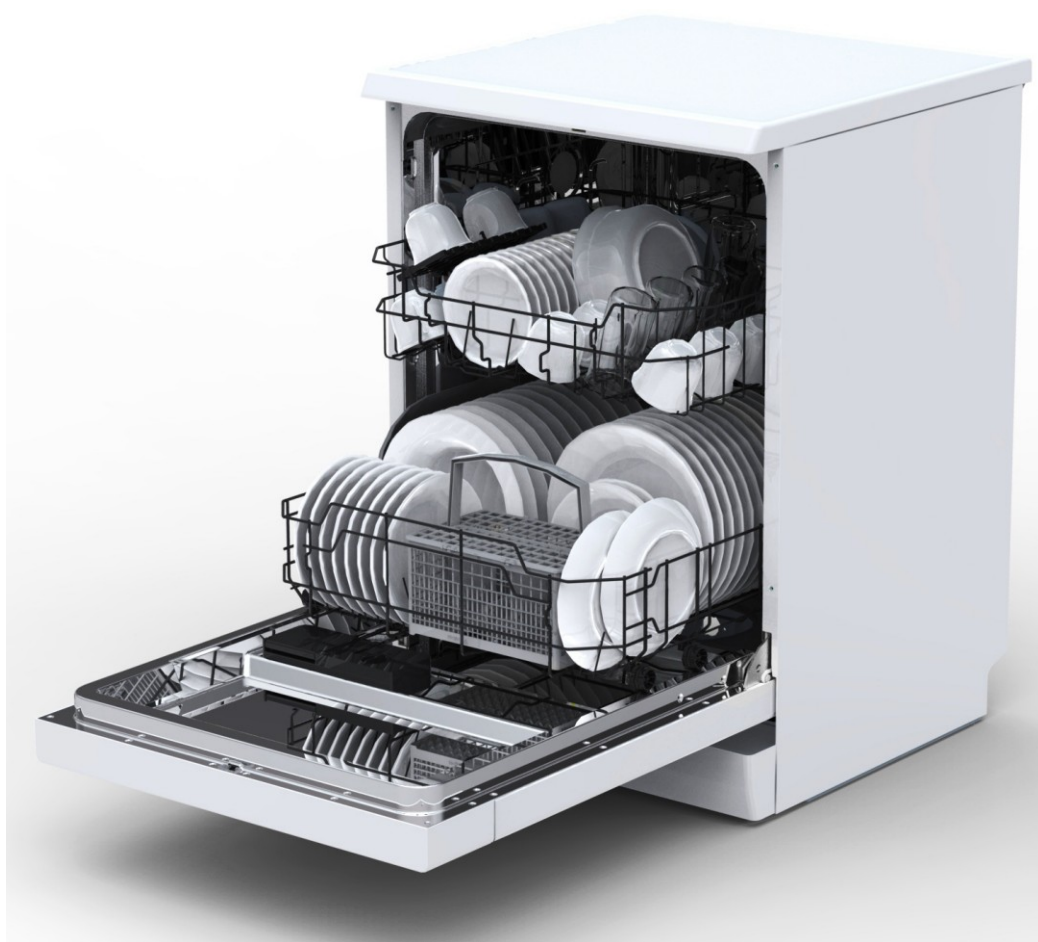


Description: **Robinhood 6 Function Freestanding Dishwasher Stainless Steel / White / Black**
Model Numbers: **DWM12P6FSS / DWM12P6FWH / DWM12P6FBK**





Read this Manual

Dear Customer,

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.

- Please carefully read this manual before using the dishwasher, it will help you to use and maintain the dishwasher properly.
- Keep it for reference in future .
- Pass it on to any subsequent owner of the appliance.

This manual contains sections on safety Instructions, Operating Instructions, Installation Instructions and Troubleshooting Tips etc.

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Before Calling for Service

- To review the section on troubleshooting Tips will help you to solve some common problems by yourself .
- If you can not solve the problems by yourself , please ask for the help from professional technicians.

A

NOTE:

The manufacturer, following a policy of constant development and updating of the product, may make modifications without giving prior notice.

Loading the baskets according to (*AS/NZS 2007.1)

Warning and Safety Information

- 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 made 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)
- This appliance is for indoor use only, for 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 maintenance the appliance .Use a soft cloth moisten 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 a cord having an equipment-earthing conductor and a earthing 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 earthed.
- 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.

Warning and Safety Information

- 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 down or placed in a horizontal position.
- 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 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.
- Children should be supervised to ensure that they do not play with the appliance.
- 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 is to be connected to the water mains using new hose sets and that old hose-sets should not be reused.
- The maximum number of place settings to be washed is 12.
- The maximum permissible inlet water pressure is 1MPa.
- The minimum permissible inlet water pressure is 0.04MPa.

Warning and Safety Information

Disposal

Dispose of the dishwasher packaging material correctly. All packaging materials can be recycled.

Plastic parts are marked with the standard international abbreviations:

- PE — for polyethylene, e.g. sheet wrapping material
- PS — for polystyrene, e.g. padding material
- POM — polyoxymethylene, e.g. plastic clips
- PP — polypropylene, e.g. Salt filler
- ABS — Acrylonitrile Butadiene Styrene, e.g. Control Panel .



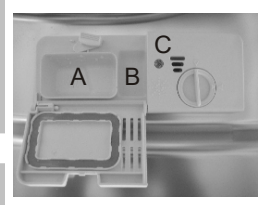
WARNING!

- Packaging material could be dangerous for children!
- 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.

Operating Instructions

For detailed operating method read the corresponding content on the instruction manual.

