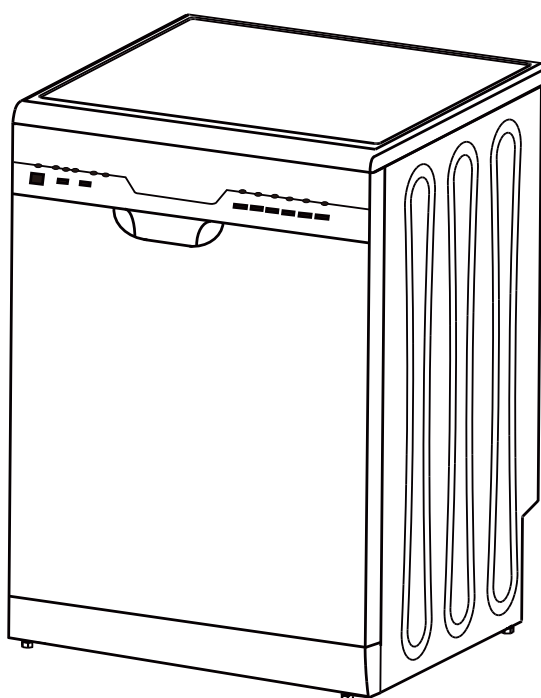


Installation and Operating Instructions

Model:
PD6-PSE-2
PD6-PWE-2



For your convenience, we recommend to attach the serial number label HERE.

As part of Parmco Appliances commitment to improving and updating product ranges, we reserve the right to alter, change and update technical specifications and appearance attributes of all Parmco Appliances products. E&OE.

727626012019





p: 09 573 5678
f: 09 573 5699
e: sales@parmco.co.nz
w: www.parmco.co.nz

Parmco Appliances extended 7 year warranty

The Warranty:

- This appliance is intended for domestic use in the owners' home. Use of the appliance for commercial purposes will limit the warranty period (please see Parmco website for commercial details).
- Subject to the terms and conditions contained within this warranty, if the product is not of Acceptable Quality (as defined in the Consumer Guarantees Act) within 7 years of the date of original purchase, then Parmco Sales undertakes to repair or, at its sole discretion, replace the product.
- The warranty does not cover the costs of transport, mileage or travelling time if the product is located beyond 30km of a recognised Service Agent.
- This warranty is offered as an extra benefit, and does not affect other legal rights, which can not be modified or excluded by agreement.
- This warranty only applies to goods supplied and installed in the North and South Islands of New Zealand.
- The provisions of this warranty are in addition to the rights and remedies available to consumers under the Consumer Guarantees Act 1993.

Product _____ Date of purchase _____
Serial Number _____
Dealer / Retailers Name _____

Please retain this Warranty card together with receipt or other proof of purchase date when seeking service during the warranty period

Please contact Parmco at 09 573 5678 if your appliance needs servicing under warranty. Please have your model number and proof of purchase ready. Warranty repairs must be authorized by Parmco.



The Warranty is not valid:

- If the product is not installed and operated in accordance with the operating instructions.
- If the product is not installed to comply with the electrical, gas, plumbing and other Regulations and Codes of Practice in New Zealand.
- If the product is operated on voltages or frequencies outside the normal range for domestic appliances in New Zealand.
- If the product is not used in normal domestic use, or if it is used in a business as defined in the Consumer Guarantees Act.
- If any serial number has been removed or defaced.
- If proof of date of purchase is not supplied, except at the sole discretion of Parmco Sales. Proof of purchase can be for the product itself, or if installed with a kitchen or house then proof of purchase can be from a Parmco reseller of products supplied by Parmco.
- If the products are purchased in a second hand condition from other parties (including but not limited to TradeMe, Sella, etc.)

Liability under this warranty will not be accepted for:

- Wear and tear caused by normal domestic use of the product.
- Damage in transport.
- Damage caused to the product by neglect, abuse, negligence, wilful act or misuse.
- Any costs associated with the repair, replacement, removal or reinstallation of products installed in a damaged condition.
- Any defect caused by accident, misuse, neglect, tampering with or unauthorised modifications of the appliance or any attempt at internal adjustment or repair by any person other than an Authorised Service Agent.
- Service calls that relate principally to the following:
 - Instruction on how to use the product.
 - Repair or replacement of house fuses, electrical wiring, gas fitting or plumbing.
 - Normal or scheduled maintenance including blocked filters or ducting.
 - Consumable items such as light bulbs.
 - Any damage to hobs caused by spills when cooking.
 - Any breakage or damage of glass items.
- Any damage caused by non recommended product used for cleaning, maintaining, lubricating or similar.
- Any aspect relating to the installation of the product, or damage caused during installation including blocked access for repair.
- Any third party (including reseller) or consequential loss or damage (direct or indirect) however arising.



Dear Valued Customer,

Thank you and congratulations on purchasing your new Parmco appliance.

All Parmco products are made to the highest quality and design standards. We are sure you will enjoy your new appliance.

As a note, please read through these instructions carefully, as these will assist you in gaining a complete understanding of the functions and features offered by your appliance.

Please take special note of all detailed technical information and installation instructions. It is essential that you only allow a qualified technician to install this appliance to ensure the safety and reliability of this appliance.

