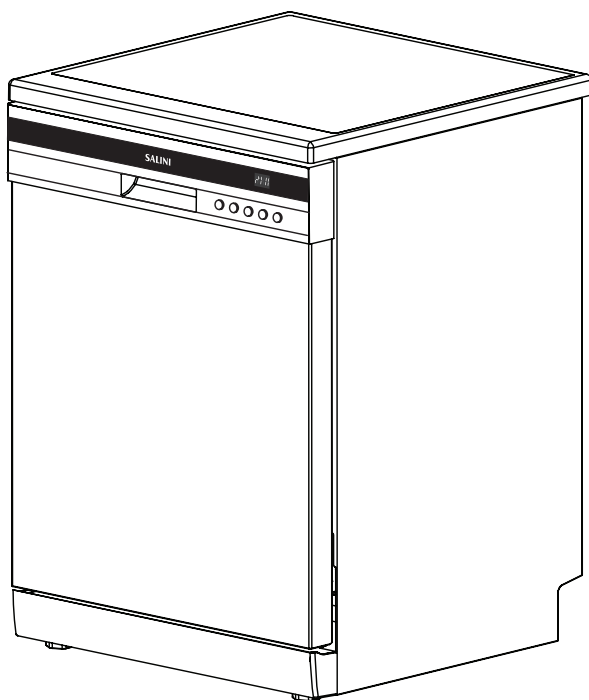


SALINI

DISHWASHER User Manual & Installation



SDF-4012S

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Installation of the appliance must only be undertaken by a licensed installer.

This manual contains important information including safety, operational & installation information which will enable you to get the most out of your appliance. Please keep it in a safe place so that it is easily available for future reference; for you or any person not familiar with the operation of the appliance.

IMPORTANT SAFETY INFORMATION

GENERAL INFORMATION



WARNING! Do not use or attempt to install this appliance until you have read this instruction manual. This appliance is intended for household use only.

- Carefully read the following important information regarding installation safety and maintenance before using the appliance.
- Check the appliance for damage after unpacking it. Do not connect or install the appliance if it has been damaged in transport as this will void the warranty.
- **IMPORTANT!** Your product warranty will be void if the installation is not in accordance with the instructions. The installation must be carried out by a suitably qualified person, in accordance with the manufacturer's instructions, and must be connected in accordance with all applicable electrical and plumbing regulations.
- This appliance is designed for domestic household.
- The use of this appliance for any other purpose or in any other environment will void warranty.
- Your new appliance is guaranteed against electrical or mechanical defects, subject to certain exclusions, the foregoing does not affect your statutory rights.
- Repairs may only be carried out by an authorised service engineer or an authorised service agent.

SAFETY INFORMATION



WARNING! Hydrogen gas is explosive.

- Under certain conditions, Hydrogen gas may be produced in a hot-water system that has not been used for two weeks or more. HYDROGEN GAS IS EXPLOSIVE. If the hot-water system has not been used for such a period, before using the dishwasher turn on all hot-water taps and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
- Do not abuse, sit on, or stand on the door or dish basket 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 or stand on the door when it is open. The appliance could tip forward.
- **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 loading items to be washed:
 - Place sharp items where they are not likely to damage the door seal;
 - Load sharp knives with the handles up to reduce the risk of cut-type injuries;

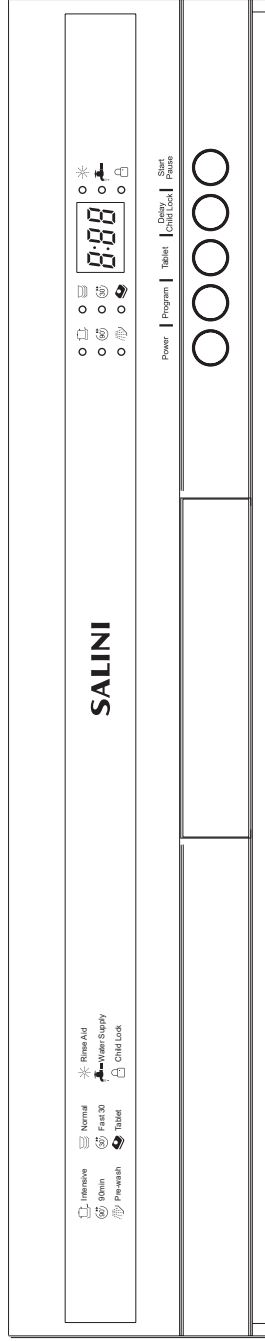
- When using your dishwasher, you should prevent plastic items from making contact with heating element.
- Check that the detergent receptacle is empty after completion of the wash cycle.
- Do not wash plastic items unless they are marked dishwasher safe or the equivalent. For plastic items not so marked, 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.
- 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.
- This product is not designed for use by persons (including children) who have reduced physical, sensory or mental capacities or persons with no experience or knowledge, unless they are instructed and supervised in the use of the appliance by a person responsible for their safety.
- 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 hazard.
- 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.
- Use the dishwasher only for its intended use.
- 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 the old hose-sets should not be reused.
- Make sure that the carpet must not obstruct the openings at the bottom base.
- Indoor use only.



