

**BAD6003**  
**60cm Dishwasher**



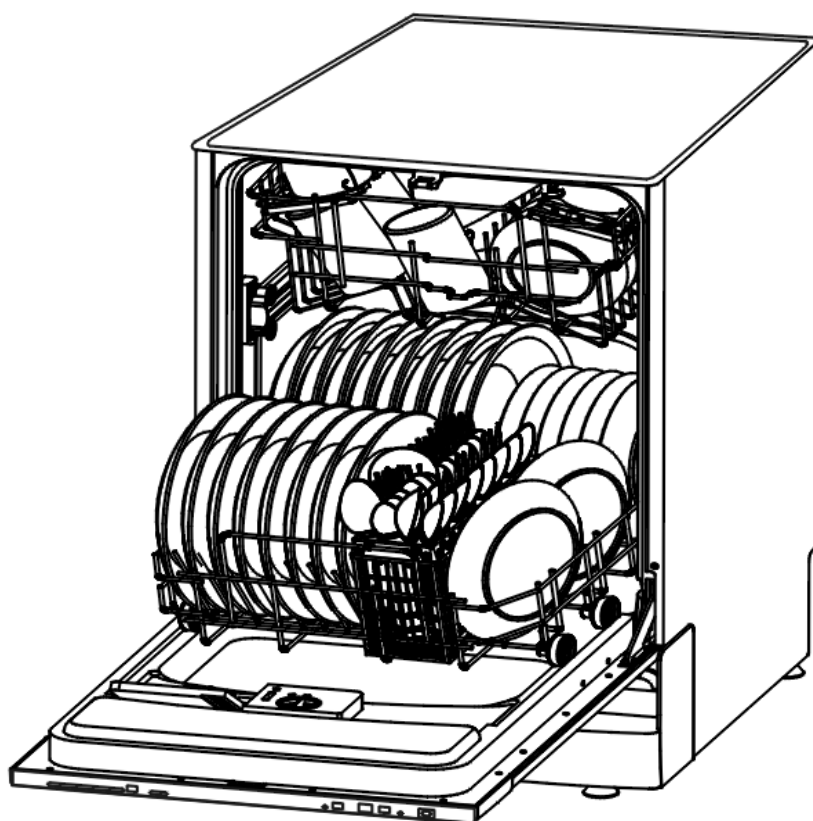
  
**Baumatic®**  
Make-up for your kitchen

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# Dishwashers

## *Instruction Manual*

BAD6003  
60cm Dishwasher





## *Read this Manual*

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*

Please review the section on Troubleshooting Tips prior to calling the Service Department. If you cannot solve the problem once you have read the Troubleshooting Tips section please feel free to contact the THINK Appliances Service Department on 1800 444 357.



### **NOTE:**

The manufacturer, following our policy of constant development and up-dating of the product we may make modifications without giving prior notice.

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## IMPORTANT SAFETY INFORMATION

### READ ALL INSTRUCTIONS BEFORE USING

#### **WARNING!**

When using your dishwasher, follow the below basic precautions including the following:



#### GROUNDING INSTRUCTIONS

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

#### **WARNING!**

- Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt whether the appliance is properly grounded. Do not modify the plug provided with the appliance; If it is not fit for the outlet. Have a proper outlet installed by a qualified electrician.



#### WARNING! PROPER USE

- Do not abuse, sit on, or stand on the door or dish rack of the dishwasher.
- Do not touch the heating element during or immediately after use.
- Do not operate your dishwasher unless all enclosure panels are properly in place. Open the door very carefully if the dishwasher is operating, there is a risk of water squirting out.
- Do not place any heavy objects or stand on the door when it is open. The appliance could tip forward.
- When loading items to be washed:
  - 1) Locate sharp items so that they are not likely to damage the door seal;
  - 2) Load sharp knives with the handles up to reduce the risk of cut-type injuries.
  - 3) Warning: Knives and other utensils with sharp points must be loaded in the basket with their points down or placed in a horizontal position.
- When using your dishwasher, you should prevent plastic items from contacting the exposed heating element.
- Check that the detergent receptacle is empty after completion of the wash cycle.
- Do not wash plastic items unless they are marked dishwasher safe or the equivalent. For plastic items that are not 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. Keep these products out of the reach of children.
- 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 appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely.
- Dishwasher detergents are strongly alkaline, they can be extremely dangerous if swallowed. Avoid contact with skin and eyes and keep children away from the dishwasher when the door is open.
- The door should not be left in the open position since this could present a tripping hazard.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Remove the door to the washing compartment when removing an old dishwasher from service or discarding it.
- 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 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 1 Mpa.
- The minimum permissible inlet water pressure is 0.04Mpa.