Furthermore, not using appropriate personnel to install this appliance may affect any future warranty claims lodged, so please check with Parmco Appliances before any installation is carried out.

We hope you enjoy your new appliance. If you would like to find out more about this product or any other products in Parmco's extensive range, visit us on the web at www.parmco.co.nz.

Regards,
The Parmco Team





Read this Manual

Dear Customer,
Please read this User Information carefully and keep it to refer to at a later date.
Pass it on to any subsequent owner of the appliance.

This manual contains sections of Safety Instructions, Operating Instructions, Installation Instructions and Troubleshooting Tips, etc.

Carefully reading it before using the dishwasher will help you to use and maintain the dishwasher properly.



Before Calling for Service

Troubleshooting Tips will help you solve some common problems by yourself and you may not need to ask for the help of professional technicians.



NOTE:

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

Please place the second serial number sticker at the front of this manual, then place it in a safe place. You will need this serial number should your dishwasher require a service.

| | |
|---|-------|
| 1) Safety Information | 1 |
| 2) Disposal | 2 |
| 3) Operation Instruction | 3-4 |
| Control Panel | 3 |
| Dishwasher Features | 4 |
| 4) Prior using for the first time | 4-7 |
| Fill the Rinse Aid Dispenser | 4-5 |
| Function of Detergent | 5-7 |
| 5) Loading the Dishwasher Baskets | 8-11 |
| 6) Starting a washing programme | 12-13 |
| Wash Cycle Table | 12 |
| Turning on the Appliance | 14 |
| Change the Programme | 13 |
| Forgot to Add Dish? | 13 |
| 7) Maintenance and cleaning | 14-16 |
| 8) Installation | 16-19 |
| Positioning and leveling | 16-17 |
| Connecting the water and electricity supplies | 17-19 |
| 9) Troubleshooting Tips | 19-21 |
| Error codes | 19 |
| Troubleshooting | 20-21 |
| Technical information | 22 |

1. Safety Information

⚠ WARNING! PROPER USE

- Do not abuse, sit on, or stand on the door or dish basket 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 or stand on the door when it is open. The appliance could tip forward.
- When loading items to be washed:
 - Locate sharp items so that they are not likely to damage the door seal;
 - Load sharp knives with the handles up to reduce the risk of cut-type injuries;
 - 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 if the detergent compartment 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 dishwashers. Never use soap, laundry detergent, or hand washing detergent in your dishwasher.
- Other means for disconnection from the supply must be incorporated in the fixed wiring with at least 3mm contact separation in all poles.
- Keep children away from detergent and rinse aid, keep children away from the open door of the dishwasher, there could still be some detergent left inside.
- Young children should be supervised to ensure that they do not play with the appliance.
- This product is not designed for use by persons (including children) who have reduced physical, sensory or mental capacities or persons with no experience or knowledge, unless they are instructed and supervised in the use of the appliance by a person responsible for their safety.
- Dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed.
- Avoid contact with skin and eyes, and keep children away from the dishwasher when the door is open to avoid injuries.
- The door should not be left in the open position since this could present a tripping hazard.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Please dispose of packing materials properly.
- Use the dishwasher only for its intended function.
- During installation, the power supply must not be excessively or dangerously bent or flattened.
- Do not tamper with controls.
- The appliance should be connected to the water mains using new hose sets supplied.

READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY
SAVE THESE INSTRUCTIONS

2 Disposal



Dispose of the dishwasher packaging material correctly. All packaging materials can be recycled. Plastic parts are marked with the standard international abbreviations: (e.g. PS for polystyrene, padding material)

This appliance is identified according to the European guideline 2002/96/EC on waste electrical and electronic equipment -WEEE. The guideline specifies the framework for an EU-wide valid return and re-use of old appliances.

!WARNING

Packaging material could be dangerous for children!

For disposing of package and the appliance please go to a recycling centre. Cut off the power supply cable and make the door closing catch 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.

IMPORTANT!

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

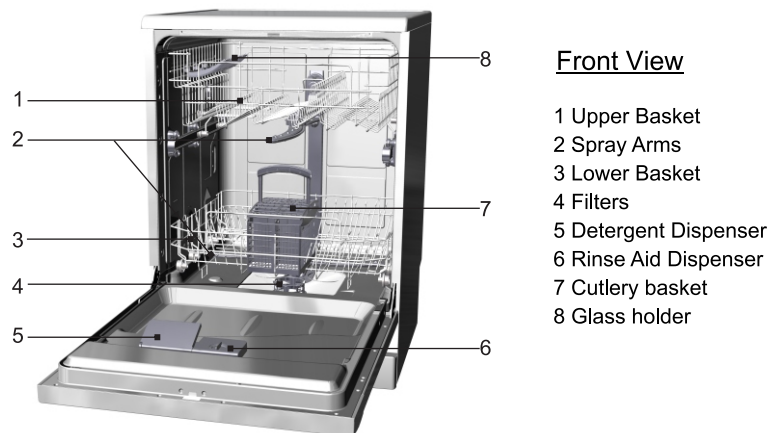
3. Operating Instruction

Control Panel



1. Power switch: To control the power supply.
2. Delay time: Pressing the DELAY button once will select 3h delay time, pressing a second time will increase the delay hours to 6h, pressing it the third time will increase the delay to 9h. Pressing a fourth time will cancel the delay selection.
3. Start/Stop Button: Press this button to start or pause the dishwasher, the light will come when starting.
4. Rinse Aid Indicator Light: Will come on when dispenser needs to be refilled.
5. Drying light: Will come on when the dishwasher is drying
6. Child lock: To lock the dishwasher controls, press and hold the INTENSIVE & NORMAL pad at the same time for 3 seconds. The INTENSIVE & NORMAL light will turn on. To unlock the dishwasher controls, press the same pad in the same way, the light will turn off.
7. Program Button: To select your desired washing program press this button.