<p>Switch on the appliance</p>	<p>Open the door, press the On/Off button to switch on the appliance.</p>
<p>Fill the detergent dispenser</p>	<p>Compartment A: For each wash cycle.</p> <p>Compartment B: For programs with pre-wash only. (Follow the user instructions)</p>
<p>Check the rinse aid level</p>	<p>Mechanical indicator C. Electric indicator on control panel (if provided).</p>
<p>Load the baskets</p>	<p>Scrape off any large food particles. Soften remnants of burnt food in pans, then load the baskets. Refer to the dishwasher loading instructions.</p>
<p>Select a programme</p>	<p>Close the door, press the Program Button until the selected program lights up. (See the section entitled <i>Operation instruction</i>) ”</p>
<p>Running the dishwasher</p>	<p>Turn on the water tap and press the Start/Pause Button. The machine will start working after about 10 seconds.</p>
<p>• Changing the programme</p>	<ul style="list-style-type: none"> • 1. A running cycle can only be modified if it has been running for a short time. Otherwise the detergent may have already been released and the water already drained. If in this case, the detergent dispenser must be refilled. 2. Press the Start/Pause button, the machine will be in standby state, press the program button more than 3 seconds then you can change the program to the desired cycle setting. 3. Press the Start/Pause Button, the dishwasher will run after 10 seconds.
<p>• Add forgotten dishes in the dishwasher.</p>	<ul style="list-style-type: none"> • 1. Press the Start/Pause Button to stop the washing. 2. Open the door a little. 3. After the spray arms stop working, you can open the door completely. 4. Add forgotten dishes. 5. Close the door. 6. Press the Start/Pause Button, the dishwasher will run after 10 seconds.
<p>• If the appliance is switched off during a wash cycle.</p>	<ul style="list-style-type: none"> • If the appliance is switched off during a wash cycle, when switched on again, please re-select the washing cycle and operate the dishwasher according to the original Power-on state).
<p>Switch off the appliance</p>	<p>When the working cycle is finished, the buzzer of the dishwasher will sound 8 times, then stop. Turn off the appliance using the On/Off Button. If the appliance was under standby mode, it will power off automatically after 30 minutes without any operation.</p>
<p>Turn off the water tap, unload the baskets</p>	<p>Warning: wait a few minutes (about 15 minutes) before unloading the dishwasher to avoid scald, as the dishes and utensils are still hot and more susceptible to break. They could also dry better. Unload the appliance, starting from the lower basket.</p>



⚠ WARNING!

Open the door carefully. Hot steam may escape when the door is opened!

Operating Instructions

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

Control Panel



1. On/Off Button: To turn on/off the power supply .

2. Rinse aid warning indicator : *

3. Program ending indicator: →

4. Display screen : To show the remain time, running state, delay time , error codes etc

5. Delay Button : Press the button to select the delay time.

6. Program Button : Press the button to select appropriate Program.

7. Start /Pause button: To start the selected washing program or pause the washing program when the machine is working.

Dishwasher Features

Front view



- 1 Upper Basket
- 2 Inner pipe
- 3 Lower Basket

- 4 Dispenser
- 5 Cup Shelf
- 6 Spray arms

Back View



- 7 Filter assembly
- 8 Inlet pipe connector
- 9 Drain pipe

Prior to First Use

Before using your dishwasher for the first time: Fill

- A** the rinse aid dispenser
- B** Fill in detergent

Rinse Aid Dispenser

The rinse aid is released during the final rinse to prevent water from forming droplets on your dishes, which can leave spots and streaks. It also improves drying by allowing water to roll off the dishes. Your dishwasher is designed to use liquid rinse aids. The rinse aid dispenser is located inside the door next to the detergent dispenser. To fill the dispenser, open the cap and pour the rinse aid into the dispenser until the level indicator turns completely black. The volume of the rinse aid container is about 110ml.

Function of Rinse Aid

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

Attention!

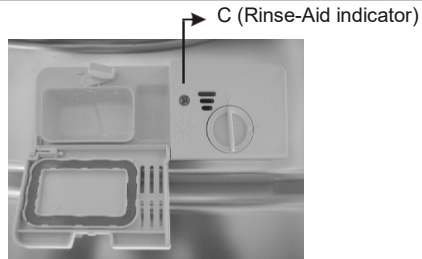
Only use branded rinse aid for dishwasher. Never fill the rinse aid dispenser with any other substances (e.g. Dishwasher cleaning agent, liquid detergent). This would damage the appliance.

When to Refill the Rinse Aid Dispenser

If there is no rinse-aid warning light in the control panel, you can judge the amount of rinse-aid by the colour of the optical level indicator "C" located next to the cap. When the rinse-aid container is full, the whole indicator will be dark. As the rinse-aid diminishes, the size of the dark dot decreases. You should never let the rinse aid get below 1 / 4 full.

As the rinse aid diminishes, the size of the black dot on the rinse aid level indicator changes, as illustrated below.

- Full
- 3 / 4 full
- 1 / 2 full
- 1 / 4 full - Should refill to eliminate spotting
- Empty



How to fill the Rinse Aid Dispenser



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

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

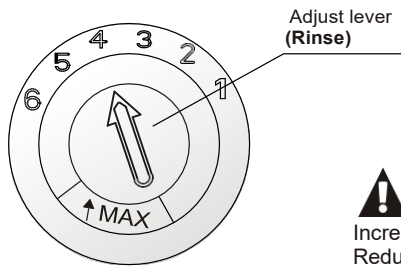
Attention!

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

Prior to First Use

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

Adjusting RinseAid Dispenser



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

! **NOTE:**

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

Detergent

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

Detergents

There are 3 sorts of detergents

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

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

Concentrated Detergent

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

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

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

Detergent Tablets

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

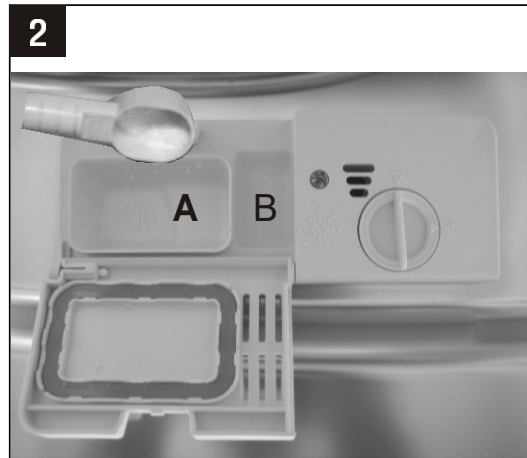
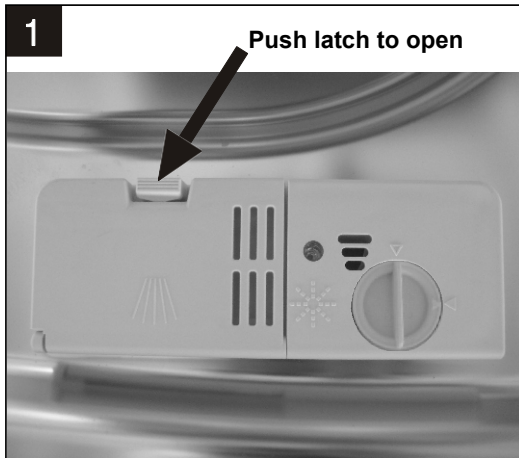
Detergent Dispenser

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

Proper Use of Detergent

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

Adding detergent to dispenser



Fill in Detergent

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

- For main wash detergent.
- For pre-wash detergent.