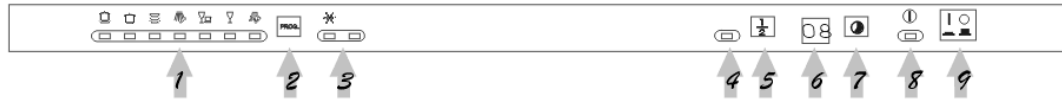
**READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY**

**KEEP THESE INSTRUCTIONS**

## IMPORTANT!

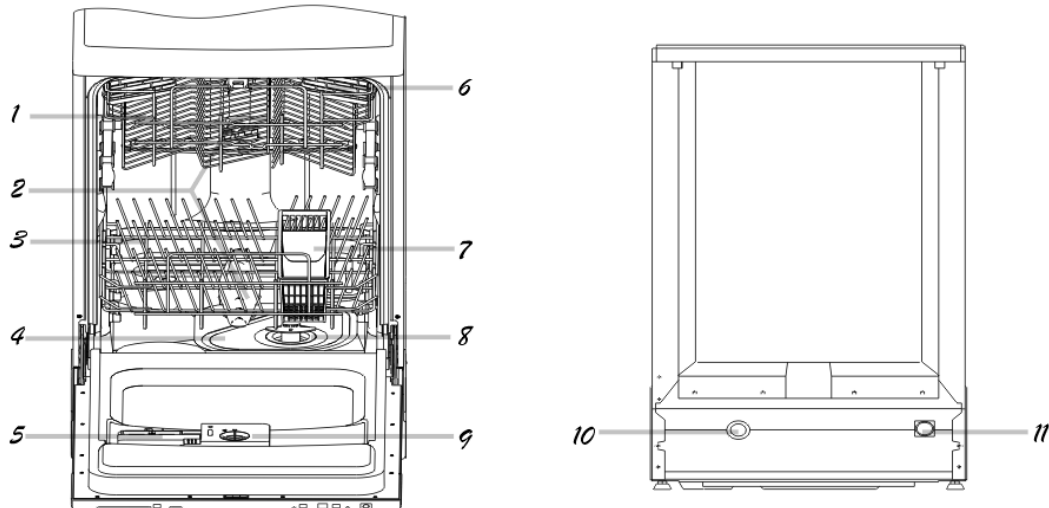
To get the best performance from your dishwasher, read all operating instructions before using it for the first time.

### Control Panel










- |  |   |
|--|---|
| <p><b>1</b> Program indicator light: when you select washing program, the correspond light will display.</p> <p><b>2</b> Program Key-press: To select wash program press the Program Key.</p> <p><b>3</b> Rinse Aid Warning Light: To come on when the dispenser needs to be refilled.</p> <p><b>4</b> Half load washing light - To come on when you select the Half load option.</p> <p><b>5</b> Half load washing key-press: To select half load washing. (Optional half washing means that the lower spray arm does not run, so you should load the upper basket only).</p> | <p><b>6</b> Delay time: To display booking time or the washing temperature. (Optional)</p> <p><b>7</b> Delayed Start Button: Press this button to set the delayed hours required for washing. You can delay the start of the wash program up to 24 hours. One press of this button will delay the start of the wash program by one hour.</p> <p><b>8</b> Power on light : To come on when the Power ON/OFF button is pressed down.</p> <p><b>9</b> ON/OFF Button : To turn on/off the power supply.</p> |
|--|---|

### Dishwasher Features



- |                       |                              |                              |                                |
|-----------------------|------------------------------|------------------------------|--------------------------------|
| <b>1</b> Upper Basket | <b>4</b> Main Filter         | <b>7</b> Silverware Basket   | <b>10</b> Drain pipe connector |
| <b>2</b> Spray Arms   | <b>5</b> Detergent Dispenser | <b>8</b> Coarse Filter       | <b>11</b> Inlet pipe connector |
| <b>3</b> Lower Basket | <b>6</b> Cup Shelf           | <b>9</b> Rinse Aid Dispenser |                                |