Dishwasher Features



4 Prior Using for the First Time

Before using your dishwasher for the first time:

- A. Fill the rinse aid dispenser
- B. Fill the detergent dispenser

A. Fill the Rinse Aid Dispenser

Function of Rinse Aid

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

Attention!

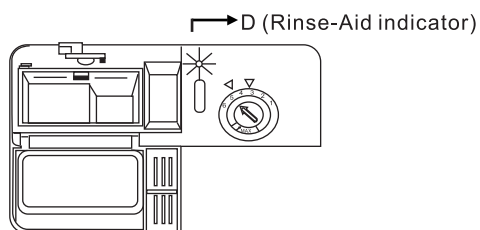
Only use branded rinse aid for dishwasher. Never fill the rinse aid dispenser with any other substances (e.g. dishwasher cleaning agent, liquid detergent). This could damage the appliance.

When to Refill the Rinse Aid Dispenser

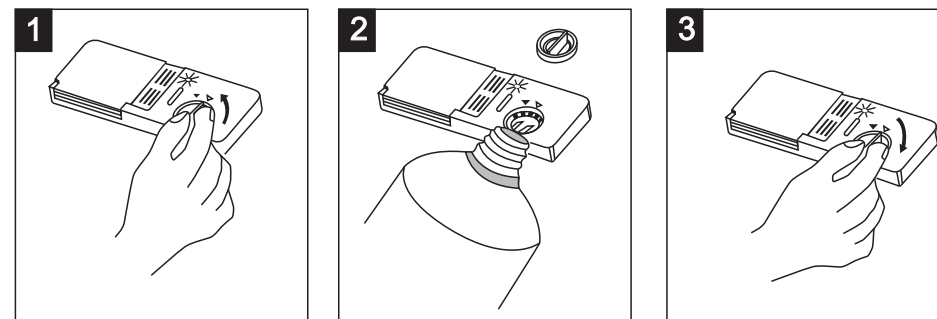
You can judge the amount of rinse-aid by the colour of the optical level indicator "D" located next to the cap. When the rinse-aid container is full, the whole indicator will be dark. As the rinse aid diminishes, the size of the dark dot decreases. You should never let the rinse aid get below 1 / 4 full.

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



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, be careful not to overfill.
- 3** Replace the cap by inserting it aligned with "open" arrow and turning it to the "closed" (right) arrow.

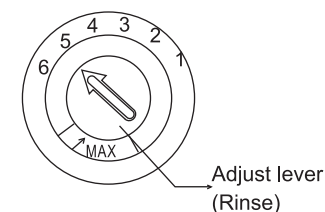
The rinse aid is released during the final rinse to prevent water from forming droplets on your dishes that can leave spots and streaks. It also improves drying by allowing water to sheet off the dishes. Your dishwashers are designed to use liquid rinse aids. The rinse aid dispenser is located inside the door next to the detergent dispenser. For optimum drying performance rinse aid must be used. To fill the dispenser, open the cap and pour the rinse aid into the dispenser until the level indicator turns completely black. The volume of the rinse aid container is about 140ml. Be careful not to overfill the dispenser, because this could cause over sudsing. Wipe away any spills with a damp cloth. Don't forget to replace the cap before you close dishwasher door.

Attention!

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

Adjusting Rinse Aid Dispenser

The rinse aid dispenser has four or six settings. Always start with the dispenser set on "4". If spots and poor drying are Problems, increase the amount of rinse aid dispensed by removing the dispenser lid and rotating the dial to "5". If the dishes still are not drying properly or are spotted, adjust the dial to the next higher number until your dishes are spot-free. The dispenser is factory set in position 5.



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 streaks on the dishes or a bluish film on glassware or knife blades.

B. Function of Detergent

Detergents with chemical ingredients are necessary to remove dirt and transport it out of the dishwasher. Most of commercially available quality detergents are suitable for this purpose.

Concentrated Detergent

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

- conventional, alkaline detergents with caustic components
- low alkaline concentrated detergents with natural enzymes

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

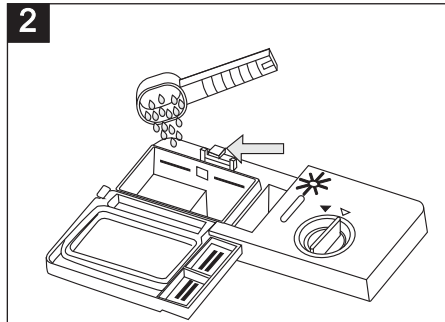
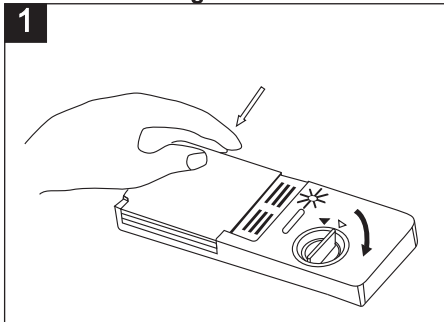
Detergent Tablets

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

Detergent Dispenser

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

Amount of Detergent to Use



NOTE:

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

⚠ WARNING!