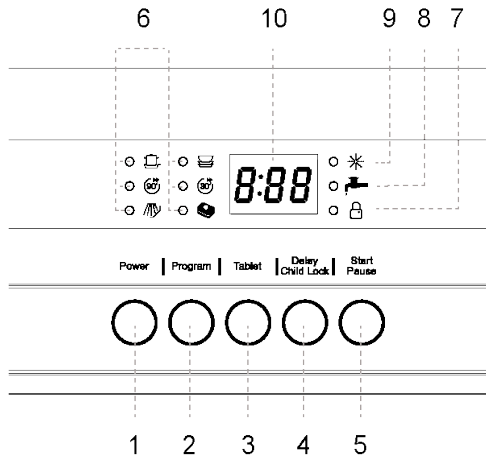
IMPORTANT! To get the best performance from your dishwasher, read all operating instructions before using it for the first time.

APPLIANCE OPERATION

CONTROL PANEL



CONTROL PANEL BUTTONS & INDICATOR LIGHTS

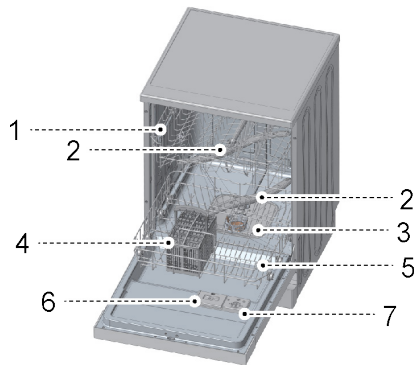


Button Detail

Button	Function Detail
1	Power Switch - Press this button to turn the power on or off.
2	Program Select - Press this button to select the program.
3	3 in 1 - Press this button to choose or cancel the "3 in 1" function.
4	Delay Start / Child Lock - The Delay Start will allow you to delay the start time of any cycle automatically up to 24 hours. The Child Lock will be available when you press the button for 3 seconds, and "LO" flashes 6 times on digital displays.
5	Start / Pause Button - The appliance will start or pause the expected washing cycle.

Indicator Detail

Icon	Function Detail
6	Program Indicator - When you select a washing program, the corresponding light will display.
7	Child Lock Indicator - The Child Lock will be activated when you press the Child Lock buttons for 3 seconds, and the Child Lock indicator lights up after flashing 6 times.
8	Check Water Supply Indicator - The indicator lights up if the tap is turned off or the water supply interrupted or supply hose is kinked.
9	Rinse Aid Refill Indicator - The indicator lights up when dispenser needs to be refilled.
10	Digital Display - Displays the cycle remaining run time, malfunction codes and delay time.



Components

Item	Detail	Item	Detail
1	Upper Basket	5	Lower Basket
2	Spray Arms	6	Detergent Dispenser
3	Filters	7	Rinse Aid Dispenser
4	Cutlery Basket		

BEFORE FIRST USE



IMPORTANT! Remove all packaging from the inside before use.

Before using your dishwasher for the first time:

- Fill the rinse aid dispenser.
- Add detergent.

RINSE AID INFORMATION

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

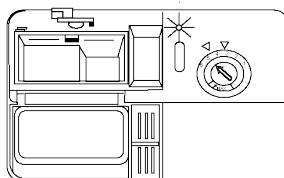
You can see the amount of rinse-aid by the colour of the optical level indicator located next to the cap. When the rinse-aid container is full, the whole indicator will be dark. As the rinse aid diminishes, the size of the dark dot decreases. You should never let the rinse aid get below 1 / 4 full. As the rinse aid diminishes, the size of the black dot on the rinse aid level indicator changes, as illustrated below.

Level Indicator

- Full
- 3 / 4 full
- 1 / 2 full
- 1 / 4 full *
- Empty

* Should refill to eliminate spotting

Rinse Aid Indicator



ADDING RINSE AID TO THE DISPENSER

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

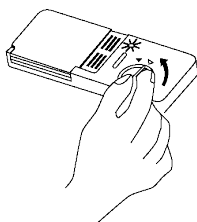
Your dishwashers are designed to use liquid rinse aids. The rinse aid dispenser is located inside the door next to the detergent dispenser.

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 140ml. 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.

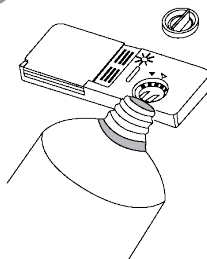


Clean up any rinse aid split during filling with an absorbent cloth to avoid excess foaming during the next wash.

