

Dishwasher Instruction Manual

PART I : Generic Version

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

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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- If lost or out-of-date, you can receive a new user manual from the manufacturer or responsible vendor.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:

- 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.(For EN60335-1)
- 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.(For IEC60335-1)

- 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.



Earthing Instructions

- This appliance must be earthed. In the event of a malfunction or breakdown, earthing will reduce the risk of an electric shock by providing a path of least resistance of electric current. This appliance is equipped with an earthing conductor plug.
- The plug must be plugged into an appropriate outlet that is installed and earthed in accordance with all local codes and ordinances.
- Improper connection of the equipment-earthing 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 centre. Therefore cut off the power supply cable and make the door closing device unusable.

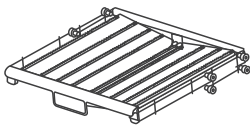
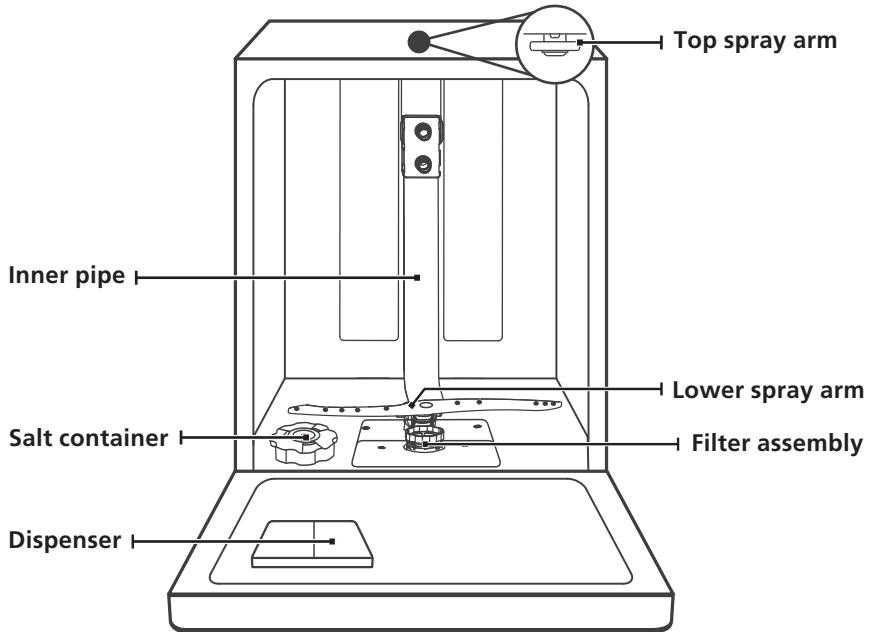


- Cardboard packaging is manufactured from recycled paper and should be disposed in the waste paper collection for recycling.
- By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused 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.**

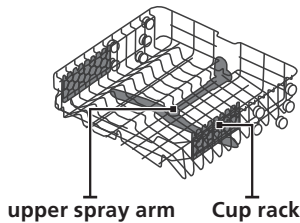
PRODUCT OVERVIEW

❗ IMPORTANT:

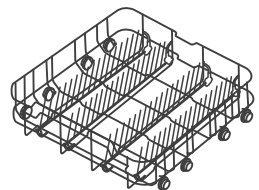
To get the best performance from your dishwasher, read all operating instructions before using it for the first time.



Cutlery rack



Upper basket



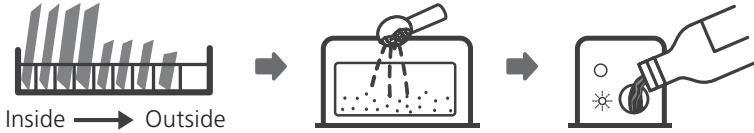
Lower basket

💡 NOTE:

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

USING YOUR DISHWASHER

Before using your dishwasher :



1. Loading the basket
2. Fill the rinse aid dispenser (Please check the section 1 of PART II : Special Version)
3. Fill in detergent (Please check the section 1 of PART II : Special Version)

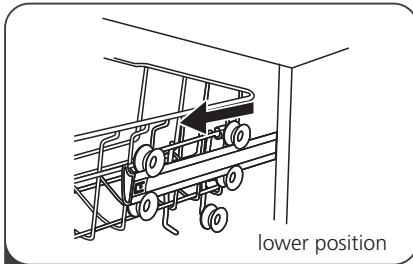
Basket Used Tips

Adjusting the upper basket

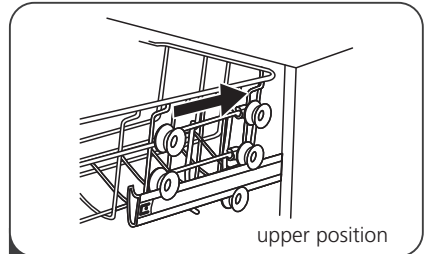
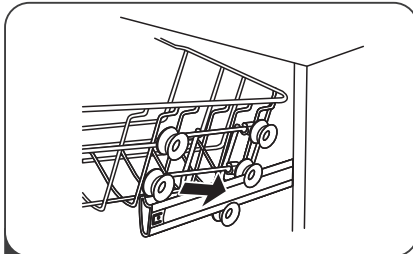
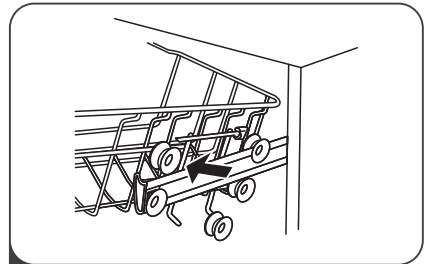
Type 1:

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

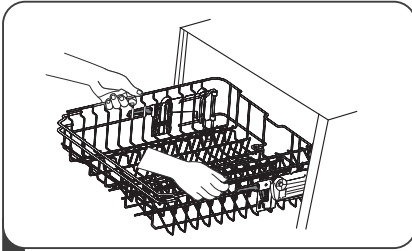
To adjust the height of the upper rack, follow these steps:



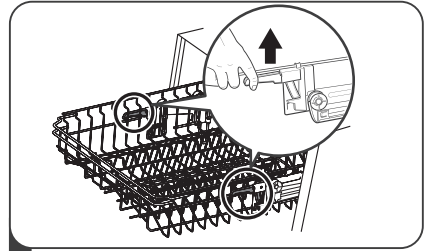
- 1 Pull out upper basket.