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

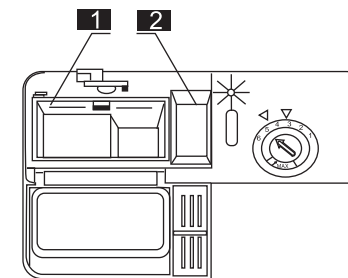
Use only detergent specifically made for use in dishwashers. Keep your detergent fresh and dry. Don't put powder detergent into the dispenser until you're ready to wash dishes.

Fill in the detergent

Fill the detergent dispenser with detergent.

The marking indicates the dosing levels, as illustrated on the right:

- 1 Main wash cycle detergent placed here. "MIN" means approximately 20g of detergent.
- 2 The place of pre-wash cycle detergent placed, approximately 5g of detergent (if applicable to your model).



Please observe the manufacturer's dosing and storage recommendations as stated on the detergent packaging.

Close the lid and press until it locks in place.

NOTE:

You find information about the amount of detergent for the single programme on the last page. Please be aware that according to the level soiling and the specific hardness of water, differences are possible.

5 Loading the Dishwasher Baskets

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

Attention before or after Loading the Dishwasher Baskets - For best results

1. Scrape off any large amounts of leftover food. Rinse the dishes under running water. Place objects in the dishwasher in the following way:

- Items such as cups, glasses, pots/pans, etc. are stood upside down.
- Curve items, or those with recesses, should be at a slant so that water can run off.
- They are stacked securely and can not tip over.
- They do not prevent the spray arms from rotating while washing takes place.

- Very small items should not be washed in the dishwasher as they could easily fall out of the Baskets.
- The upper and lower baskets can not be pulled out in the same time when the dishwasher is Loading, or it may lead to tipping.

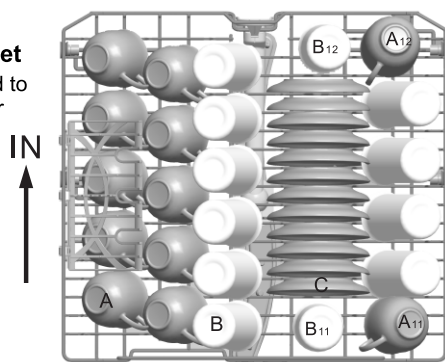
Removing the Dishes

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.

Upper Basket

Loading the Upper Basket

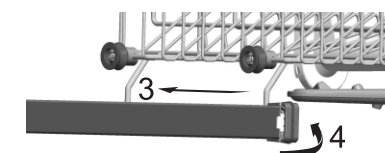
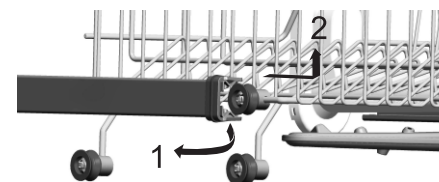
The upper basket is designed to hold more delicate and lighter dishware such as glasses, coffee and tea cup and saucers, as well as plates, small bowls and shallow pans (as long as they are not too dirty). Position the Dishes and cookware so that they do not get moved by the spray of water.



| Upper basket | |
|--------------|--------|
| Type | Item |
| A | Cup |
| B | Glass |
| C | Saucer |

Adjusting the Upper Basket

If required, the height of the upper basket can be adjusted in order to create more space for large utensils either in the upper basket or lower basket. The upper basket can be adjusted for height by putting wheels of different height into the rails. Long items, serving cutlery, salad servers or knives should be placed on the shelf so that they do not obstruct the rotation of the spray arms. The shelf can be folded back or removed when not be required for use.



Loading the Lower Basket

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

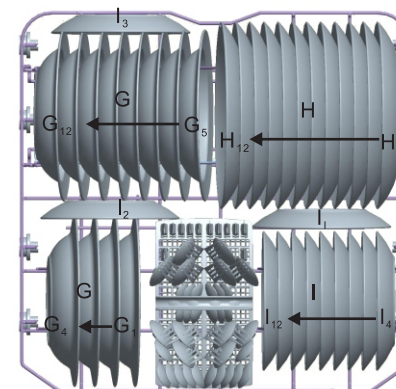
It is preferable to place serving dishes and lids on the side of the baskets in order to avoid blocking the rotation of the top spray arm.

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

Deep pots should be slanted to allow water to flow out.

The bottom basket features fold down tine rows so that larger or more pots and pans can be loaded.