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

Close the lid and press until it locks in place.

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

! *NOTE:*

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

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

Loading the Dishwasher

Recommendation

- Consider buying utensils which are identified as dishwasher-proof.
- Use a mild detergent that is described as 'kind to dishes'. If necessary, seek further information from the detergent manufacturers.
- For particular items, select a program with as low temperature as possible.
- To prevent damage, do not take glass and cutlery out of the dishwasher immediately after the program has ended.

Suitability of use in the dishwasher

Not suitable for use

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

Limited suitability

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

Attention before or after loading the Dishwasher Baskets

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

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

Place objects in the dishwasher in following way:

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



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

- Load hollow items such as cups, glasses, pans etc. With the opening facing downwards so that water cannot collect in the container or a deep base.
- Dishes and items of cutlery must not lie inside one another, or cover each other. To avoid damage to glasses, they must not be touched.
- Load large items which are most difficult to clean into the lower basket.
- The upper basket is designed to hold more delicate and lighter dishware such as glasses, coffee and tea cups.
- Long bladed knives stored in an upright position are a potential hazard!
- Long and/or sharp items of cutlery such as carving knives must be positioned horizontally in the upper basket.
- Please do not overload your dishwasher. This is important for good results and for reasonable consumption of energy.

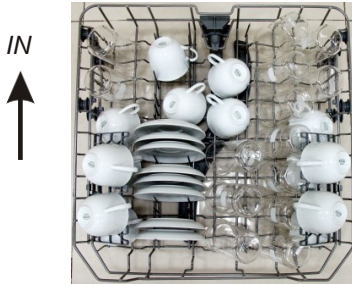
Removing the Dishes

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

Loading the Dishwasher

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.

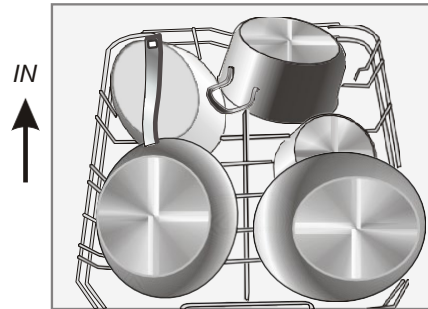


Please be reminded that:

- Pots, serving bowls, etc. must always be placed top down.
- Deep pots should be slanted to allow water to flow out.
- The Bottom Basket features folding spikes so that larger or more pots and pans can be loaded.

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.



Adjusting the Upper Basket

The height of the upper basket can be adjusted in order to create more space for large utensils both for the upper /lower basket. The height of the upper basket can be adjusted by placing the wheels on different height of the rails. Long items, serving cutlery, salad servers and knives should be placed on the shelf so that they do not obstruct the rotation of the spray arms.

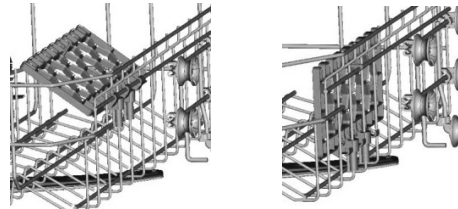
Lower position Upper position



Wheels

Folding back the cupshelves

For better stacking of pots and pans, the spikes can be folded down as show in the picture right.



Folding Spikes of Lower Basket

For better stacking of pots and pans, the spikes can be folded down as show in the picture right.



Cutlery Basket

Cutlery should be placed in the cutlery basket with the handles at the bottom. If the rack has side baskets, the spoons should be loaded separately into the appropriate slots, especially long utensils should be placed in the horizontal position at the front of the upper basket as shown in the picture.

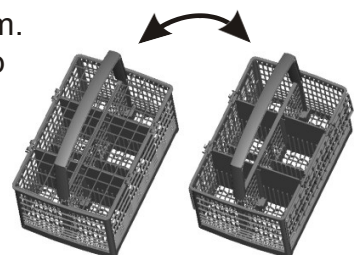


! WARNING!

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

For personal safety and a top quality cleaning, place the silverware in the basket making sure that:





- They do not nest together.
- Silverware is placed with the handles-down.
- But place knives and other potentially dangerous utensils are placed handles-up.



Starting a Washing Program

Wash Cycle Table

! NOTE: (★) Means: need to fill rinse aid into the Rinse-Aid Dispenser.

Program	Cycle Selection Information	Description of Cycle	Detergent pre/main	Running time(min)	Energy (Kwh)	Water (L)	Rinse Aid
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(50 °C) Wash (60 °C) Rinse Rinse Rinse(65 °C) Drying	<u>5/27.5g</u> (Or All in 1)	170	1.6	18.5	★
Heavy 	For heavily soiled loads, such as pots, plates, glasses and lightly soiled pans.	Pre-wash(45 °C) Wash (55 °C) Rinse Rinse (65 °C) Drying	<u>5/27.5g</u> (Or All in 1)	160	1.4	15	★
Normal <small>(*AS/NZS 2007.1)</small>	For normally soiled loads, such as pots, plates, glasses and lightly soiled pans. standard daily cycle.	Pre-wash Wash (45 °C) Rinse(50 °C) Drying	<u>5/27.5g</u> (Or All in 1)	170	0.69	10.2	★
Glass	For lightly soiled loads, such as glasses, crystal and fine china.	Pre-wash wash(42 °C) Rinse Rinse(60 °C) Drying	<u>5/27.5g</u> (Or All in 1)	125	0.9	14.5	
90 min 	For lightly soiled crockery and glass.	Wash(65 °C) Rinse Rinse (65 °C) Drying	<u>25g</u> (Or All in 1)	90	1.2	11.5	★
Rapid 	A shorter wash for lightly soiled loads that do not need drying.	Wash (40 °C) Rinse Rinse (45 °C)	25g	30	0.6	11.5	/