Type 2:



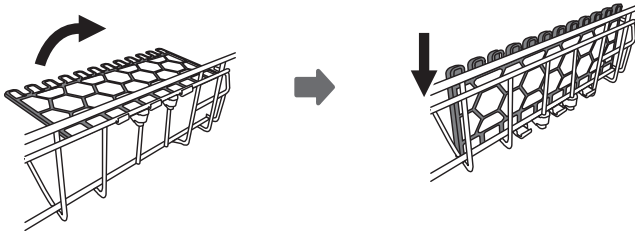
1 To raise the rack to the upper position, lift rack until both sides are at the same height. The rack will secure into place.



2 To lower the rack, push down on the handle and release.

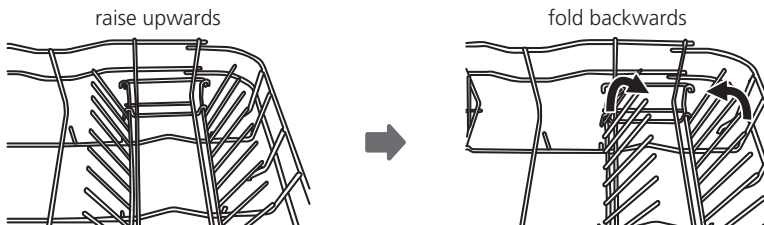
Folding back the cup shelves

To make room for taller items in the dishwasher 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.



Folding back the rack shelves

The spikes are used for holding plates and a platter. They can be lowered to make more room for large items.



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 wash cabinet 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 penetration of 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.

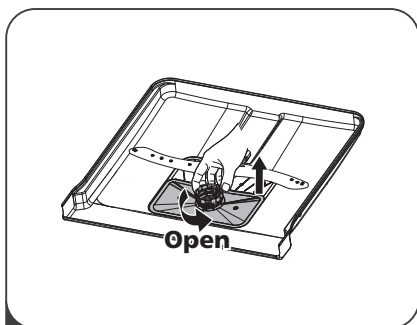
Internal Care

Filtering system

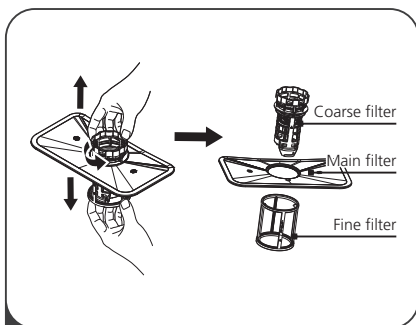
The filtering system in the base of the wash cabinet retains coarse debris from the washing cycle. The collected coarse debris may cause the filters to clog. Check the condition of the filters regularly and clean them if necessary under running water. Follow the steps below to clean the filters in the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

NOTE:

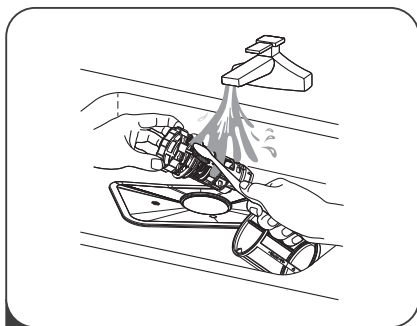
Pictures are only for reference, different models of the filtering system and spray arms may be different. Please prevail in kind.



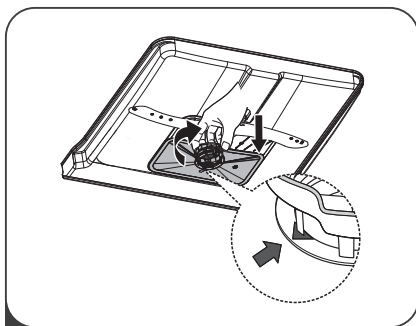
- 1 Hold the coarse filter and rotate it anticlockwise to unlock the filter. Lift the filter upwards and out of the dishwasher.



- 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.

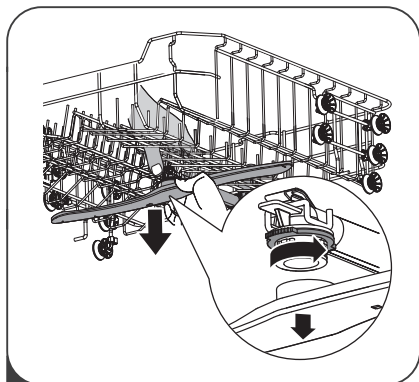
⚠ WARNING

- 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.

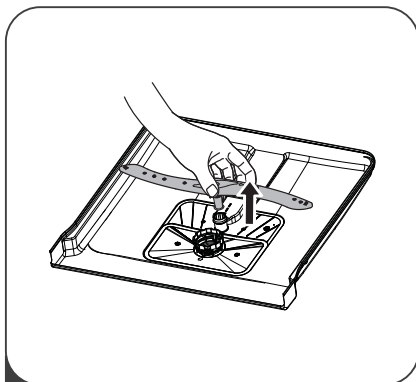
Spray arms

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

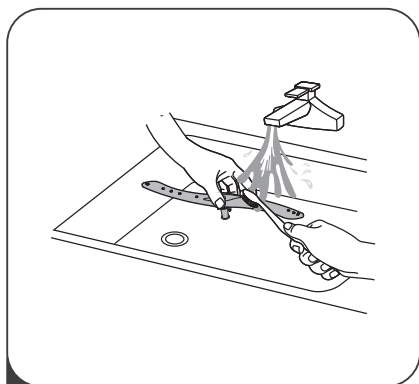
To clean the spray arms, follow the instructions below:



- 1** To remove the upper spray arm, hold the nut in the centre 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 fter washing 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 filter 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 odours are not trapped inside.

Remove the plug

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

No solvents or abrasive cleaning

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

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

When not in use for a longtime

It is recommend that you run a wash cycle with the dishwasher empty and then remove the plug from the socket, turn off the water supply and leave the door of the appliance slightly open. This will help the door seals to last longer and prevent odours from forming within the appliance.

Moving the appliance

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

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/13A/16A, 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 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 a adaptors or the like as they could cause overheating and burns.

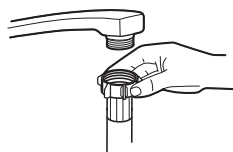
⚠ Ensure that proper earthing exists before use

Water Supply And Drain

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. This precaution is needed to avoid the risk of the water inlet to be blocked and damage the appliance.



ordinary supply hose



safety supply hose

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 connect the safety supply hose

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.