Lower Basket

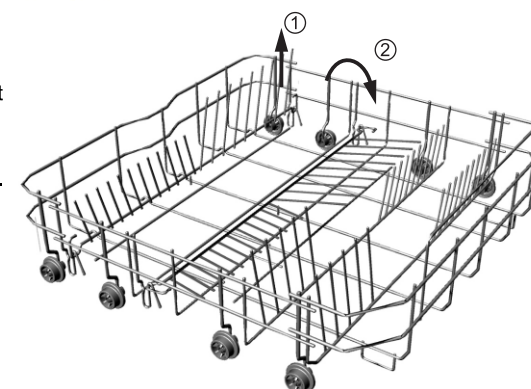


| Lower basket | |
|--------------|---------------|
| Type | Item |
| G | Bowl |
| H | Dinner plate |
| I | Dessert plate |

* Lower basket

Folding racks

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



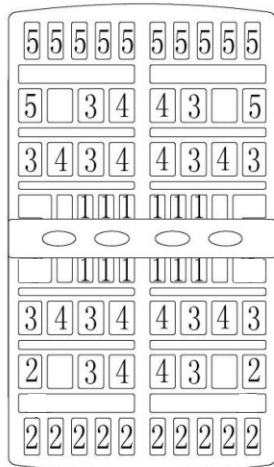
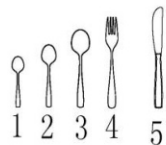
* For optional

Cutlery tray

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



| Cutlery tray | |
|--------------|----------------|
| Type | Item |
| 1 | Tea spoons |
| 2 | Dessert spoons |
| 3 | Soup spoons |
| 4 | Forks |
| 5 | Knives |



Door side

For washing in the dishwasher 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 is not temperature resistant
- Bonded cutlery items or dishes
- Pewter or copper items
- Lead crystal glass
- Steel items subject to rusting
- Wooden platters
- Items made from synthetic fibre

WARNING!

Do not let any item extend through bottom.

Are of limited suitability

Some types of glasses can become dull after a large number of washes

Silver and aluminium parts have a tendency to discolour during washing

Glazed patterns may fade if machine washed frequently

NOTE: Please do not overload your dishwasher. There is only space for 12 standard place settings. This is important for good results and for reasonable energy consumption.

Loading Cutlery and Dishes

Before loading the dishes, you should:

- Remove large left-over food scraps
- Soften remnants of burnt food in pans

When Loading the Dishes and Cutlery, please note:

- Dishes and cutlery must not impede the rotation of the spray arms.
- Load hollow items such as cups, glasses, pans etc. with the opening downwards so that water cannot collect in the container or a deep base.
- Dishes and cutlery items must not lie inside one another, or cover each other
- To avoid damage to glasses, they must not touch
 - 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.

Attention!

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.

Damage to Glassware and other Dishes

Possible causes:

- Type of glass or manufacturing process. Chemical composition of detergent.
- Water temperature and duration of dishwasher programme.

Suggested solution:







- Use glassware or porcelain dishes that have been marked dishwasher-proof by the manufacturer.
- Use a mild detergent. If necessary, seek further information from detergent manufacturers.
- Select a programme with a low temperature.
- To prevent damage, take glass and cutlery out of the dishwasher as soon as possible after the programme has ended.

At the End of the Wash

When the working cycle has finished, the buzzer of dishwasher will ring for 6 times, then stop. Turn off the appliance using the "Power" button and open the door of the dishwasher. Wait a few minutes before unloading the dishwasher to avoid handling the dishes and utensils while they are still hot and more susceptible to breakage. They will also dry better.

6. Starting a Washing Programme

Wash cycle table

| Program | Cycle Selection Information | Description of Cycle | Detergent Pre/main | Running Time (min) | Energy (kWh) | Water (L) |
|--|--|---|--------------------|--------------------|--------------|-----------|
|  Intensive | For the heaviest soiled loads, such as pots, pans, casserole dishes and dishes that have been sitting with dried food on them for a while. | Pre-wash(40 C) Main wash(55 C) Rinse Hot rinse(65 C) Drying | 5/25g | 145 | 1.20 | 15.5 |
|  Heavy | For heavy soiled loads, such as pots, plates, glasses and lightly soiled pans. | Main wash(60 C) Rinse 1 Rinse 2 Hot rinse(65 C) Drying | 5/25g | 135 | 1.15 | 15.0 |
|  Normal (AS/NZS 2007.1) | For normally soiled loads, such as pots, plates, glasses and lightly soiled pans. Standard daily cycle. | Main wash(45 C) Rinse Hot rinse(49 C) Drying | 5/25g | 112 | 0.73 | 11.8 |
|  Rinse | For dishes that need to be rinsed and dried only | Pre-wash Hot rinse(70 C) Drying | | 67 | 0.75 | 7.5 |
|  Rapid | A shorter wash for lightly soiled loads that do not need drying. | Main wash(40 C) Hot rinse(49 C) | 15g | 50 | 0.50 | 7.5 |
|  Soak | To rinse dishes that you plan to wash later that day | Pre-wash | | 8 | 0.01 | 4.0 |

NOTE: We recommend opening the door slightly 50mm to assist in drying the dishes after every wash.

Turning on the Appliance

Starting a wash cycle...

Draw out the lower and upper basket, load the dishes then:

1. push them back. It is recommended to load the lower basket first, then the upper one (see section "Loading the Dishwasher"). Add detergent and rinse aid if empty.
2. Insert the plug into the socket. The power supply is 220-240V AC 50 Hz, the specification of the socket is 12 A 250 VAC.50 Hz.