! NOTE:

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

- Capacity: 12 setting
- Position Upper basket: upper wheels on rails
- Rinse aid setting: 6
- Open the door slightly 50mm to assist in drying of the dishes after every wash

Turning On the Appliance

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 (see the section entitled “Loading the Dishwasher basket”).
- 2 Pour in the detergent (see the section entitled Detergent and Rinse Aid).
- 3 Insert the plug into the socket. The power supply is 220-240 VAC /50 HZ, the specification of the socket is 10A 250VAC. Make sure that the water supply is turned on to full pressure.
- 4 Close the door, press the On/Off button to switch on the machine.
- 5 Press the program button , the wash program will be changed as following direction:
Normal->Glass->90min->Rapid->Intensive->Heavy
If a program is selected, the responding light will be on. Then press the Start/Pause button, the dishwasher begins to start.

Wash Program

Change the Program

Premise:

- 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. In this case, the detergent dispenser must be refilled (see the section entitled " Detergent ").
- Press the Start/Pause button, the machine will be in standby state, press the program button more than 3s then you can change the program to the desired cycle setting (see the section entitled " Starting a wash ")



NOTE:

If you open the door during a wash cycle , the machine will pause. The program light will stop blinking and the buzzer will mooring every minute unless you close the door . After you close the door, the machine will keep on working after 10 seconds.

Forgot to Add a Dish

A forgotten dish can be added any time before the detergent cup opens.

- 1 Press the Start/Pause Button to stop the washing.
- 2 Open the door a little .
- 3 After the spray arms stop working, you can open the door completely.
- 4 Add forgotten dishes.
- 5 Close the door
- 6 Press the Start/Pause Button, the dishwasher will run after 10 seconds.

At the End of the Wash Cycle

When the working cycle has finished, the buzzer of the dishwasher will sound for 8 seconds, then stop. Turn off the appliance using the ON/OFF button, shut off the water supply and open the door of the dishwasher. Wait for a few minutes before unloading the dishwasher to avoid scald the dishes and utensils are still hot and more susceptible to breakage. They will also dry better.

■ Switch Off the Dishwasher

The Led screen is on but the colon icon is not blinking, only in this case the programme has ended. 1.Switch off the dishwasher by pressing the ON/OFF button.
2.Turn off the water tap.

■ Open the door carefully.

Hot dishes are sensitive to knocks. The dishes should be allowed to cool down around 15 minutes before removing from the appliance.

Open the dishwasher's door, 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.

■ Unloading the dishwasher

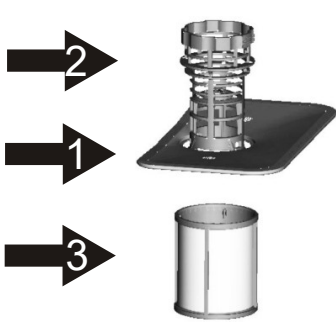
It is normal that the dishwasher is wet inside.

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.

Filtering System

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

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



Main filter 1
Food and soil particles trapped in this filter are pulverized by a special jet on the lower spray arm and washed down to drain.

Coarse filter 2
Larger items, such as pieces of bones or glass, that could block the drain are trapped in the coarse filter. To remove the items caught by this filter, gently squeeze the tap on the top of this filter and lift it out.

Fine filter 3
This filter holds fine particles and food residues in the sump area and prevents it from being redeposit on the dishes during wash cycle.

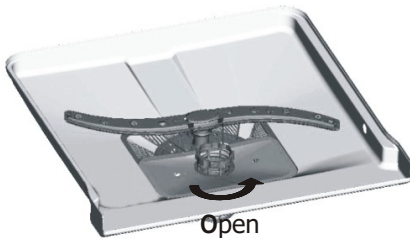
Filter assembly

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

⚠ WARNING!

The dishwasher must never be used without the filters. Improper replacement of the filter may reduce the performance level of the appliance and damage dishes and utensils.

1



Step 1 Turn the filter in anti-clockwise direction.

2



Step 2 Lift the filter assy up.

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

Maintenance and Cleaning

Notes:

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

! **NOTE:** The entire filter assembly should be cleaned once a week.

Cleaning the Filter

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

! **WARNING!** When cleaning the filters, don't knock on them. Otherwise, the filters could be contorted and the performance of the dishwasher could be decreased.

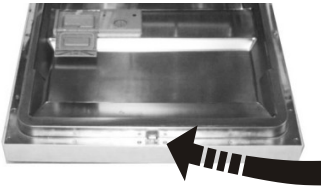
Caring for the Dishwasher

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

For the exterior, use a good appliance polish wax.

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

Cleaning The Door



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

! **WARNING!**

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

Protect Against Freezing

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

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

! **NOTE:** If your dishwasher cannot work because of the ice, please contact professional service persons.

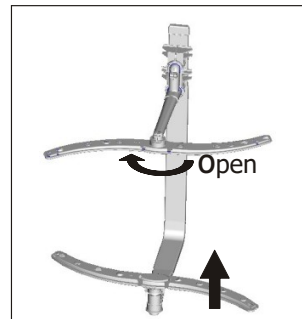
Cleaning the Spray Arms

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

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

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

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



How to Keep Your Dishwasher in Shape

■ After Every Wash

After every wash, turn off the water supply to the appliance and leave the door slightly open so that moisture and odours are not trapped inside.

■ Remove the Plug

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

■ No Solvents or Abrasive Cleaning

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

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

■ When not in Use for a Long Time

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

■ Moving the Appliance

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

■ Seals

One of the factors that cause odours to form in the dishwasher is food that remains trapped in the seals. Periodic cleaning with a damp sponge will prevent this from occurring.

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 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.

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 10 amp, time delay fuse or circuit breaker recommended and provide separate circuit serving only this appliance.

Electrical Connection

⚠ Insure proper ground exists before use

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.