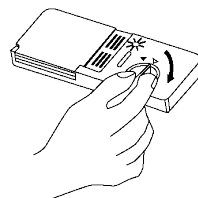
1



2



3



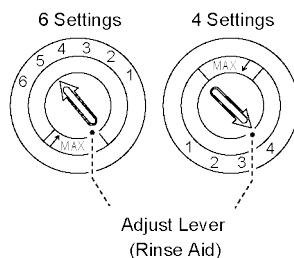
1. To open the dispenser, turn the cap to the "open" (left) arrow and lift it out.
2. Pour the rinse aid into the dispenser, be careful not to overfill.
3. Replace the cap by inserting it aligned with "open" arrow and turning it to the "closed" (right) arrow.

ADJUSTING THE RINSE AID DISPENSER

The rinse aid dispenser has six or four settings. Always start with the dispenser set on "5". If spots and poor drying are problems, increase the amount of rinse aid dispensed by removing the dispenser lid and rotating the dial to "6". The factory setting default is set in position 5 or 4.



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



DETERGENT INFORMATION

Detergents with its chemical ingredients are necessary to clean soiled dishes, it breaks down the dirt and transports it out of the dishwasher. Most of commercial quality detergents are suitable for this purpose. 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. Please observe the manufacturer's dosing and storage recommendations as stated on the detergent packaging.

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 the "normal" washing program in conjunction with concentrated detergents reduces pollution and is recommended for the best results; these washing programs are specially matched to the dirt-dissolving properties of the enzymes of the concentrated detergent. For this reason "normal" washing program in which concentrated detergents are used can achieve the same results that can otherwise only be achieved using "intensive" program.

DETERGENT TABLETS

Detergent tablets of different brands dissolve at different speeds. For this reason some detergent 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.

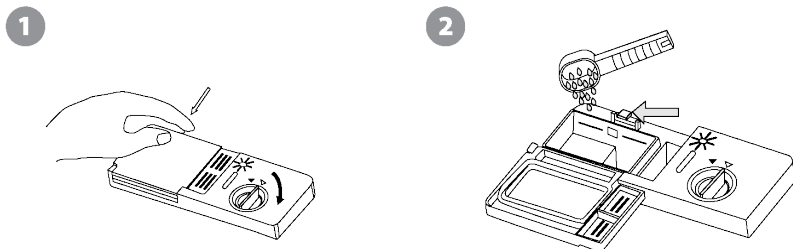
DETERGENT DISPENSER

The dispenser must be refilled before the start of each washing cycle. Your dishwashers use less detergent and rinse aid than conventional dishwashers. Generally, only one tablespoon of detergent is needed for a normal wash load. More heavily soiled items may need more detergent. Always add the detergent just before starting dishwasher, otherwise it could get damp and will not dissolve properly.

Please refer to the information about the amount of detergent each washing program in the "Wash Cycle Table". There may be differences due to the level soiling and the specific hardness of water, adjust requirements as needed.

ADDING THE DETERGENT

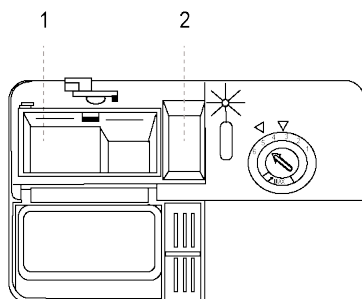
1. If the lid is closed: press release button. The lid will spring open.
2. Add the detergent
3. Press closed until it locks in place.



AMOUNT OF DETERGENT TO USE

Please refer to the information about the amount of detergent each washing program in the “Wash Cycle Table”. There may be differences due to the level soiling and the specific hardness of water, adjust requirements as needed. 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. Please observe the manufacturer’s recommendations on the detergent packaging.

1. The place of main wash cycle detergent placed, MIN means approximately 20g of detergent.
2. The place of pre-wash cycle detergent placed, approximately 5g of detergent.
3. Close the lid and press until it locks in place.



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

LOADING THE DISHWASHER

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

Features and appearance of baskets and cutlery tray in this manual may vary from your model.

BEFORE LOADING THE DISHES

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

Place objects in the dishwasher in the following way:

- Items such as cups, glasses, pots/pans, etc. are placed upside down.
- Curve items, or those with recesses, should be at a slant so that water can run off.
- Items are stacked securely and to prevent them tipping over during the cycle.
- Dishes and items of cutlery must not lie inside one another, or cover each other.
- Items do not prevent the spray arms from rotating while washing takes place.
- Ensure all items you load as dishwasher safe.
- Pre-soak to soften remnants of burnt or hardened food in pans.

Do not:

- Overload your dishwasher, it is designed to 12 standard dishes per load.
- Wash items that are dirty of cigarette ash, candle wax, lacquer or paint.
- Pull out the upper and lower baskets at the same time when the dishwasher is loading, as heavy loads may lead to tipping.
- Wash very small items as they could easily fall out of the baskets.



WARNING! Knives and other utensils with sharp points must be loaded in the basket with their points down or placed in a horizontal position.