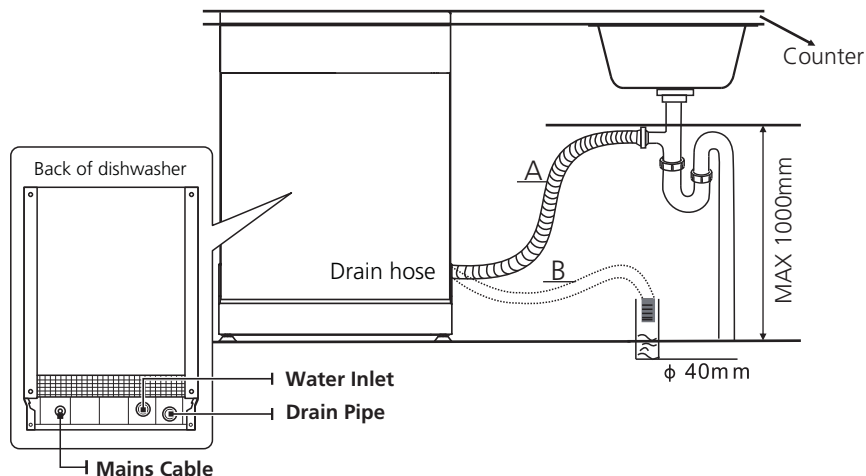
How to disconnect the safety supply hose

1. Turn off the water.
2. Unscrew the safety supply hose from the faucet.

Connection Of Drain Hoses

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 it. The height of drain pipe must be less than 1000mm. The free end of the hose must not be immersed in water to avoid the back flow of it.

⚠ Please securely fix the drain hose in either position A or position B



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.

Water outlet

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

Extension hose

If you need a drain hose extension, make sure to use a similar drain hose. It must be no longer than 4 metres; otherwise the cleaning effect of the dishwasher could be reduced.

Syphon connection

The waste connection must be at a height less than 100 cm (maximum) from the bottom of the dish. The water drain hose should be fixed .

Position The Appliance

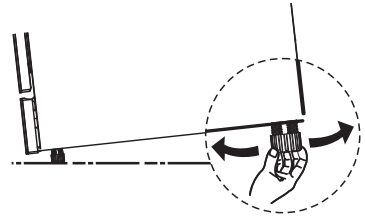
Position the appliance in the desired location. The back should rest against the wall behind it, and the sides, along the adjacent cabinets or walls. The dishwasher is equipped with water supply and drain hoses that can be positioned either to the right or the left sides to facilitate proper installation.

Levelling the appliance

Once the appliance is positioned for levelling, the height of the dishwasher may be altered via adjustment of the screwing level of the feet.

NOTE:

Only apply to the free standing dishwasher.

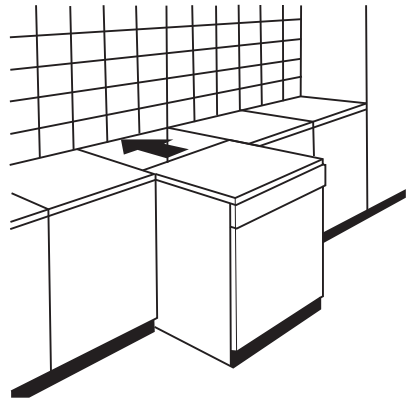


Free Standing Installation

Fitting between existing carbinets

The height of the dishwasher, 845 mm, has been designed in order to allow the machine to be fitted between existing cabinets of the same height in modern fitted kitchens. The feet can be adjusted so that correct height is reached.

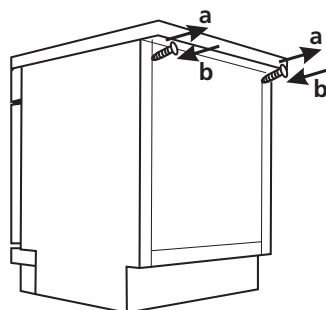
The laminated top of the machine does not require any particular care since it is heatproof, scratchproof and stainproof.



Underneath existing work top

(when fitting beneath a work top)

In most modern fitted kitchens there is only one single work top under which cabinets and electrical appliances are fitted. In this case remove the work top of the dishwasher by unscrewing the screws under the rear edge of the top (a).



⚠ Attention

After removing the work top, the screws MUST BE screwed again under the rear edge of the top (b).

The height will then be reduced to 815 mm, as scheduled by the International Regulations (ISO) and the dishwasher will fit perfectly under the kitchen working top

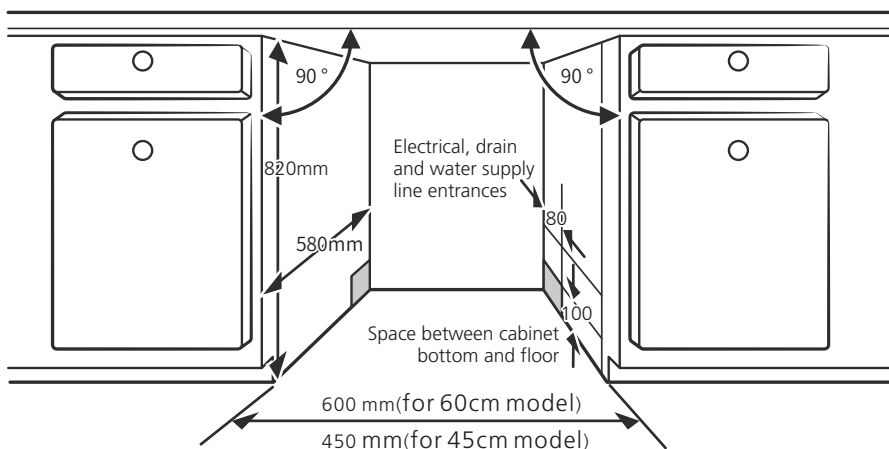
Built-In Installation(for the integrated model)

Step 1. Selecting the best location for the dishwasher

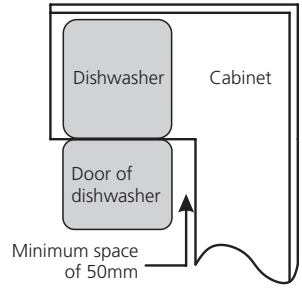
The installation position of dishwasher should be near the existing inlet and drain hoses and power cord.

Illustrations of cabinet dimensions and installation position of the dishwasher.

1. Less than 5 mm between the top of dishwasher and cabinet and the outer door aligned to cabinet.



2. If dishwasher is installed at the corner of the cabinet, there should be some space when the door is opened.



NOTE:

Depending on where your electrical outlet is, you may need to cut a hole in the opposite cabinet side.