## WASH CYCLE TABLE

Program	Cycle	Cycle Selection Information	Description of Cycle	Detergent pre/main	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 (45°C) wash (50°C/70°C) Rinse Rinse (70°C) Drying.	5/25 g.	★
Heavy		For heavy soiled loads, such as pots, plates, glasses and lightly soiled pans. standard daily cycle.	Pre-wash Pre-wash Wash (50°C) Rinse Rinse (70°C) Drying.	5/25 g.	★
Normal	 (This should read AS/NZS 2007.1)	For normal soiled loads, such as plates, glasses, bowls and lightly soiled pans.	Pre-wash Pre-Wash Wash (50°C) Rinse 60°C Drying.	5/25 g.	★
Rinse		For dishes that need to be rinsed and dried only.	Rinse Rinse (70°C) Drying.		★
Light		For lightly soiled loads, such as glasses, crystal and fine china.	Pre-wash Wash (40°C) Rinse Rinse (60°C) Drying.	15 g.	★
Rapid		A shorter wash for lightly soiled loads that do not need drying.	Wash (40°C) Rinse Rinse	15 g.	
Soak		To rinse dishes that you plan to wash later that day.	Rinse		

## ERROR CODES

Codes	Meanings	Possible Causes
E1	Longer inlet time.	Faucets are not open.
E3	Longer heating time, but not reaching required temperature	Malfunction of temperature sensor or of heating element.
E4	Overfilled.	Too much inlet water. .
E6	Failure of temperature sensor	Open circuit or break of temperature sensor
E7	Failure of temperature sensor	Short circuit or break of temperature sensor

## WARNING!

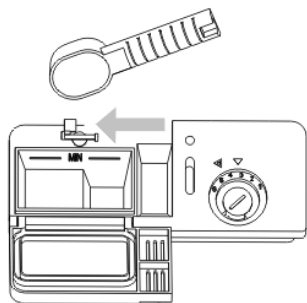
If overflow occurs, turn off the main water supply before calling a service technician. If there is water in the base pan because of an overflow or small leak, the water should be removed before restarting the dishwasher.

## 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 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 the dishwasher, otherwise it could get damp and will not dissolve properly.

### Amount of Detergent to Use

IF THE WATER ISN'T TOO HARD, YOU MAY ALSO PREVENT THE FORMATION OF DEPOSITS BY ADDING DETERGENT. The amount of detergent needed can vary due to differences in water hardness. To determine the water hardness in your area, contact your local water utility or area water softening company. The harder the water, the more detergent you may need. Remember, you should adjust the amount of detergent you use by small amounts until you find the correct amount.



#### **⚠ WARNING!**

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

### Removing Hard Water Spots

To remove hard water spots, try the following:

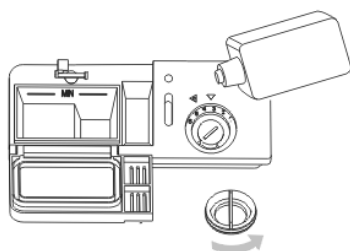
- Run dishes through a normal wash program.
- Remove all metal dishware, such as cutlery, pans, etc., from the dishwasher.
- Do not add detergent.
- Pour two cups of vinegar into a bowl and set the bowl face up on the lower rack of the dishwasher.
- Run the dishes through a normal wash program.

If this doesn't work, try the same process with 1 / 4 cup of citric acid crystals instead of vinegar.

### Proper Use of Detergent

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.

## RINSE AID DISPENSER



- To open the dispenser, turn the cap to the "open" (left) arrow and lift it out.
- Pour the rinse aid into the dispenser, being careful not to overfill.
- 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. 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 excessive suds. Wipe away any spills with a damp cloth. Don't forget to replace the cap before you close the dishwasher door.

If you have soft water, you may not need rinse aid for it may cause a white film to develop on your dishes.

### Adjusting Rinse Aid Dispenser

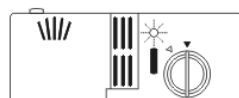


A measured amount of rinse aid is released during the final rinse. As with detergent, the amount of rinse aid needed for your dishes depends on the hardness of the water in your area. Too much rinse aid can result in lather of foaming and cause cloudiness or streaks on your dishes. If the water in your area is very soft, you may not need rinse aid. If you do, you can dilute the rinse aid with an equal amount of water.