ITEMS NOT SUITABLE FOR THE DISHWASHER

We recommend that you follow manufacturer instructions to determine if an item is dishwasher safe. Below are some examples of items not suitable to be washed in the dishwasher:

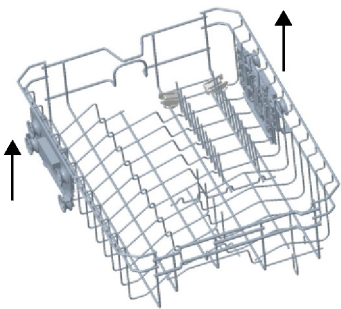
- Cutlery or platters with wooden, horn china or mother-of-pearl handles
- Plastic items that are not heat resistant
- Older cutlery with glued parts that is not temperature resistant
- Bonded cutlery items or dishes
- Pewter, copper items, or steel items subject to rusting or corroding
- Lead crystal glasses
- Items made from synthetic fibers

UPPER BASKET HEIGHT ADJUSTMENT

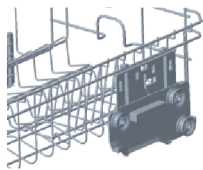
Basket height adjustment mechanism on the upper basket of your machine is designed to let you adjust the height of your upper basket upwards or downwards, without removing it from your machine when it is full, and create large spaces at the top or bottom area of your machine as needed. The basket of your machine is set to lower position in factory settings.

In order to raise the basket, hold it from both sides and pull it upwards. In order to lower it, hold it from both sides again, and let it lower.

In loaded basket adjustment mechanism, make sure that both sides are in the same position (up or down).

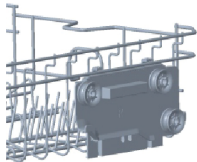


1



Upper Position

2

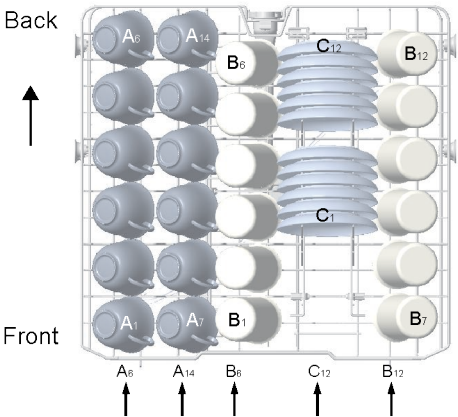


Lower Position

LOADING THE UPPER BASKET

The upper basket 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.

Upper Basket



Upper Basket	
Type	Item
A	Cup/Mug
B	Glass
C	Saucer

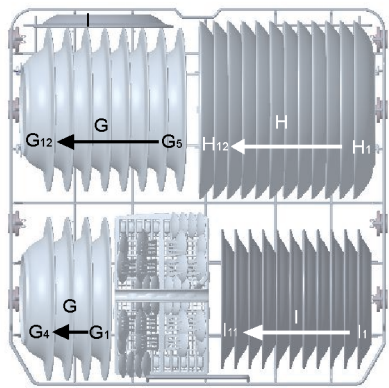
LOADING THE LOWER BASKET

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

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

Pots, serving bowls, etc. must always be placed top down.

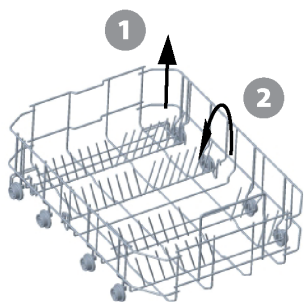
Lower Basket



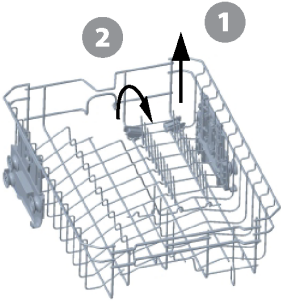
Lower Basket	
Type	Item
G	Soup plate
H	Dinner plate
I	Dessert plate

UPPER AND LOWER BASKET FOLDING RACKS

Folding racks consisting of two parts that are located on the upper and lower basket of your machine are designed in order to let you place big items easier as pots, pans, etc. If requested, each part can be folded separately, or all of them can be folded and larger can be obtained. You can use folding racks by raising them upwards, or by folding.



Lower Basket

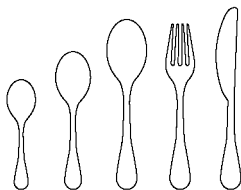
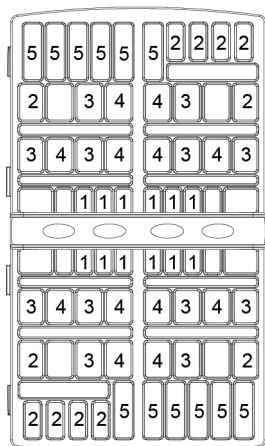


Upper Basket

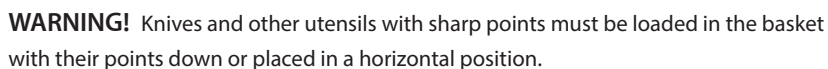
Cutlery should be placed in the cutlery basket with handles at the bottom. If the tray has side baskets, the spoon should be loaded individually into the appropriate slots. Especially long utensils should be placed in the horizontal position at the front of the upper basket.



