	AC 120V/60Hz
Used water pressure	20-120 psi (140-830 kPa)



Your Guarantee

If this product is found to be faulty as a result of faulty materials or workmanship within one year from date of purchase, it will be repaired free of charge.

This guarantee is subject to the following terms:

- Sunpentown must be notified of the fault.
- Proof of purchase must be presented to Sunpentown's nominated representative.
- The warranty will be void if the product is modified, misused or repaired by an unauthorized person.
- The warranty after repair will not be extended beyond the original one-year period.
- All replacement parts will be new or reconditioned.
- Parts, which are replaced, become the property of Sunpentown.
- The warranty applies for the use of the product in the USA only.

What is NOT COVERED:

- Warranty does not include freight charges.
- Damage due to installation error, product abuse and/or misuse.
- Incidental or consequential damage caused by possible defects with this product.
- Labor cost incurred for the installation and/or removal of a possible defective unit.
- Damage to product caused by improper power supply voltage, accident, fire, floods or acts of nature.
- Failure of product resulting from unauthorized modifications to the product.
- Improper installation or failure to perform the necessary maintenance.
- Normal wear and tear on parts or replacement of parts designed to be replaced.
- Damage to personal property from use of product.
- Replacement or repair of household fuses, circuit breakers, wiring or plumbing.

This GUARANTEE is in addition to your Statutory Rights

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