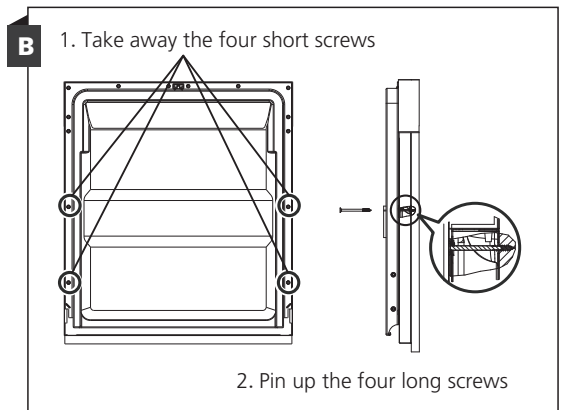
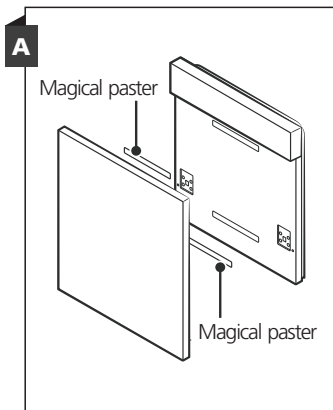
Step 2. Aesthetic panel's dimensions and installation



The aesthetic wooden panel could be processed according to the installation drawings.

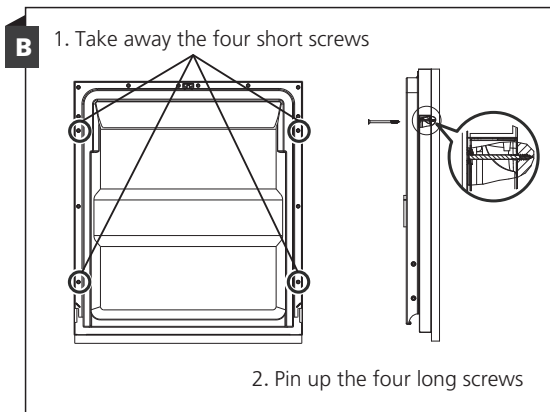
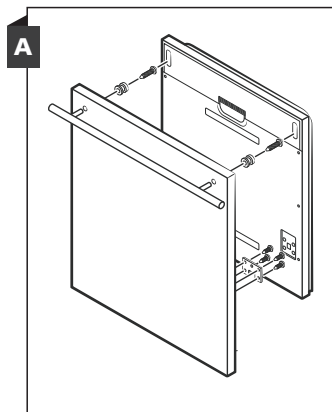
Semi-integrated model

Magical paster A and magical paster B be disjoined on, magical paster A on the aesthetic wooden panel and felted magical paster B of the outer door of dishwasher (see figure A). After positioning of the panel, fix the panel onto the outer door by screws and bolts (See figure B).



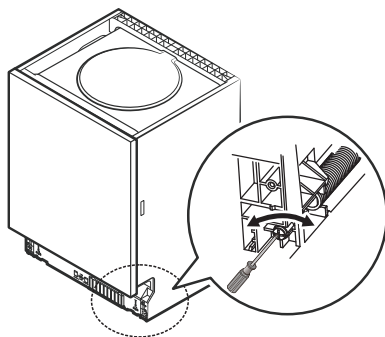
Full-integrated model

Install the hook on the aesthetic wooden panel and put the hook into the slot of the outer door of dishwasher (see figure A). After positioning of the panel, fix the panel onto the outer door by screws and bolts (See figure B).



Step 3. Tension adjustment of the door spring

1. The door springs are set at the factory to the proper tension for the outer door. If aesthetic wooden panel are installed, you will have to adjust the door spring tension. Rotate the adjusting screw to drive the adjustor to strain or relax the steel cable.
2. Door spring tension is correct when the door remains horizontal in the fully opened position, yet rises to a close with the slight lift of a finger.

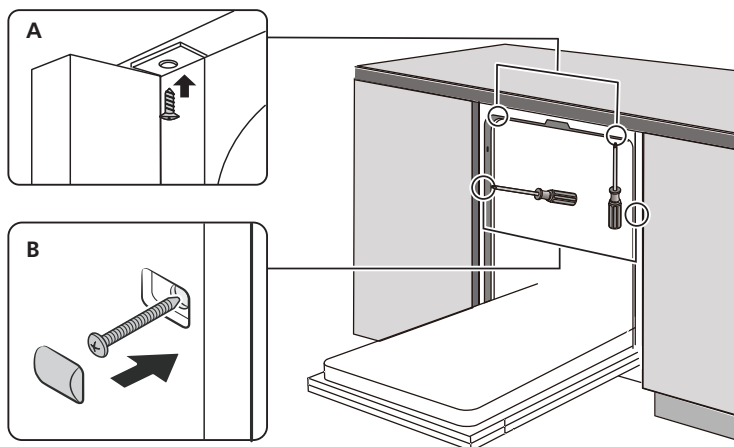


Step 4. Dishwasher installation steps



Please refer to the specified installation steps in the installation drawings.

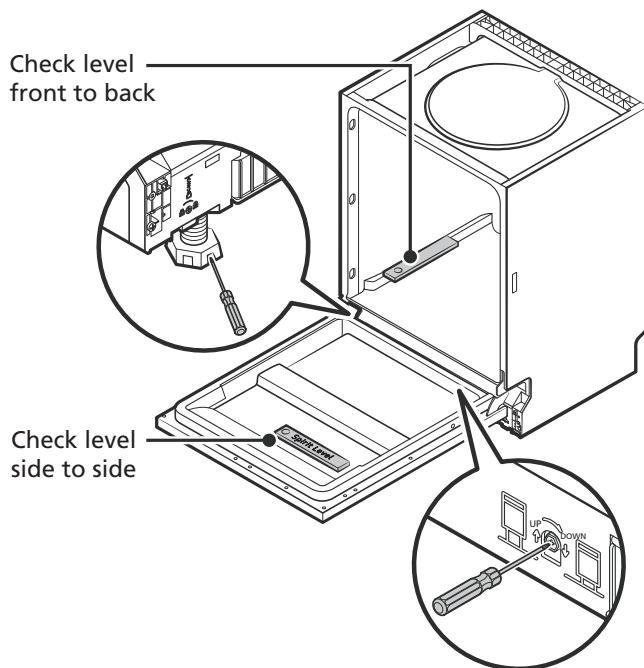
1. Affix the condensation strip under the work surface of cabinet. Please ensure the condensation strip is flush with edge of work surface. (Step 2)
2. Connect the inlet hose to the cold water supply.
3. Connect the drain hose.
4. Connect the power cord.
5. Place the dishwasher into position. (Step 4)
6. Level the dishwasher. The rear foot can be adjusted from the front of the dishwasher by turning the Philips screw in the middle of the base of dishwasher use an Philips screw. To adjust the front feet, use a flat screw driver and turn the front feet until the dishwasher is level. (Step 5 to Step 6)
7. Install the furniture door to the outer door of the dishwasher. (Step 7 to Step 10)
8. Adjust the tension of the door springs by using an Allen key turning in a clockwise motion to tighten the left and right door springs. Failure to do this could cause damage to your dishwasher. (Step 11)
9. The dishwasher must be secured in place. There are two ways to do this:
 - A. Normal work surface: Put the installation hook into the slot of the side plane and secure it to the work surface with the wood screws.
 - B. Marble or granite work top: Fix the side with Screw.