Suggested Layout



Cutlery Basket	
Type	Item
1	Teaspoons
2	Dessert Spoons
3	Soup Spoons
4	Forks
5	Knives



DAMAGE TO GLASSWARE AND OTHER DISHES

Possible causes for damaged glassware and other items:

- o Type of glass or manufacturing process.
- o Chemical composition of detergent.
- o Rinse aid or detergent causing damage to finish.
- o Water temperature and duration of dishwasher program.
- o Loading into the dishwasher too closely and items touching.

Suggested remedy:

- o Use glassware or porcelain dishes that have been marked dishwasher-safe by the manufacturer.
- o Use a mild detergent that is described as kind of dishes. If necessary, seek further information from detergent manufacturers.
- o Select a program with a low temperature.
- o To prevent damage, take glass and cutlery out of the dishwasher as soon as possible after the program has ended.
- o Water temperature and duration of dishwasher program.
- o Load items so they are not touching.

AT THE END OF THE WASH

When the washing cycle finished, the buzzer emits 6 short signals, and all the indicator turn off except the power indicator.

1. Switch off the appliance via the "Power" button.
2. Turn the water tap off.
3. Remove the items when they have cooled down.



Wait a few minutes before unloading the dishwasher to avoid handling the dishes and utensils while they are still hot and more susceptible to breakage. They will also dry better.

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.

WASH PROGRAMS

WASH CYCLE TABLE

Program	Cycle Selection	Description	Detergent Pre + Main	Run Time (min)	En- ergy (kWh)	Water (L)
 Intensive	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 (40°C) Main wash (55°C) Rinse Hot rinse (65°C) Drying	5/25g	145	1.200	15.5
 Normal	For normally soiled loads, such as pots, plates, glasses and lightly soiled pans. Standard daily cycle.	Main wash (45°C) Rinse Hot rinse (49°C) Drying	5/25g	112	0.730	11.8
 90 Minute	For lightly and normally soiled plates and pans for every day. (Run cycle immediately after use)	Pre-wash Main wash (50°C) Rinse Hot rinse Drying	5/20g	90	0.890	14
 30 Minute	A shorter wash for lightly soiled loads that do not need drying.	Main wash (40°C) Hot rinse	15g	30	0.500	7
 Pre-Wash	To rinse dishes that you plan to wash later that day.	Pre-wash	\	8	0.010	4

AS/NZS 2007.1:

The normal program is the tested wash cycle. The information for comparability test in accordance with AS/NZS.2007.1 as follows:

- Capacity: 12 settings
- Position of Upper basket: Upper wheels on rails
- Rinse aid setting: 6 (or 4 for four setting dispenser)



We recommend you open the door slightly 50mm to assist in drying of the dishes after every wash.

OPERATING THE APPLIANCE

TURNING ON THE APPLIANCE & RUNNING A PROGRAM

1. Make sure that the water supply is turned on to full pressure.
2. Ensure that the power is connected, the plug is connected to the socket. The power supply is 220-240V AC 50 Hz, the specification of the socket is 12 A 250 VAC.50 Hz.
3. Open the door.
4. Draw out the lower and upper basket, load the dishes (See the section "Loading the Dishwasher")
5. Load the detergent and aid. (See the section "Before First Use")
6. Close the door and press the "Power" button.
7. Press the "Program" button to select a desired "Wash Cycle" (See the section "Wash Cycle Table")
8. With a little force to ensure the door is properly closed.

CHANGE THE PROGRAM

A cycle that is underway can only be modified if it has only been running for a short time. Otherwise, the detergent may have already been released, and the appliance may have already drained the wash water. If this is the case, the detergent dispenser must be refilled (see the section "Fill in the Detergent").

1. Press the "Power" button to cancel the program.
2. Turn on it again and restart a new washing cycle.

If you open the door when washing, the machine pauses and warning alarm rings, the display appears E1. When you close the door, the machine will keep on working after 10 seconds. The 5 program lights show the state of the dishwasher:

- a) All program lights off --> stand by
- b) One of the program lights on --> cycle running
- c) One of the program lights blinking --> pause

If all the lights begin to glimmer, that indicates the machine is out of order, please turn off the main power and water supply before calling a service.

ADDING FORGOTTEN ITEM AFTER PROGRAM HAS BEGUN

A forgotten dish can be added any time before the detergent cup opens. Press the "Power" button to cancel the program.

1. Open the door a little to stop the washing.
2. After the spray arms stop working, you can open the door completely.
3. Add forgotten dishes.
4. Close the door, the dishwasher will work after ten seconds.



WARNING! It is dangerous to open the door when in operation as the hot water may scald you. Hot steam and water can be released if the door is opened whilst in operation.