The rinse aid dispenser has six settings. Always start with the dispenser set on "2". If spots and poor drying are problems, increase the amount of rinse aid dispensed by removing the dispenser lid and rotating the dial to "3". If the dishes are still not drying properly or are spotted, adjust the dial to the next higher number until your dishes are spot-free. We suggest you to set on "4".

## When to Refill the Rinse Aid Dispenser

If there is no rinse aid warning light on the control panel, you can judge the amount of rinse aid by the following means. The black dot on the rinse aid dispenser indicates the amount of rinse aid in the dispenser. As the rinse aid diminishes, the size of the black 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

## Loading the Dishwasher Racks.

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

## HOW TO USE THE UPPER RACK(14 PLACE SETTINGS)

THE UPPER RACK IS FOR MORE DELICATE AND LIGHTER DISHWARE SUCH AS GLASSES, COFFEE & TEA CUPS, SAUCERS, PLATES, BOWLS, AND SHALLOW PANS (PROVIDED THESE ARE NOT TOO DIRTY).

POSITION THE DISHES AND COOKWARE SO THAT THEY DO NOT GET MOVED BY THE SPRAY OF WATER. ALWAYS PLACE GLASSES, CUPS & BOWLS UPSIDE DOWN.

### NOTE:

YOUR DISHWASHER COMES WITH AN ADJUSTABLE TOP RACK (BASKET) PICTURED AT RIGHT. ITS HEIGHT CAN BE ADJUSTED BY ROTATING THE TWO PLASTIC GRIPES OF THE BASKET. (PLS SEE THE FIGURES ON THE RIGHT: POSITION 1 & POSITONG 2.)

### NOTICE:

INSURE THE METAL POLE IS WEDGED INTO THE GROOVE RELIABLY DURING THE HEIGHT ADJUSTMENT.



POSITION 1



POSITION 2



\*\*\*NOTE\*\*\*: THE UPPER RACK HAS SIDE FLAPS (PICTURED AT LEFT ABOVE BASKET). THERE ARE 4 (2 ON EACH SIDE). THESE CAN BE ADJUSTED INTO 2 POSITIONS = POSITION 1 (HIGH) AND POSITION 2 (LOW).

TO MOVE THE FLAPS BETWEEN THESE POSITIONS, FIND THE LARGE HINGES CLASPING EACH FLAP TO THE UPPER RACK. THERE ARE TWO OF THESE AT EITHER END OF EACH FLAP. GENTLY PULL BOTH CLASPS OFF THE WIRE RACK AND MOVE THE FLAP TO THE DESIRED POSITION. BE CAREFUL IF YOU HAVE LONG FINGERNAILS!

### POSITION 1

THE UPPER POSITION WILL ACCOMMODATE ITEMS SUCH AS GLASS TUMBLERS (PLACED BENEATH FLAP) AND WINE GLASSES. WINE GLASSES CAN BE PLACED UPSIDE DOWN SO THAT THE NECK NESTLES SNUGLY IN THE GROOVES AT SIDE OF FLAP WITH THE BASE OF THE GLASS FACING UPWARD.

### POSITION 2

WHEN THE FLAPS ARE MOVED TO THE LOWER POSITION, THEY CAN BE USED TO HOLD ADDITIONAL TUMBLERS, CUPS AND MUGS. ALWAYS CHECK THAT YOU ARE ONLY PLACING ITEMS ON THE FLAPS THAT WILL CLEAR THE CEILING HEIGHT OF YOUR DISHWASHER WHEN YOU PUSH THE RACK BACK IN. BE PARTICULARLY CAREFUL WITH LONG-STEMMED GLASSWARE SUCH AS CHAMPAGNE GLASSES BREAKAGE HAZARD!

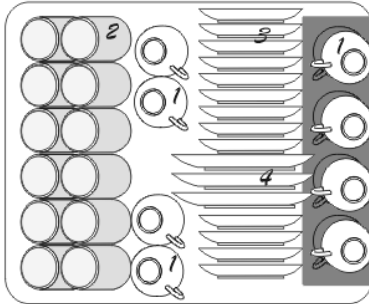


## How to use the Upper Rack

The upper rack 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.