Step 5. Levelling the dishwasher

Dishwasher must be level for proper dish rack operation and wash performance.

1. Place a spirit level on door and rack track inside the tub as shown to check that the dishwasher is level.
2. Level the dishwasher by adjusting the three levelling legs individually.
3. When level the dishwasher, please pay attention not to let the dishwasher tip over.



NOTE:

The maximum adjustment height of the feet is 50 mm.

TROUBLESHOOTING TIPS

Before Calling For Service

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

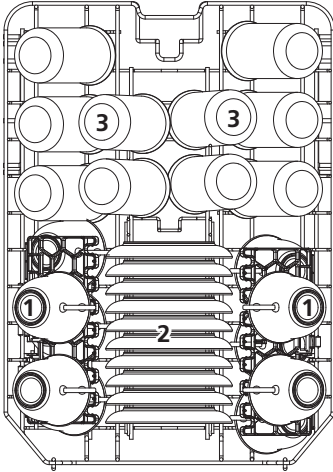
Problem	Possible causes	Solution
Dishwasher doesn't start	Dishwasher won't start	Shut the door completely make sure it is latched
	Power supply or power line is not connected Delay Start option has been selected	Check and connect the power supply Refer to Delay Start section in this manual to reset
	Child Lock activated (selected models)	Deactivate the child lock, refer to child lock section in this manual
Dishwasher beeps at the end of the cycle	It indicates the wash cycle finished, the dishwasher will beep	
Rinse Aid light on	LED screen shows "Lsb"	Add rinse aid
Dishwasher operates too long	The dishwasher is connected to cold water	Check the dishwasher, make sure it is properly connected to the hot water supply
	The cycle time will vary due to the soil	When heavy soil is detected, the auto, normal, pots & pan cycle will automatically increase the cycle time
	The sanitize option is selected	When sanitize option is selected, the cycle time will be increase to meet the sanitized temperature request
Dishes are not clean enough	Water pressure is temporarily low	Use you dishwasher when the water pressure is normal
	The inlet water temperature is low	Make sure the dishwasher is connected to the hot water supply Try not use your dishwasher when hot water is being used elsewhere in the house
	Dishes are loaded too close together improper use of detergent	Load the dishes again as the manual Add detergent depending on the water hardness and the cycle you chose. Use fresh detergent
	The selected cycle is not suitable for food soil condition	Choose anther cycle for longer washing time
	Spay arms is blocked by some items	Make sure the spay arm is rotated freely

Problem	Possible causes	Solution
Dishwasher doesn't start	Dishwasher won't start	Shut the door completely make sure it is latched
	Power supply or power line is not connected Delay Start option has been selected	Check and connect the power supply Refer to Delay Start section in this manual to reset
	Child Lock activated (selected models)	Deactivate the child lock, refer to child lock section in this manual
Dishes not drying enough	Detergent dispenser is empty	Fill rinse aid dispenser or increase the amount of rinse aid.
	Improper loading of dishes	Load the dishes again as the manual instructs.
	The cycle you chose did not include the drying	Choose the proper cycle with drying
Spots and filming on dishes	Water hardness is too high	For extremely hard water install a water softener
	Improper loading of dishes	Load the dishes again as the manual indicates
	Old rinse aid is used	Use fresh rinse aid
	Rinse dispenser empty	Add rinse aid to the dispenser
	Using too much detergent	Use less detergent if you have soft water
	The inlet water temperature exceeds 158°F	Lower the inlet water temperature
Detergent left in dispenser cup	Detergent may be too old	Use fresh detergent
	Spray arm is blocked	Load the dishes, making sure the spray arms are not blocked
Detergent dispenser will not shut	Improper operation of the detergent cover	Add the detergent and rinse aid as indicated by the manual
Water remains in the dishwasher	Previous cycle has not finished or has been interrupted	Select the proper cycle explained in the manual
Dishwasher does not drain properly	Drain is clogged	Check the air gap if you have one. Make sure the disposer is empty if the dishwasher is connected to the disposer
	Drain hose is kinked	Make sure the drain hose is properly connected to the sink
Suds in the tub	Improper detergent is used	Make sure to use only the automatic dishwasher detergent

Problem	Possible causes	Solution
Dishwasher leaks	Excessive suds caused by using the improper detergent	Make sure to use only the proper dishwasher detergent
	Dishwasher is not level	Level the dishwasher
Black or gray marks on dishes	Aluminum utensils have rubbed against dishes	Rearrange the dishes Make sure the inlet water is no less than 120H
Stained tub interior	Coffee and tea soil	Using an approved spot cleaner to remove the soil
	Reddish stain	Some tomato-based foods will cause this, use of the rinse only cycle right after loading this will decrease the staining
Noises	Detergent cup opening\ Drain pump sound	This is normal
	A hard object has entered the wash module. When the object is ground up, the sound should stop	If the noise persists after a complete cycle, call for service.
Dishwasher won't fill	Water valve is turn off	Check if the water valve is turn on
	Door latch may not be properly seated	Make sure the door is closed

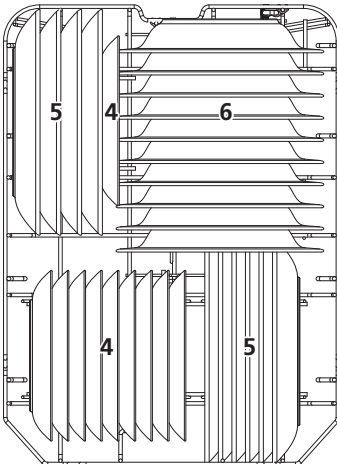
LOADING THE BASKETS ACCORDING TO AS/NZS 2007.1:

1.Upper basket:



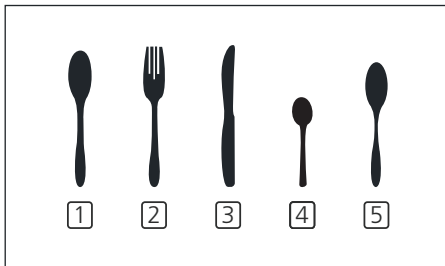
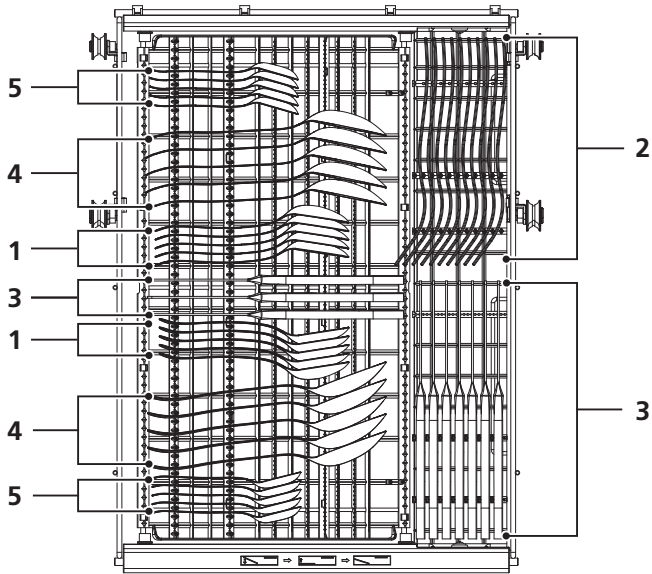
Number	Item
1	Cups
2	Saucers
3	Glasses

2.Lower basket:



Number	Item
4	Dessert dishes
5	Dinner plates
6	Soup plates

3.Cutlery basket:



Number	Item
1	Soup spoons
2	Forks
3	Knives
4	Teaspoons
5	Dessert spoons

Information for comparability tests in accordance with (*AS/NZS 2007.1)

Capacity: 10 place settings

Position of the upper basket: lower position

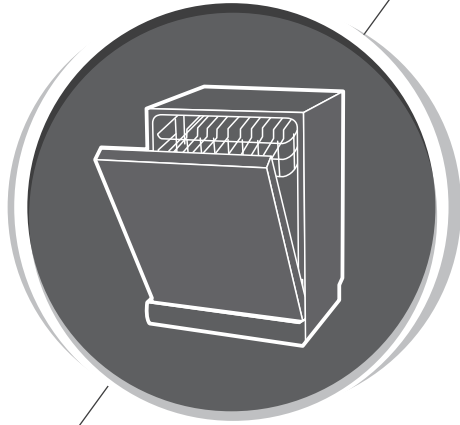
Program: ECO

Rinse aid setting: 6

Detergent(Pre/main): 5g/22.5g

Door is open at the end of the drying cycle for the drying performance test

(Door position: Open 50 mm)



Dishwasher

Instruction Manual

PART II: Special Version
MDW45FSS



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

CONTENTS

01	4	USING YOUR DISHWASHER
	4	Control Panel
	6	Preparing And Loading Dishes
	9	Function Of The Rinse Aid And Detergent
	10	Filling The Rinse Aid Reservoir
	11	Filling The Detergent Dispenser
02	12	PROGRAMMING THE DISHWASHER
	12	Wash Cycle Table
	13	Starting A Cycle Wash
	13	Changing The Program Mid-cycle
	14	Forget To Add A Dish?
03	15	ERROR CODES
04	16	TECHNICAL INFORMATION

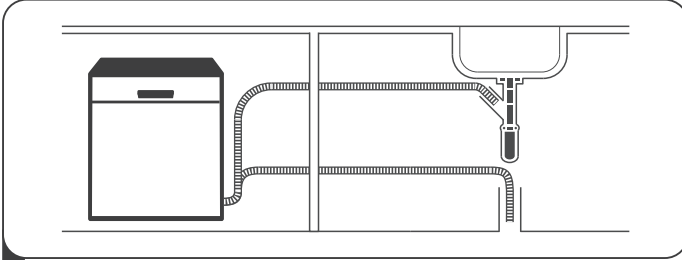


NOTE:

- 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.

QUICK USER GUIDE

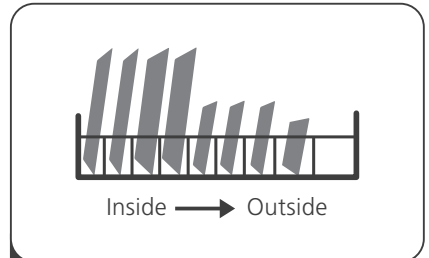
Please read the corresponding content on the instruction manual for detailed operating method.



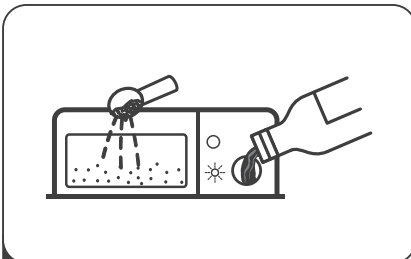
- 1 Install the dishwasher
(Please check the section 5 "INSTALLATION INSTRUCTION" of PART I : Generic Version.)



- 2 Removing the larger residue on the cutlery



- 3 Loading the baskets



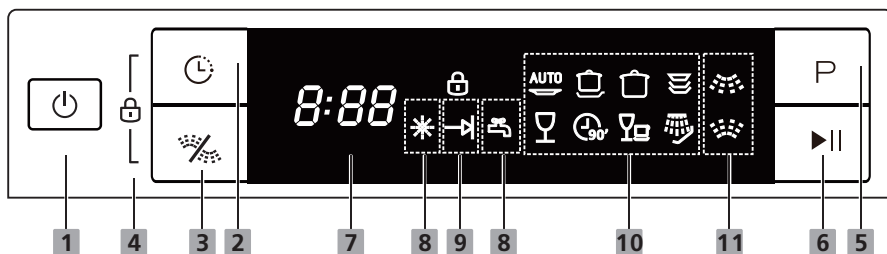
- 4 Filling the dispenser





- 5 Selecting a program and running the dishwasher

USING YOUR DISHWASHER
















Control Panel



Operation (Button)

1 Power	Press this button to turn on your dishwasher, the screen lights up.
2 Delay	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 one hour.
3 Alt	Press the button to select either upper basket or lower basket loaded, and the response indicators ( ) will be lit.
4 Child lock	This option allows you to lock the buttons on the control panel - except the Power button - so children cannot accidentally start the dishwasher by pressing the buttons on the panel. To lock or unlock the buttons on the control panel, press and hold the Delay button + Alt button for 3 seconds simultaneously. When pressing this button, corresponding indicator will be lit.
5 Program	Select the appropriate washing program, the selected program indicator will be lit.
6 Start / Pause	To start the selected washing program or pause it when the dishwasher is working.