WHEN THE PROGRAM HAS ENDED

The status indicator will light up only in this case the program has ended. Open the door carefully. Hot steam may escape when the door is opened!

1. Switch off the dishwasher by pressing the “Power” button.
2. Turn off the water tap.
3. Open the door carefully, hot steam may escape when the door is opened.
4. Leave it ajar and wait a few minutes before removing the dishes. In this way they will be cooler and the drying will be improved.

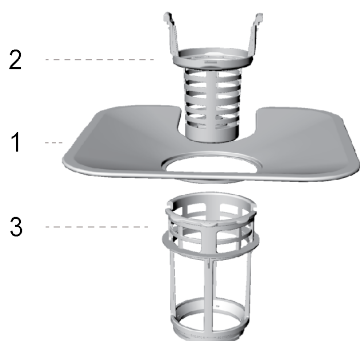
Hot dishes are sensitive to knocks. The dishes should therefore be allowed to cool down around 15 minutes before removing from the appliance. It is normal that the dishwasher is wet inside. Empty the lower basket first and then the upper one. This will avoid water dripping from the upper basket onto the dishes in the lower one.

CLEANING & MAINTENANCE

FILTERING SYSTEM

The filter is used to avoid the big remnants and other sundries getting inside the pump. The residue can obstruct the filter, regular cleaning will reduce this from occurring.

The filter system consists of a coarse filter, a flat (main filter) and a micro filter (fine filter).



1 Flat filter

Food and debris will be trapped by a special jet on the lower spray arm.

2 Coarse filter

Big debris, such as bone and glass that could clog the drain will be 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.

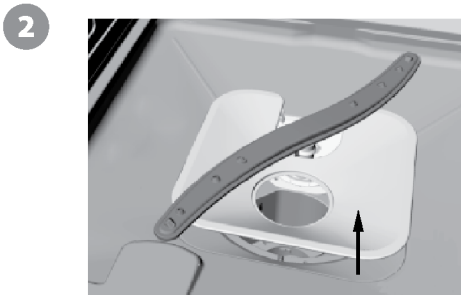
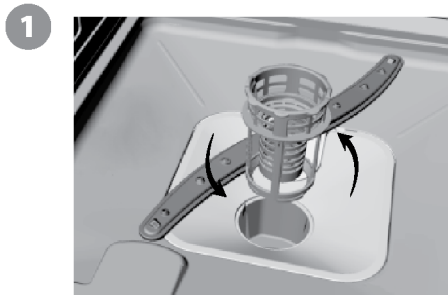
3 Micro filter

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.

1. Contra-rotate the coarse filter and then lift it up.
2. Once coarse filter is loose, lift the flat filter up.



To assemble and tighten the filter back up, follow in reverse. The filter system must be correctly installed to ensure that the water is filtered correctly within the washing cycle.

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.

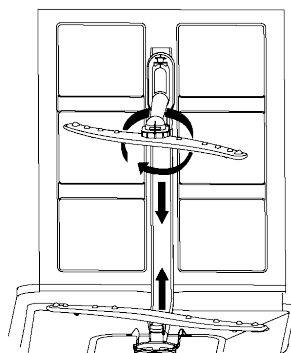
To clean the coarse filter and the micro filter, use a cleaning brush. Then, reassemble the filter parts as shown in the figures above and reinsert the entire assembly in the dishwasher, positioning in its seat and pressing downward. The dishwasher must never be used without the filters. Improper replacement of the filter may reduce the performance level of the appliance.



WARNING! Never run the dishwasher without the filters installed. When cleaning the filters, take care not to damage them as the performance of the dishwasher could be effected.

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 arms, screw off the nut clockwise 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 thoroughly.



CLEANING THE DISHWASHER

To clean the control panel, use a lightly dampened cloth then dry thoroughly. To clean the exterior, use a good quality appliance cleaner. Never use sharp objects, scouring pads or harsh cleaners on any part of the dishwasher. 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.

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 directly onto the door. Never use abrasive cleaners or scouring pads on the outer surfaces because they will scratch the finish. Take care to clean the door seals as food can remain trapped within the folds and cause odour over time.

PROTECT AGAINST FREEZING

If your dishwasher is left in an unheated place during the winter in cold temperatures, ask a service technical 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 and the bottom and use a sponge to use up water in sump.

KEEPING YOUR DISHWASHER IN SHAPE

o Airing After Every Wash

After every wash, wipe down dishwasher with damp soapy cloth, then leave door slightly ajar so that moisture and odors are not trapped inside.

o 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.

o No Solvents or Abrasive Cleaning

To clean the exterior and rubber parts of the dishwasher, do not use solvents or abrasive cleaning products. Use only a cloth and warm soapy water.

o Going 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 in the appliance.

o Keep Upright

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

o Remove the Plug

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

INSTALLATION

BEFORE INSTALLATION



WARNING! Installation of this appliance and any work on electric equipment and systems may only be carried out by a qualified electrician.