Make sure that the water supply is turned on to full pressure. Close the door, press the "Power" button, Press the "program." button to select a desired "Wash cycle". (See the section entitled "Wash Cycle Table".)

Ensure the door is properly closed.

NOTE: A click could be heard when the door is closed perfectly. When the washing is over, you can shut off the switch by pressing "Power" button.

Changing the Programme during use

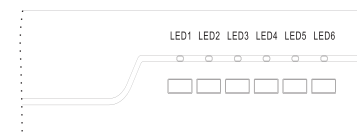
Premise: A cycle that is underway can only be modified if it has only been running for a short time. Otherwise, the detergent may have already been released, and the appliance may have already drained the wash water. If this is the case, the detergent dispenser must be refilled (see the section entitled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

1. Press the "Power" button to cancel the programme.
2. Turn on it again and you can change the programme to the desired cycle setting (see the section entitled "Starting a wash cycle. . . ").

NOTE: If you open the door when washing, the machine pauses and warning alarm rings, LED1 and LED2 flash. When you close the door, the machine will keep on working after 10 seconds.

The 6 programme lights show the state of the dishwasher:

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



NOTE: If all the lights begin to blink that indicates the machine is out of order, please turn off the main power and water supply before calling Parmco Appliances.

Forgot to Add a Dish?

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

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

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

- Hot dishes are sensitive to knocks. The dishes should therefore 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

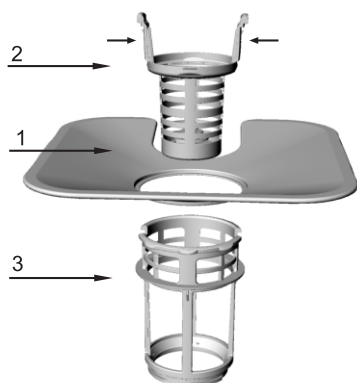
It is normal that the dishwasher is wet inside.

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.

7. Maintenance and cleaning

Filtering System

The filter is used to avoid the big remnants and other sundries getting inside the pump. The residue can obstruct the filter in sometime.



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

1. Flat filter

Traps food and debris.

2. Coarse filter

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

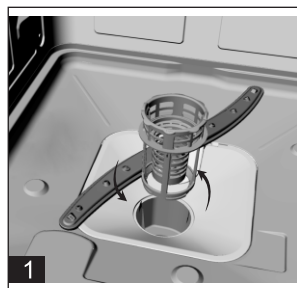
To remove an item caught in this filter, gently squeeze the taps on the top of this filter and lift it out.

3. Micro filter

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

- Inspect the filters for obstructions every time the dishwasher has been used.

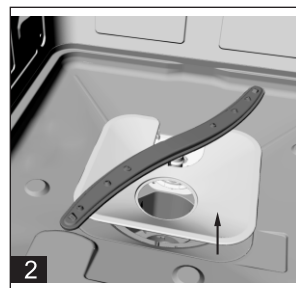
- By unscrewing the coarse filter, you can remove the filter system. Remove any food remnants and clean the filters under running water.



Step 1 Rotate the Coarse filter anti-clockwise, then lift it up;

Step 2 Lift the Flat filter up

To replace: Reverse the removal process.



Filter assembly

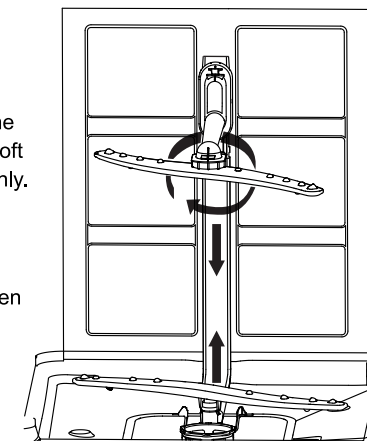
For best performance and results, the filter assembly must be cleaned regularly. The filter efficiently removes food particles from the wash water, allowing it to be recirculated during the cycle. For this reason, it is a good idea to remove the larger food particles trapped in the filter after each wash cycle by rinsing the semicircular filter and cup under running water. To remove the filter assembly, pull on the cup handle in the upward direction. The entire filter assembly should be cleaned once a week. To clean the coarse filter and the micro filter, use a cleaning brush. Then, reassemble the filter parts as shown above and reinsert the entire assembly in the dishwasher, positioning in its seat and pressing downward. The dishwasher must never be used without the filters. Improper replacement of the filter may reduce the performance level of the appliance and damage dishes and utensils.

⚠ WARNING!

Never run the dishwasher without the filters in place.

Cleaning the Spray Arms

It is necessary to clean the spray arms regularly for hard water chemicals will clog the spray arm jets and bearings. To remove the spray arms, screw off the nut clockwise to take out the washer on top of the spray arm and remove the arm. Wash the arms in soapy and warm water and use a soft brush to clean the jets. Replace them after rinsing thoroughly.



Caring for the Dishwasher

To clean the control panel, use a lightly dampened cloth then dry thoroughly.

To clean the exterior, use a non abrasive cleaner.

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

Always dry the front panel after cleaning.

Protect Against Freezing

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

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

Cleaning the Door

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

Also, never use abrasive cleaners or scouring pads on the outer surfaces because they will scratch the finish. Some papers towels can also scratch or leave marks on the surface.