GROUNDING INSTRUCTIONS

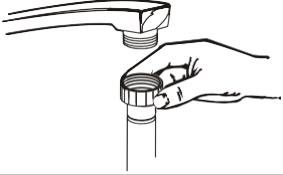
This appliance must be earthed. In the event of a malfunction or breakdown, earthing will reduce the risk of electric shock by providing a path of least resistance for the electric current. This appliance is equipped with a cord having an equipment-earthing conductor and an earthing plug. The plug must be plugged into an appropriate outlet that is installed and earthed in accordance with all local standards and requirements.

Installation Instruction

- ⚠** 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 earthed.
Do not modify the plug provided with the appliance. If the plug does not fit properly to the outlet, please have a qualified electrician install the correct outlet

Water Connection

Cold Water Connection



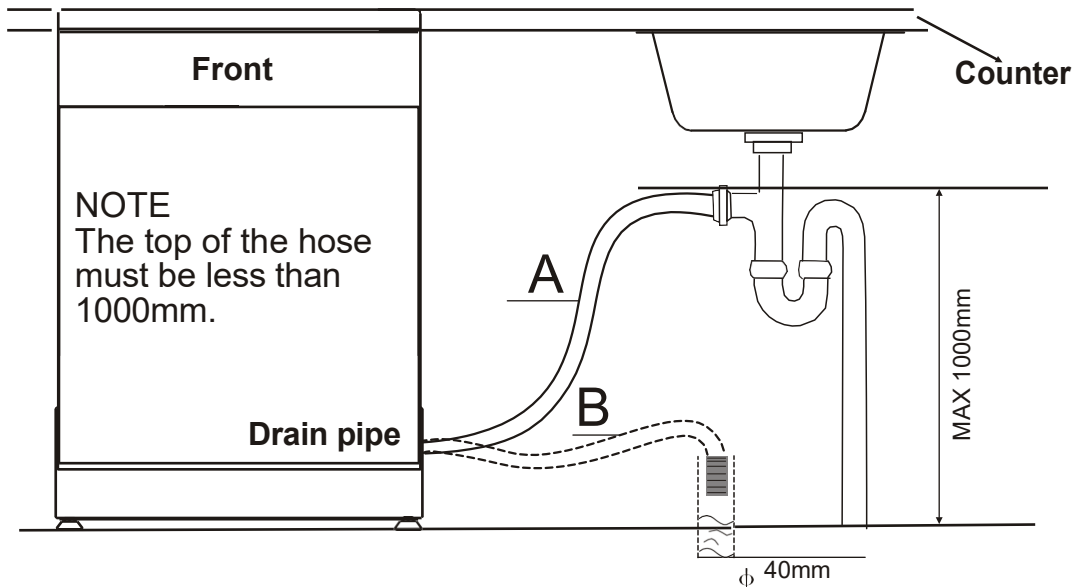
Connect the cold water supply hose to a threaded 3/4(inch) connector and make sure that it is fastened tightly in place.
If the water pipes are new or have not been used for an extended period of time, let the water run to make sure that the water is clear. This precaution is needed to avoid the risk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

- ⚠ WARNING!** Please close the hydrant after using.

Drain hose Connection

Insert the drain hose into a drain pipe with a minimum diameter of 40mm, or let it run into the sink, making sure to avoid bending or crimping it. The top of the hose must be less than 1000mm.

- ⚠** PLEASE HANG UP THE DRAIN HOSE EITHER WAY OF A, B



How to Drain Excess Water From Hoses

If the sink is more than 1000mm higher than 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 1000 mm (maximum) from the bottom of the dish. The water drain hose should be fixed.

Start of Dishwasher

The following things should be checked before starting the dishwasher.

- 1 The dishwasher is level and fixed properly.
- 2 The inlet valve is open.
- 3 There is a 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 are knotted.
- 7 All packing and print materials should be taken out of the dishwasher.



Attention: *After installation, please make sure to keep this manual.
The content of this manual is very helpful to the users.*

Before Calling for Service

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



	<i>Problem</i>	<i>Possible Causes</i>	<i>What To Do</i>
Technical problems	<i>Dishwasher doesn't start</i>	Fuse blown, or the circuit breaker acted	Replace fuse or reset circuit breaker. Remove any other appliances sharing the same circuit with the dishwasher
		Power supply is not 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.
		Error code:E1; Water pressure is low	Check that the water supply is connected properly and the water is turned on.
		Door of dishwasher not properly closed.	Make sure to close the door properly and latch it.
	<i>water not pumped from dishwasher</i>	Kink in drain hose	Check drain hose.
		Filter clogged	Check the coarse filter (see section titled "Cleaning The Filter ")
		Kitchen sink clogged	Check the kitchen sink to make sure it is draining well. If the problem is the kitchen sink not draining ,you may need a plumber rather than a serviceman for dishwashers.
General problems	<i>Suds in the tub</i>	Improper detergent	Use only the special dishwasher detergent to avoid suds. If this occurred, open the dishwasher and let suds evaporate. Add 1 gallon of cold water to the tub. Close and latch the dishwasher, then select any cycle. Dishwasher will drain out the water at the first step. Open the door after draining is stop and check if the suds is disappeared. Repeat if necessary.
		Spilled rinse-aid	Always wipe up rinse-aid spills immediately.
	<i>Stained tub interior</i>	Detergent with colourant was used	Make sure that the detergent is the one without colourant.
General problems	<i>White film on inside surface</i>	Hard water minerals	To clean the interior, use a damp sponge with dishwasher detergent and wear rubber gloves. Never use any other cleaner than dishwasher detergent for the risk of foaming or suds.
	<i>There are rust stains on cutlery</i>	The affected items are not corrosion resistant.	The items should be corrosion resistant.
Noise	<i>Knocking noise in the wash cabinet</i>	A spray arm is knocking against an item in a basket	Interrupt the program, and rearrange the items which are obstructing the spray arm.
	<i>Rattling noise in the wash cabinet</i>	Items of crockery are loose in the wash cabinet	Interrupt the program, and rearrange the items of crockery.
	<i>Knocking noise in the water pipes</i>	This may be caused by on-site installation or the cross-section of the piping.	This has no influence on the dishwasher function. if in doubt, contact a suitably qualified plumber.