- This appliance is designed for domestic household use.
- Before connecting the appliance, make sure that the supply voltage marked on the rating label corresponds with your mains supply voltage.
- **WARNING!** Always switch off the electricity supply at the mains during installation and during maintenance to avoid the possibility of electric shock.



CAUTION! All specifications stipulated for the installation should be followed. Improper installation will void product warranty.

- Inspect appliance before installation, do not install damaged appliance.
- Read this manual before installation.
- Keep this manual with the dishwasher after installation.
- If the appliance must be moved at any time, keep it in an upright position; if absolutely necessary, it may be tilted onto its back.



CAUTION! Be careful of sharp edges they could cause injury when handling.

ELECTRICAL AND PLUMBING CONNECTIONS



WARNING! Connection to the water and electricity supplies should only be performed by a qualified electrician and plumber.

- All applicable local rules and regulations should be followed when installing this appliance.
- Once the appliance has been installed, the power supply cable and the electrical socket should be easily accessible.
- The dishwasher should not stand on top of the water hoses or the electricity supply cable.
- The cable should not be bent or compressed.
- If the power supply cable is damaged, it must be replaced by the manufacturer or an authorised service agent in order to prevent all potential hazards.
- When installing the water connections, this appliance must be connected to the water supply network using new plumbing. Do not use old plumbing.

POSITIONING & LEVELING

Before installing check the suitability of the appliance intended final position. Position the dishwasher on a level and sturdy floor. If the floor is uneven, the front feet of the appliance may be adjusted until it reaches a horizontal position (the angle of inclination must not exceed 2 degrees). If the appliance is levelled correctly, it will be more stable and much less likely to move or cause vibrations and noise while it is operation.

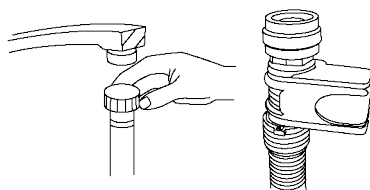
ELECTRICAL CONNECTION

Before inserting the plug into the electrical socket, ensure that:

- the socket is earthed and complies with current regulations
- the socket can withstand the maximum load of the appliance, which is indicated on the data plate
- located on the inside of the door (see description of the appliance);
- the power supply voltage falls within the values indicated on the data plate on the inside of the door
- the socket is compatible with the plug of the appliance. If this is not the case, ask an authorised technician to replace the plug, do not use extension cables or multiple sockets.

CONNECTING THE WATER INLET HOSE

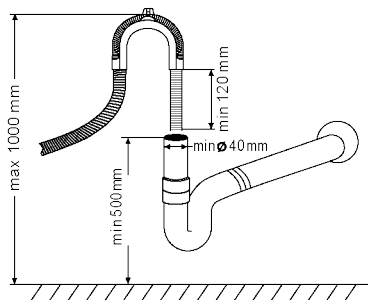
Connect the cold water supply hose to a threaded 3/4 (inch) connector and make sure that it is fastened tightly in place. If the water pipes are new or have not been used for an extended period of time, let the water run to make sure that the water is clear and free of impurities. If this precaution is not taken, there is a risk that the water inlet can get blocked and the appliance could be damaged.



CONNECTING THE WATER OUTLET HOSE

Insert the drain pipe into the sewer drain pipe. When the drain pipe is placed, the height of the outlet is between 0.5~1 meters.

IMPORTANT: The drain pipe can not be discounted, the drain pipe outlet must be fixed and as close as possible to the dishwasher, the dishwasher drainage distance is about 1~1.5 meters, the distance is too long will affect the dishwasher drainage effect, resulting in too much residual sewage in the drainage pipe, thus affecting the washing effect of the dishwasher.



THE FIRST WASH CYCLE

After the appliance has been installed, immediately before running the first wash cycle, completely fill the dispenser of rinse (see Rinse aid).

The followings should be checked before starting the dishwasher:

1. The dishwasher is level and fixed
2. The inlet valve is opened
3. There are no leakage at the connections of the conducts
4. The wires are tightly connected
5. The power is switched on
6. The inlet and drain hoses
7. The packing materials and documents should be taken out from the dishwasher



Keep the manual and other materials with the appliance after installation so that the new owner can access it and keep it for future reference.

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.

LEVELING 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°.

NOTE: The maximum adjustment height of the feet is 20mm.

HOW TO DRAIN EXCESS WATER FROM HOSES

Due to the external drainage pipe being higher than the lowest point of the sink, residual water cannot be completely discharged through the drainage pump. Therefore, it is necessary to remove the drainage pipe and place it horizontal on the ground, and discharge the water from the pipe into the corresponding container.

WATER OUTLET

Connect the water drain hose. The drain hose must be correctly fitted to avoid water leaks. Ensure that the water inlet hose is not kinked or squashed.