Display

<p>7 </p>	<p>To show the reminding time, delay time, error code etc.</p>
<p>8 Warning indicator</p>	<p> Rinse Aid If the “” indicator is lit, it means the dishwasher is low on dishwasher rinse aid and requires a refill.</p> <p> Water Faucet If the “” indicator is lit, it means the water faucet closed.</p>
<p>9 Progress indicator</p>	<p> Program end when the program is end, the indicator will be lit.</p>
<p>10 Program indicator</p>	<p> Auto Auto sensing wash, lightly, or heavily soiled crockery, with or with out dried-on food.</p> <p> Heavy For heavily soiled loads, such as pots, plates, glasses and lightly soiled pans.</p> <p> Normal For normally soiled loads, such as pots, plates, glasses and lightly soiled pans.</p> <p> Glass For lightly soiled crockery and glass.</p> <p> 90 Min For lightly soiled plates and pans that need quick wash.</p> <p> Rapid A shorter wash for lightly soiled loads that do not need drying.</p> <p> Soak To rinse dishes that you plan to wash later that day.</p>
<p>11 Alt indicator</p>	<p> Upper When you select Upper, only the upper rack nozzle is activated. The lower nozzle will not operate.</p> <p> Lower When you select Lower, only the lower rack nozzle is activated. The upper nozzle will not operate.</p>

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 discolour 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.

Recommendations for loading the dishwasher

- 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 / or sharp items of cutlery such as carving knives must be positioned horizontally in the upper basket.
- Please do not overload your dishwasher. This is important for good results and for reasonable consumption of energy.

NOTE:

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

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.

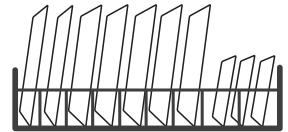
Loading the upper basket

The upper basket is designed to hold more delicate and lighter dishware such as glasses, coffee and tea cups 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 will not get moved by the spray of water.



Loading the lower basket

We suggest that you place large items and the most difficult to clean items are to be placed into 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 racks in order to avoid blocking the rotation of the top spray arm.



The maximum diameter advised for plates in front of the detergent dispenser is of 19 cm, this not to hamper the opening of it.

Loading the cutlery basket

Cutlery should be placed in the cutlery rack separately from each other in the appropriate positions, and do make sure the utensils do not nest together, this may cause bad performance.

⚠ WARNING



Do not let any item extend through the bottom.
Always load sharp utensils with the sharp point down!



For the best washing effect, please load the baskets refer to standard loading options on last section of PART I : Generic Version


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.

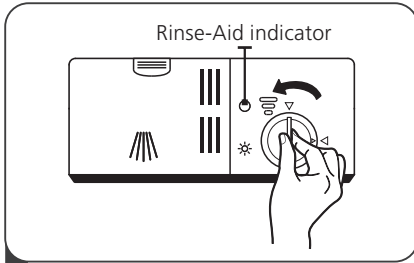
⚠ WARNING

- 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.

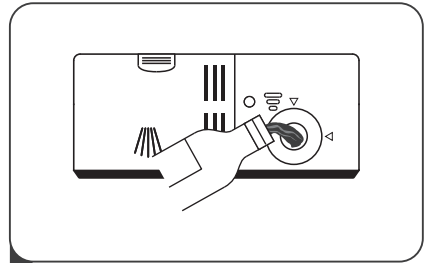


Dishwasher detergent is corrosive! Keep dishwasher detergent out of the reach of children.

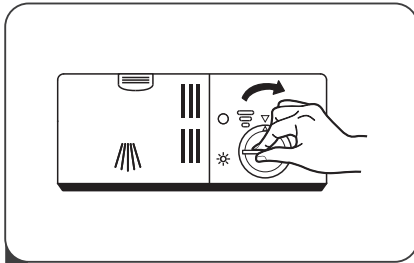
Filling The Rinse Aid Reservoir



- 1 To open the dispenser, turn the cap to the "open" (left) arrow and lift it out.



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

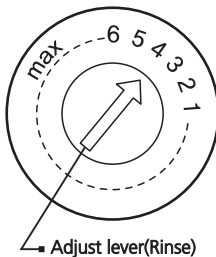


- 3 Replace the cap by inserting it aligned with "open" arrow and turning it to the closed (right) arrow.

NOTE:

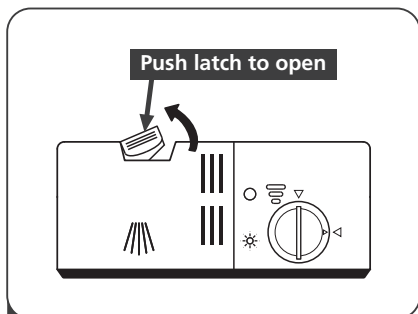
Clean up any spilled rinse aid with an absorbent cloth to avoid excessive foaming during the next wash.

Adjusting the rinse aid reservoir

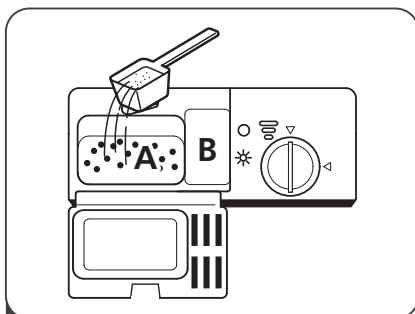


The rinse aid reservoir has six settings. Both the recommended setting and the factory setting is "4". If the dishes are not drying properly or are spotted, adjust the dial to the next higher number until your dishes are spot-free. Reduce it if there are sticky whitish stains on your dishes or a bluish film on glassware or knife blades.

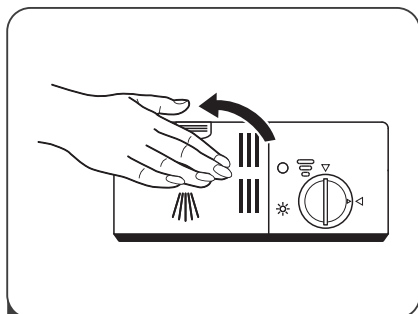
Filling The Detergent Dispenser



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.



PROGRAMMING THE DISHWASHER

Wash Cycle Table

The table below shows which programs are best for the levels of food residue on them and how much detergent is needed. It also show various information about the programs.

(●) Means: need to fill rinse into the Rinse-Aid Dispenser.