	<i>Problem</i>	<i>Possible Causes</i>	<i>What To Do</i>
Unsatisfactory washing result	<i>The dishes are not clean</i>	The dishes were not loaded correctly.	See notes in " Loading the Dishwasher Baskets ".
		The program was not powerful enough.	Select a more intensive programme. See" Wash Cycle Table ".
		Not enough detergent was dispensed.	Use more detergent, or change your detergent.
		Items are blocking the path of spray arms.	Rearrange the items so that the sprayer can rotate freely.
		The filter combination is not clean or is not correctly fitted. This may cause the spray arm jets get blocked.	Clean and/or fit the filter combination correctly. Clean the spray arm jets. See "Cleaning the Spray Arms".
	<i>Cloudiness on glassware</i>	Combination of soft water and too much detergent.	Use less detergent if you have soft water and select a shortest cycle to wash the glassware and to get them clean.
	<i>Black or gray marks on dishes</i>	Aluminum utensils have rubbed against dishes.	Use a mild abrasive cleaner to eliminate those marks.
	<i>Detergent left in dispenser cups</i>	Dishes block detergent cup opens.	Re-loading the dishes properly.
Unsatisfactory drying result	<i>The dishes are not drying</i>	Improper loading	Load the dishwasher as suggested in the directions.
		Too little rinse-aid	Increase the amount of rinse-aid/refill the rinse-aid dispenser.
		Dishes are removed too soon	Do not empty your dishwasher immediately after washing. Open the door slightly so that the steam can escape. Begin unloading the dishwasher only once the dishes are barely warm by touching. Empty the low basket first. This prevents water from dropping off dishes in the upper basket.
		Wrong program has been selected	In short program the rinse temperature is lower. This also lowers cleaning performance. Choose a program with a long high rinse temperature.
		Use of cutlery with a low-quality coating	Water drainage is more difficult with these items. Cutlery or dishes of this type are not suitable for washing in the dishwasher.

Error Codes

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

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

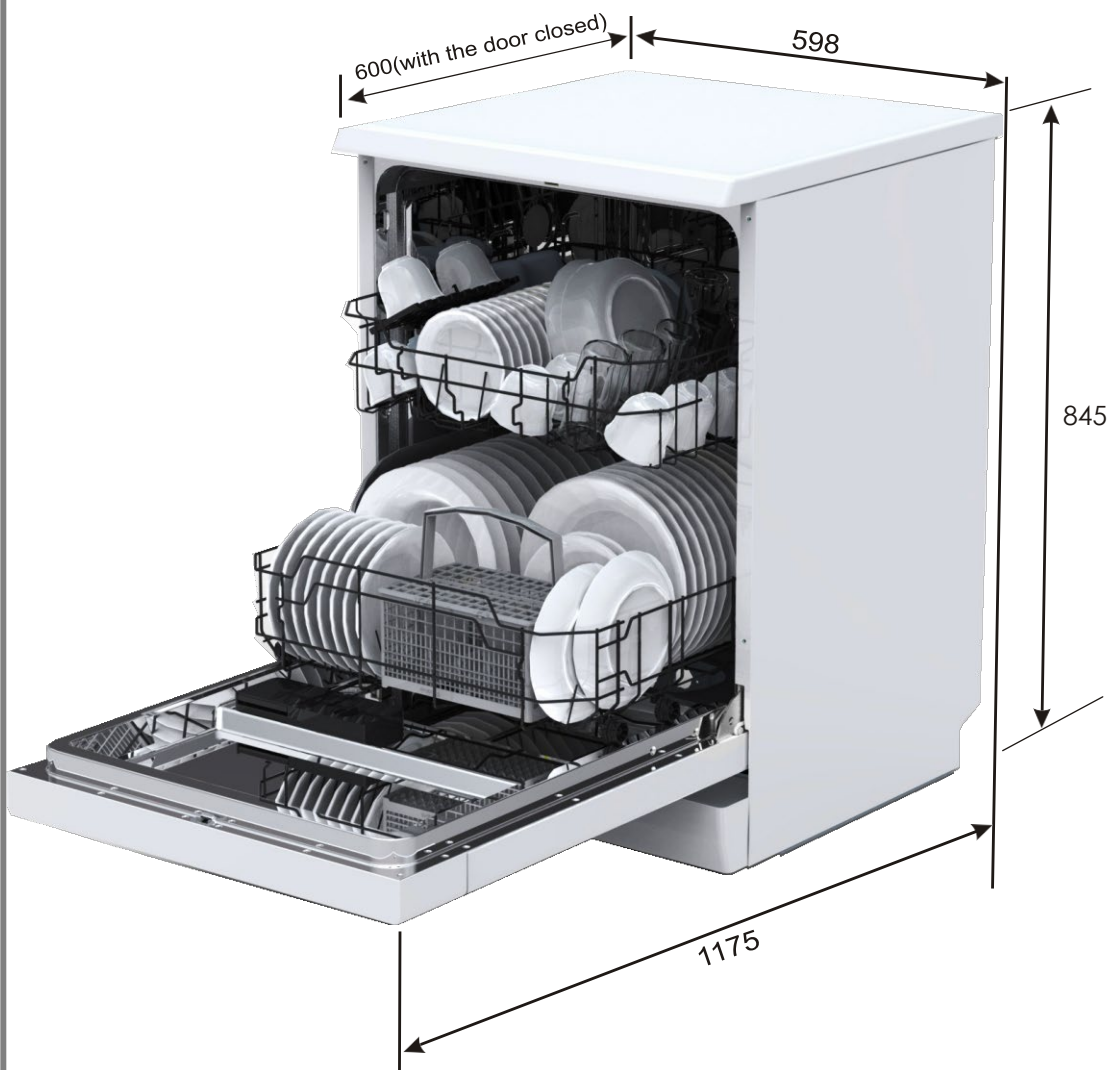
⚠ WARNING!

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

Technical information

⚠ WARNING!