How to Keep Your Dishwasher in Good Condition

■ Disconnect 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. Use only a cloth and warm soapy water. To remove spots or stains from the surface of the interior, use a cloth dampened with water and a little white vinegar, or a cleaning product made specifically for dishwashers.

■ When You Go on holiday

When you go on holiday, it is recommended that you run a wash cycle with the dishwasher empty and then remove the plug from the socket, turn off the water supply and leave the door of the appliance slightly ajar. This will help the seals last longer and prevent odors from forming in the appliance.

■ Moving the Appliance


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

■ Seals

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

⚠ Attention:

Installation of the pipes and electrical equipments have to be done by authorized personnel.

| | |
|---|---|
| ⚠ Warning | |
|  | Electric Shock Hazard! Disconnect electric power before installing the dishwasher. Failure to do so can result in death or electric shock. |

8. Installation

- ⚠ Keep this instruction manual in a safe place for future reference. If the appliance is sold, given away or moved, please ensure the manual is kept with the machine, so that the new owner may benefit from the advice contained within it.
- ⚠ Please read this instruction manual carefully: it contains important information regarding the safe installation, use and maintenance of the appliance.
- ⚠ If the appliance must be moved at any time, keep it in an upright position; if absolutely necessary, it may be tilted onto its back.

Positioning and leveling

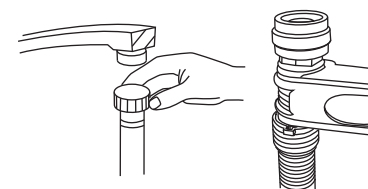
1. Remove the appliance from all packaging and check that it has not been damaged during transportation. If it has been damaged, contact the retailer and do not proceed any further with the installation process.
2. Check the dishwasher by placing it in the space so that its sides or back panel are in contact with the adjacent cabinets or wall. This appliance can also be recessed under a single work top.

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

Connecting the water and electricity supplies

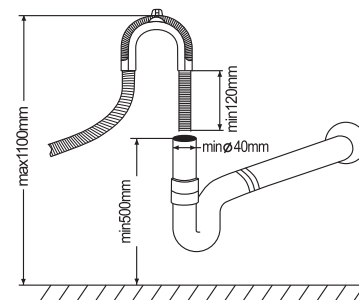
- ⚠ Connection to the water and electricity supplies should only be performed by a qualified technician.
- ⚠ The dishwasher should not stand on top of the water hoses or the electricity supply cable
- ⚠ The appliance must be connected to the water supply network using new piping. Do not use old piping.

* Connecting the water inlet hose



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

Connecting the water outlet hose



Fit the drainage hose of your machine to the drainage pipe without bending. Take extra care to ensure the drainage pipe is not kinked during installation.

If the length of the hose is not sufficient, apply to the authorized service for an extension made from the same material as the original. Remember that the length of the hose should not exceed 4 meters even when with an extension.

If the drainage hose is longer than 4 m, the dishes will not be cleaned properly. Secure your hose firmly to the drainage pipe to avoid it coming off during the washing process.

Electrical connection

Before inserting the plug into the electrical socket, make sure that:

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

* For optional

⚠ Once the appliance has been installed, the power supply cable and the electrical socket should be easily accessible.

⚠ The cable should not be bent or compressed.

⚠ If the power supply cable is damaged, it must be replaced by the manufacturer or its Technical Assistance Service in order to prevent all potential hazards.

Advice regarding the first wash cycle

After the appliance has been installed, immediately before running the first wash cycle, completely fill the powder dispenser and rinse aid dispenser.

Positioning the Appliance

Position the appliance in the desired location. The back should not rest against the wall behind it, and the sides should not rest against adjacent cabinets. The dishwasher is equipped with water supply and drain hoses that can be positioned to the right or the left to facilitate proper installation.

Leveling the Appliance

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

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

How to Drain Excess Water From Hoses

If the sink is 1000mm 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 a 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 inlet hose is not kinked or squashed.

Syphon Connection

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

Start of Dishwasher

The followings should be checked before starting the dishwasher:

- 1 Whether the dishwasher is level
- 2 Whether the water inlet valve is opened
- 3 Whether there is leakage from the water inlet
- 4 Whether the power is correctly connected and switched on
- 5 Whether the inlet and drain hoses are bent or kinked
- 7 All packing materials and printings should be taken out from the dishwasher.

Attention

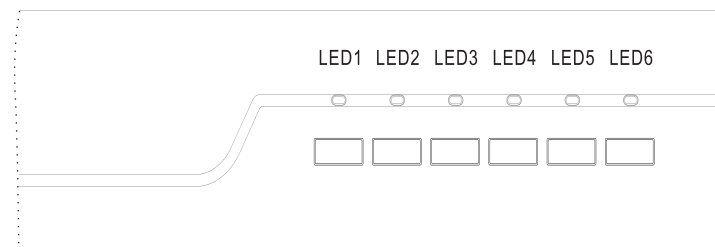
Please put this manual and extra serial number in a safe place as you will need these if your dishwasher requires service.