Program	Description Of Cycle	Detergent Pre/Main	Running Time(min)	Energy (Kwh)	Water (L)	Rinse Aid
 Auto	Prewash(45°C) Autowash (45~55°C) Rinse Rinse(65°C) Drying	$\frac{5}{22.5g}$ (1 piece)	150	0.9~1.3	9.5~13	●
 Intensive	Pre-wash(50°C) Wash(60°C) Rinse Rinse Rinse(70°C) Drying	$\frac{5}{22.5g}$ (1 piece)	170	1.4	15.5	●
 Heavy	Pre-wash(45°C) Wash(55°C) Rinse Rinse(65°C) Drying	$\frac{5}{22.5g}$ (1 piece)	180	1.1	12	●
 Normal (*AS/NZS 2007.1)	Pre-wash Wash(45°C) Rinse(45°C) Drying	$\frac{5}{22.5g}$ (1 piece)	180	0.506	11	●
 Glass	Pre-wash wash(40°C) Rinse Rinse(60°C) Drying	$\frac{5}{22.5g}$ (1 piece)	125	0.75	12	●
 90 Min	Wash(65°C) Rinse Rinse(65°C) Drying	$\frac{27g}{(1\text{ piece})}$	90	1.15	11.5	●

Program	Description Of Cycle	Detergent Pre/Main	Running Time(min)	Energy (Kwh)	Water (L)	Rinse Aid
 Rapid	Wash(45°C) Rinse(50°C) Rinse(55°C)	20g	30	0.7	10	○
 Soak	Pre-wash		15	0.02	3.5	○

NOTE:

***AS/NZS 2007.1:** This program is the test cycle. The information for comparability test in accordance with *AS/NZS 2007.1.

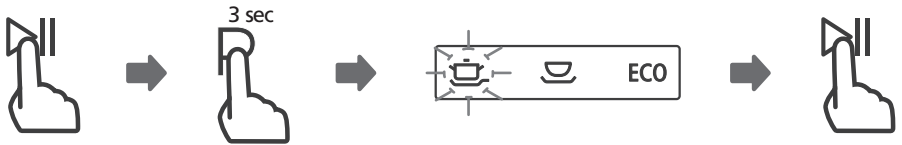
Starting A Cycle Wash

1. Draw out the lower and upper basket, load the dishes and push them back. It is commended to load the lower basket first, then the upper one.
2. Pour in the detergent.
3. Insert the plug into the socket. The power supply refer to last page "Product fiche". Make sure that the water supply is turned on to full pressure.
4. Close the door, press the Power button, to switch on the machine.
5. Choose a program, the response light will turn on. Then press the Start/Pause button, 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:

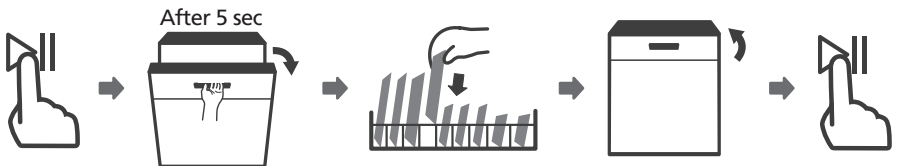
1. Press the Start/Pause button to pause the washing.
2. Press Program button for more than 3 seconds - the program will cancel.
3. Press the Program button to select the desired program.
4. Press the Start/Pause button, after 10 seconds, the dishwasher will start.



Forget To Add A Dish?

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

1. Press the Start/Pause button to pause the washing.
2. Wait 5 seconds then open the door.
3. Add the forgotten dishes.
4. Close the door.
5. Press the Start/Pause button after 10 seconds, the dishwasher will start.



⚠ WARNING



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

ERROR CODES

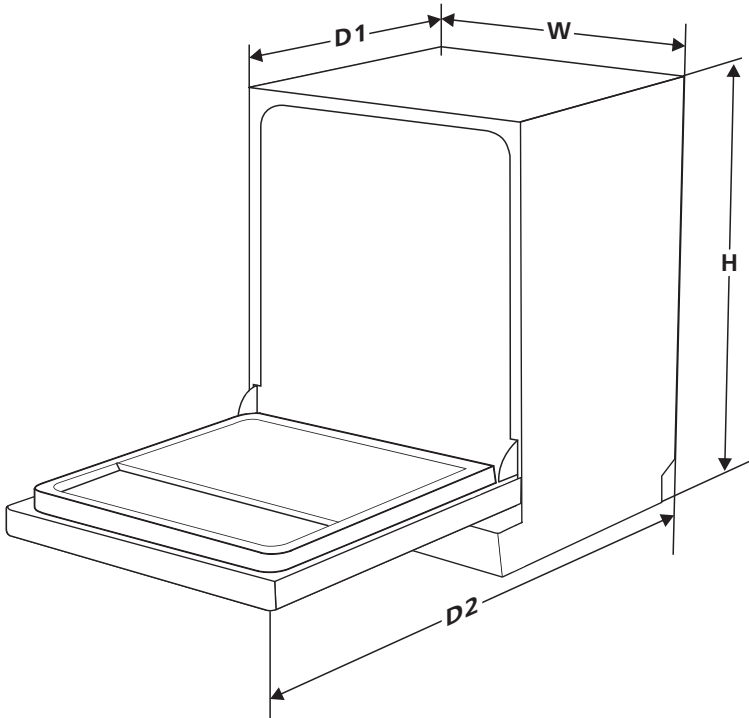
If there is a malfunction, the dishwasher will display error codes to identify these:

Codes	Meanings	Possible Causes
E1	Longer inlet time.	Faucets 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.
E8	Failure of orientation of distributary valve.	Open circuit or break of distributary valve.
Ed	Failure of communication between main PCB with display pcb.	Open circuit or break wiring for the communication.

⚠ 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)	845mm
Width (W)	448mm
Depth (D1)	600mm (with the door closed)
Depth (D2)	1175mm (with the door opened 90°)

Product fiche

Manufacturer	MIDEA
Type / Description	MDW45FSS
Standard place settings	10
Energy efficiency class	 3.5
Water consumption class	 3.5
Standard cleaning cycle	Normal
Energy consumption of the standard cleaning cycle	0.506 kWh
Water consumption of the standard cleaning cycle	11 liter
Program duration of the standard cleaning cycle	180 min
Noise level	49 dB(A) re 1 pW
Mounting	Free standing
Could be built-in	YES
Power consumption	1760-2100W
Rated voltage / frequency	AC 220-240V/50Hz
Water pressure (flow pressure)	0.04-1.0MPa=0.4-10 bar