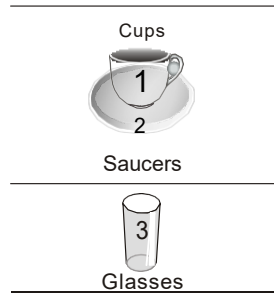
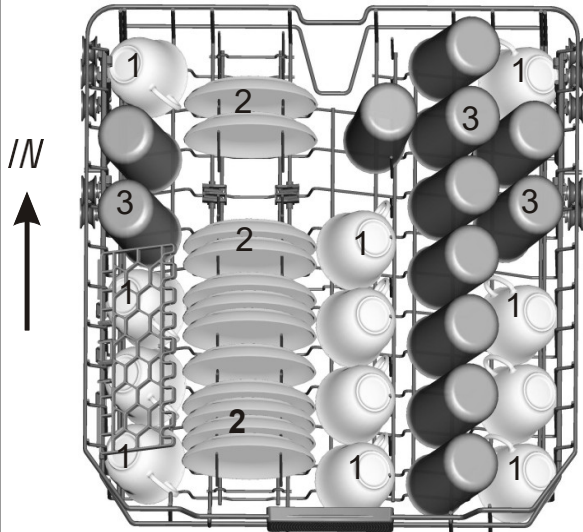
If overflow occurs, turn off the main water supply before calling a service. If there is water in the base pan because of an overflow or small leaks, the water should be removed before restarting the dishwasher.



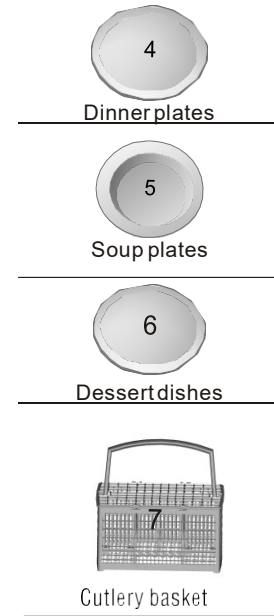
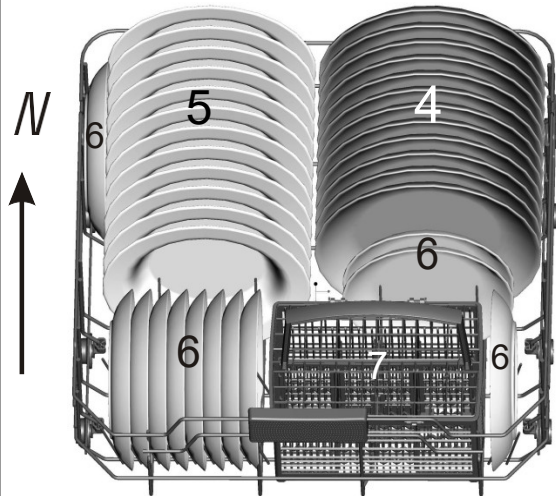
Height :	845mm
Width :	598m m
Depth :	600mm(with the door closed)
Water pressure:	0.04-1.0MPa
Power supply:	see rating label
Capacity:	12 place settings

Loading the baskets according to (*AS/NZS 2007.1) :

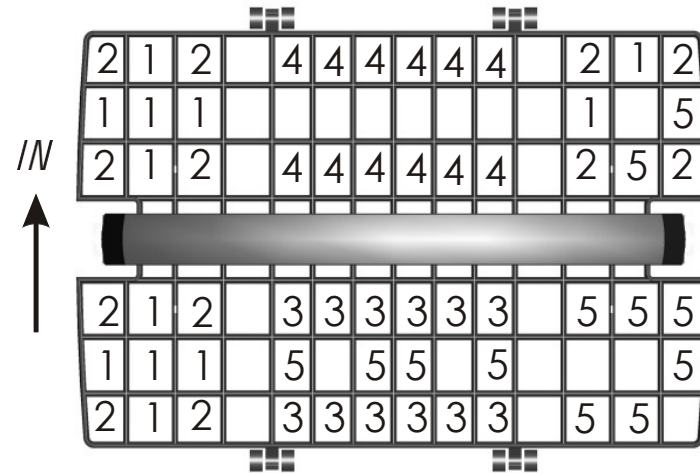
1.Upper basket:








2.Lower basket:



3.Cutlery basket:



- 1 Forks 
- 2 Soup spoons 
- 3 Dessert spoons 
- 4 Teaspoons 
- 5 Knives 

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

- Capacity: 12 place settings
- Position of the upper basket: lower position
- Programme: Normal
- Rinse aid setting: 6 or max
- **Open the door slightly 50mm to assist in drying of the dishes after every wash**

Warranty Certificate (Australia)

Terms and Conditions

If you are a consumer under the Australian Consumer Law, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure

1. Robinhood Australia Pty Limited ("Robinhood") also warrants the following Robinhood products against manufacturing defects and faulty materials, under normal use and subject to the exclusions in this certificate, for a period of:

Rangehood, Ovens, Cooktops, Dishwashers - 24 months from date of original purchase for domestic use.

Uniduct – 12 months from date of original purchase for domestic use.

Ironing centre – 12 months from date of original purchase for domestic use.

Taps, including Pull-out and Mixer taps – 5 years on parts only from date of original purchase domestic for use, 24 months parts and labour from date of original purchase for domestic use

Sinks sets– 5 years on stainless steel sink including draining bench from date of original purchase for domestic use, 6 months on all stainless steel accessories, including wire rack, colander and tray from date of original purchase for domestic use.

Laundry Tub - 5 years on stainless bowl, 24 months on Tap, Cabinet and other components from the date of original purchase for domestic use. "Original purchase", when used in this certificate, means purchase by the customer directly from Shiro or one of its approved suppliers.

2. This warranty is limited to the repair or replacement, at our option, within the warranty period of any component part which we at our discretion determine to contain faulty materials or a manufacturing defect in breach of this warranty. This warranty is subject to terms and conditions set out in this certificate.

3. The warranty only applies within Australia.

4. For warranty service outside of capital city metropolitan area or 30 km from nearest authorised service agent you will be liable for reasonable travelling expenses and the cost of transport of the product or parts to and from the service agent

5. To make a claim under this warranty, you must produce the original invoice or other purchase documentation as proof of the original purchase date. You must send your claim to Shiro Australia Pty Limited, 104 Vanessa Street, Kingsgrove NSW 2208 within 7 days of any alleged defect or failure of the product first becoming apparent, you are responsible for the expense of making a claim under this warranty.