9. Troubleshooting Tips

Error codes

This appliance will display error codes to warn you of possible malfunctions:

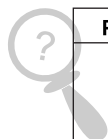
| Codes | Meaning | Possible Causes |
|------------------|--------------------|---|
| LED1, LED2 flash | Door open | The door is opened when the dishwasher is operating |
| LED1, LED4 flash | Water inlet | Water inlet malfunction |
| LED1, LED5 flash | Water drainage | Water drainage malfunction |
| LED1, LED6 flash | Temperature sensor | Temperature sensor malfunction |
| LED2, LED3 flash | Overflow/leakage | Overflow occurs/Water leakage occurs |
| LED2, LED4 flash | Water leakage | Water leakage occurs |
| LED2, LED5 flash | Heating element | Abnormal heating |



⚠ WARNING!

If overflow occurs, turn off the main water supply before calling Parmco. If there is water in the base of the dishwasher due to an overfill or small leak, the water should be removed before restarting the dishwasher.

Troubleshooting



| Problem | Possible Causes | What To Do |
|--|---|--|
| Dishwasher doesn't run | Fuse blown, or the circuit breaker | Replace fuse or reset circuit breaker. Remove any other appliances sharing the same circuit with the dishwasher. |
| | Power supply is not turned on | Make sure the dishwasher is turned on and the door is closed securely. Make sure the power cord is properly plugged into the wall socket. |
| | Water pressure is low | Check that the water supply is connected properly and the water is turned on. |
| Drain pump doesn't stop | Overflow | The system is designed to detect an overflow. When it does, it shuts off the circulation pump and turns on the drain pump. |
| Noise | Some audible sounds are normal | Sound from detergent cup opening. |
| | Utensils are not secure in the baskets or something small has dropped into the basket | To ensure everything is secured in the dishwasher. |
| | Motor hums | Dishwasher has not been used regularly. If you do not use it often, remember to set it to fill and pump out every week, which will help keep the seal moist. |
| Suds in the tub | Improper detergent | Use only the special dishwasher detergent to avoid suds. If this occurs, open the dishwasher and let suds evaporate. Add 1 gallon of cold water to the tub. Close and latch the dishwasher, then start the "soak" wash cycle to drain out the water... Repeat if necessary. |
| | Spilled rinse agent | Always wipe up rinse agent spills immediately. |
| Stained tub interior | Detergent with colourant was used | Make sure that the detergent is the one without colourant. |
| Dishes and flatware not clean | Improper program Improper basket loading | Select a stronger programme. Make sure the detergent dispenser is opening and spray arms are not blocked by large dishware. |
| Spots and filming on glasses and flatware | 1 Extremely hard water 2 Low inlet temperature 3 Overloading the dishwasher 4 Improper loading 5 Old or damp powder detergent 6 Empty rinse agent dispenser 7 Incorrect dosage of detergent | To remove spots from glassware: 1 Take out all metal utensils out of the dishwasher. 2 Do not add detergent. 3 Choose the longest cycle. 4 Start the dishwasher and allow it to run for about 18 to 22 minutes, then it will be in the main wash. 5 Open the door to pour 2 cups of white vinegar into the bottom of the dishwasher. 6 Close the door and let the dishwasher complete the cycle. If the vinegar does not work: Repeat as above, except use 1/4 cup (60 ml) of citric acid crystals instead of vinegar. |

| | | |
|--|--|---|
| Cloudiness on glassware | Combination of soft water and too much detergent | Use less detergent if you have soft water and select a shortest cycle to wash the glassware and to get them clean. |
| Yellow or brown film on inside surfaces | Tea or coffee stains | Using a solution of 1/2 cup of bleach and 3 cups of warm water to remove the stains by hand. ⚠ WARNING You have to wait for 20 minutes after a cycle to let the heating elements cool down before cleaning interior to avoid burning risk. |
| | Iron deposits in water can cause an overall film | You have to call a water softener company for a special filter. |
| White film on inside surface | Hard water minerals | To clean the interior, use a damp sponge with dishwasher detergent and wear rubber gloves. Never use any other cleaner than dishwasher detergent. |
| The detergent dispenser lid cannot be closed properly | Clogged detergent residue is blocking the catch | Clean the detergent from the catch. |
| Detergent left in dispenser cups | Dishes block detergent Cups | Re-loading the dishes properly. Ensure top basket is pushed in fully. |
| Steam | Normal phenomenon | There is some steam coming through the vent by the door latch during drying and water draining. |
| Black or gray marks on dishes | Aluminum utensils have rubbed against dishes | Use a mild abrasive cleaner to eliminate those marks. |
| Water remaining on the bottom of dishwasher | This is normal | A small amount of clean water around the outlet on the tub bottom keeps the water seal lubricated. |
| Dishwasher leaks | Overfill dispenser or rinse aid spills | Be careful not to overfill the rinse aid dispenser. Spilled rinse aid could cause oversudsing and lead to overflowing. Wipe away any spills with a damp cloth. |
| | Dishwasher isn't level | Make sure the dishwasher is level. |

Technical information

| | |
|---|-----------------------|
| W x D x H | 600mm x 600mm x 850mm |
| Voltage connected load: | See rating label |
| Water pressure: | 0.04--1.0MPa |
| Power supply: | see rating label |
| Capacity: | 12 Place settings |
| Hot water connection: | Max 60 °C |
| Supplier: Parmco Sales, 519Mt. Wellington Highway, Mt. Wellington Auckland, NZ | |