SYPHON CONNECTION

The waste connection must be at a height of between 50cm (minimum) and 100cm (maximum) from the bottom of the dish. The water drain hose should be fixed by a hose clip.

TROUBLESHOOTING

ERROR CODES

When the appliance is experiencing issues or malfunctions, the appliance will display below error codes to notify you.

Codes	Description	Possible Causes
E1	Door open	The door is opened when the dishwasher is operating
E2	Water inlet	Water inlet malfunction
E4	Temperature sensor	Temperature sensor malfunction
E5	Overflow / leakage	Overflow or water leakage occurs
E7	Heating element	Abnormal heating



WARNING! If water overflow occurs, turn off the main water supply before calling a service or repair agent.

TROUBLESHOOTING

Refer to the table to find possible causes and solutions to potential problem.

Problem	Possible Causes	What to do
Dishwasher won't run	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.
Drain pump doesn't stop	Overflow	The system is designed to detect an overflow. When it does, it shuts off the circulation pump and turns on the drain pump.

Problem	Possible Causes	What to do
Noise	Some audible sounds are normal	Sound from 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
Suds in the tub	Overflow	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 start the "soak" wash cycle to drain out the water... Repeat if necessary.
	Spilled rinse agent	Always wipe up rinse agent spills immediately.
Stained tub interior	Detergent with colorant was used	Make sure that the detergent is the one without colorant.
Dishes and flatware not clean	Improper program Improper basket loading	Select a stronger program. Make sure that the action of the detergent dispenser and spray arms are not blocked by large dishware
Spots and filming on glasses and flatware	Possible causes: 1. Extremely hard water 2. Low inlet temperature 3. Overloading the dishwasher 4. Improper loading 5. Old or damp powder detergent 6. Empty rinse agent dispenser 7. Incorrect dosage of detergent	To remove spots from glassware: 1. Remove 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.
Cloudiness on glassware	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.

Problem	Possible Causes	What to do
Yellow or brown film on inside surfaces	Tea or coffee stains	Using a solution of 1/2 cup of bleach and 3 cups of warm water to remove the stains by hand.
	Iron deposits in water can cause an overall film	You have to call a water softener company for a special filter.
White film on inside surface	Hard water minerals	To clean the interior, use a damp sponge with dishwasher detergent and wear rubber gloves. Never use any other cleaner than dishwasher detergent for the risk of foaming or suds.
The detergent dispenser lid cannot be closed properly	Clogged detergent residue is blocking the catch	Clean the detergent from the catch
Detergent left in dispenser	Dishes block detergent lid from opening	Re-loading the dishes properly to ensure lid can open in cycle.
Steam	Normal phenomenon	There is some steam coming through the vent by the door latch during drying and water draining
Black or gray marks on dishes	Aluminum utensils have rubbed against dishes	Use a mild abrasive cleaner on dishes to eliminate those marks
Water standing on the bottom of the tub	This is normal	A small amount of clean water around the outlet on the tub bottom keeps the water seal lubricated
Dishwasher leaks	Overfill dispenser or rinse aid spills	Be careful not to overfill the rinse aid dispenser. Spilled rinse aid could cause oversudsing and lead to overflowing. Wipe away any spills with a damp cloth.
	Dishwasher isn't level	Make sure the dishwasher is level.



WARNING! If water overflow occurs, turn off the main water supply before calling a service or repair agent.

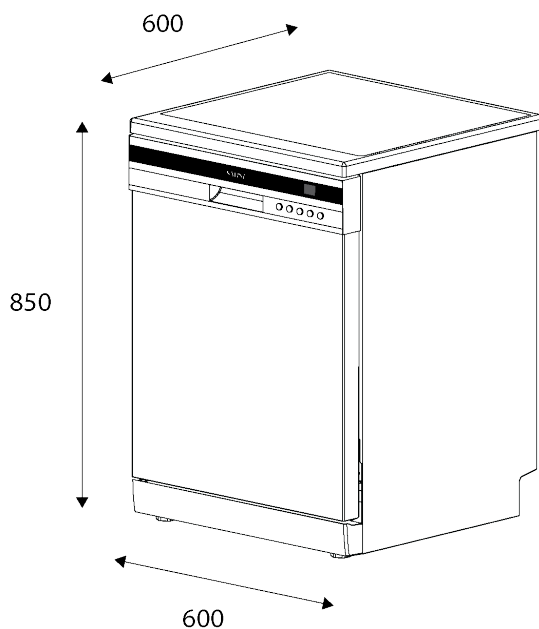


CAUTION! Do not attempt to repair the appliance yourself, call an authorised service or repair agent.

TECHNICAL DATA & SPECIFICATION

Specification

Model	SDF-4012S
Capacity	12 Place Setting
Width	600mm
Depth	600mm
Height	850mm
Water Pressure	0.04 -- 1.0MPa
Hot Water Connection	Max 60 °C
Rated Voltage	220-240V / 50Hz
Max Rated Inputs (Total power)	1850W



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