This warranty is given by:

Shiro Australia Pty Ltd

ABN 28 002 386 129

Telephone: 1800 648 556

Facsimile: 1800 628 577

Email: customercare@shiro.com.au

www.robinhood.com.au

Attention Customer Services Manager

Warranty exclusions

1. The warranty does not apply where, in Shiro's opinion:

The defect is caused by misuse, wear and tear, dirt, fire or accidental damage.

The product has been repaired or serviced by an unauthorised person.

The product was not installed in accordance with our instructions.

The product was purchased overseas or was not designed for use in Australia.

The product was not used, cleaned or cared for in accordance with our instructions.

The product was used outdoors.

2. All Robinhood Rangehoods are suitable for indoor use only and not suitable over BBQs or charcoal cookers designed for outdoor use.

3. In addition, this warranty does not extend to damage or defects which in our opinion, directly or indirectly arise from or are due to: exposing the product to acidic or corrosive materials or chemicals such as dyes, solvents, denture cleaner or acetone; using inappropriate household cleaning products such as abrasive cream or powder cleansers, furniture polish, bleach, mentholated spirits, drain cleaners, sugar soap, metal pads and strongly alkaline or acidic cleaners; heat damage, including from washing the product at high temperatures; impact or mishandling the product, including the impact caused by objects scraped along, thrown or dropped on the product surface or excessive weight being placed on the product; structural or support changes in or affecting the building or the application where the product has been installed; failure to clean or maintain the product as recommended; or any other causes specified in the product information as being excluded from this warranty.

4. Variations with the colour or gloss within the product or any ageing or fading of colour, shine or gloss level over time are not covered by this warranty. The warranty does not cover visual imperfections or blemishes in the surface and edges of the product that were not brought to your supplier's attention at the time you inspected the product.

5. We will not be responsible under this warranty for, nor pay the costs of, removing the existing product, or reinstalling the new product, or any associated costs or damages.

6. Charcoal filters and light bulbs are not covered by this warranty

The benefits given by this warranty are in addition to other rights and remedies of consumers under any law in relation to the goods which cannot be excluded.

This warranty certificate is not intended to create a contract between Shiro Australia Pty Limited and the purchaser.

Should you require service please contact us on:

Australia

Shiro Australia Pty Ltd

ABN 28 002 386 129

Telephone: 1800 648 556 Facsimile: 1800 628 577

Email: customercare@shiro.com.au

www.robinhood.com.au

Warranty Certificate (New Zealand)

Terms and Conditions

The following conditions apply in respect of the warranty given in this certificate:

1. Monaco Corporation Limited ("Monaco") warrants the following Robinhood products against manufacturing defects and faulty materials, under normal use and subject to the exclusions in this certificate, for a period of:
Rangehood, Ovens, Cooktops, Dishwashers, Refrigeration, Washing Machines, Clothes Dryers - 24 months from date of original purchase for domestic use.
Uniduct - 12 months from date of original purchase for domestic use.
Ironing centre - 12 months from date of original purchase for domestic use.
Sinks sets - 5 years on stainless steel sink including draining bench from date of original purchase for domestic use, 6 months on all stainless steel accessories, including wire rack, colander and tray from date of original purchase for domestic use.
Laundry Tub - 5 years on stainless bowl, 24 months on Tap, Cabinet and other components from the date of original purchase for domestic use.

"Original purchase", when used in this certificate, means purchase by the customer directly from Monaco or one of its approved suppliers.

2. This warranty is limited to the repair or replacement, at our option, within the warranty period of any component part which we at our discretion determine to contain faulty materials or a manufacturing defect in breach of this warranty. This warranty is subject to terms and conditions set out in this certificate.
3. The warranty only applies within New Zealand.
4. The customer must produce the original invoice or other purchase documentation as proof of the original purchase date.

Warranty exclusions

1. The warranty does not apply where, in Monaco's opinion:
The defect is caused by misuse, wear and tear, dirt, fire or accidental damage.
The product has been repaired or serviced by an unauthorised person.
The product was not installed in accordance with our instructions.
The product was purchased overseas or was not designed for use in New Zealand.
The product was not used, cleaned or cared for in accordance with our instructions.
The product was used outdoors.
2. In addition, this warranty does not extend to damage or defects which in our opinion, directly or indirectly arise from or are due to:
Exposing the product to acidic or corrosive materials or chemicals such as dyes, solvents, denture cleaner or acetone;
Using inappropriate household cleaning products such as abrasive cream or powder cleansers, furniture polish, bleach, mentholated spirits, drain cleaners, sugar soap, metal pads and strongly alkaline or acidic cleaners;
Heat damage, including from washing the product at high temperatures;
Impact or mishandling the product, including the impact caused by objects scraped along, thrown or dropped on the product surface or excessive weight being placed on the product;
Structural or support changes in or affecting the building or the application where the product has been installed;
Failure to clean or maintain the product as recommended; or
any other causes specified in the product information as being excluded from this warranty.
3. Variations with the colour or gloss within the product or any ageing or fading of colour, shine or gloss level over time are not covered by this warranty. The warranty does not cover visual imperfections or blemishes in the surface and edges of the product that were not brought to your supplier's attention at the time you inspected the product.
4. Costs incurred on installation or removal of a product, or any reinstallation of a product, or any associated costs, are not covered by this warranty.
5. Monaco will not be liable for consequential or indirect loss or damage whatsoever and however arising out of or in connection with the supply, performance or removal of the product, including (but not limited to) loss of profit, loss of revenue, loss of contract, loss of goodwill or increased cost of workings, even if due to the negligence of Monaco or any of its approved suppliers, employees or agents.
6. Charcoal filters and light bulbs are not covered by this warranty
7. This warranty and the statements contained in this certificate or other documents given to you do not exclude, restrict or modify the application of any term implied into this warranty by statute, provided that (to the extent any statutory provision permits Monaco to limit its liability for a breach of an implied condition or warranty) Monaco's liability for such breach is limited to the payment of the cost of replacing the product, repairing the product or acquiring an equivalent product.
8. Subject to clause 5, our obligations under this warranty are limited to those set out in this certificate, and this warranty is expressly instead of all other warranties, express or implied, including any implied warranty of merchantability or fitness for a particular purpose and notwithstanding any course of dealing between the parties or custom and usage in trade to the contrary.

Terms and conditions are subject to change.