The upper rack can be adjusted for height by putting wheels of different height into the rails.



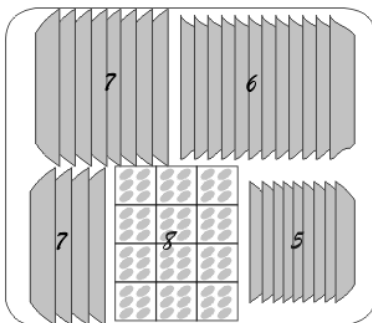
- 1 Cups
- 2 Glasses
- 3 Saucers
- 4 Dessert dishes

## How to use the Lower Rack

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

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.

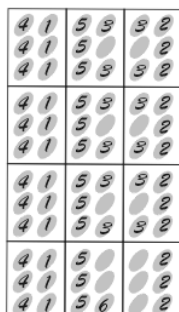
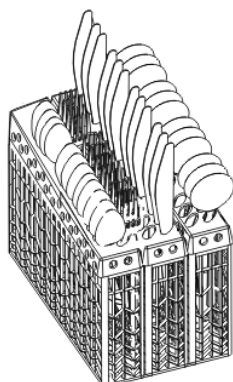
- Pots, serving bowls, etc, must always be placed top down.
- Deep pots should be slanted to allow water to flow out.
- The bottom rack features fold down tine rows so that larger or more pots and pans can be loaded.



- 5 Dessert dishes
- 6 Dinner plates
- 7 Soup plates
- 8 Silverware basket

## SILVERWARE BASKET

Silverware should be placed in the silverware basket with handles at the bottom. If the rack 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 rack.



- |                  |               |
|------------------|---------------|
| 1 Forks          | 5 Knife       |
| 2 Soup spoons    | 6 Gravy ladle |
| 3 Dessert spoons |               |
| 4 Teaspoons      |               |



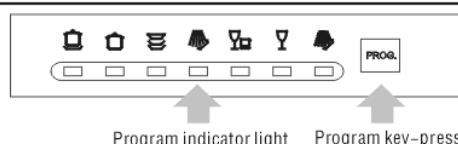
### ⚠ WARNING!

Do not let any item extend through bottom.

## Turning on the Appliance

### Starting a wash cycle. . .

- 1 Make sure that the plug of the appliance is inserted into the wall socket.
- 2 Make sure that the water supply is turned on to full pressure.
- 3 Load the dishwasher (see the section entitled, "Loading the Dishwasher").
- 4 Pour in the detergent (see the section entitled, "Salt, Detergent and Rinse Aid").
- 5 Open the door, press the ON/OFF button, and the ON/OFF light will turn on.
- 6 Press the "prog key-press" to select the "Wash cycle". (see the section entitled, "Wash Cycle Table").
- 7 Close the door, wash program will begin after ten seconds.



### Cancelling or modifying a wash cycle setting. . .

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 paragraph entitled "Loading the Detergent").

Open the door, hold down the Program key for more than three seconds and then you will be able to change the program to the desired cycle (see the section entitled, "Starting a wash cycle. . ."). Then, close the door.

## At the End of the Wash Cycle

When the washing cycle has finished, a beeping sound will remain for eight seconds, then stop. Turn off the appliance using the ON/OFF button, and then open the dishwasher door. Wait a few minutes before unloading the dishwasher to avoid handling the dishes and utensils while they are still hot and more vulnerable to breakage. They will also dry better.

### Forget to Add a Dish?

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

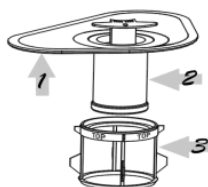
- |  |  |
|--|--|
| 1 Open the door a little to stop the washing.                          | 3 Add forgotten dishes.                                      |
| 2 After the spray arms stop working, you can open the door completely. | 4 Close the door, the dishwasher will work after ten second. |

### ⚠ WARNING!

It is dangerous to open the door when washing, because the hot water may burn you.

## Filtering System

For your convenience, we have placed the drain pump and filtering system within easy reach inside the tub. There are three components of the filtering system: the main filter, the coarse filter, and the fine filter.



- 1 Main filter**  
Food and soil particles trapped by this filter are pulverized by a special jet on the lower spray arm and washed down the drain.
- 2 Coarse filter**  
Larger items, such as pieces of bone or glass, that could clog the drain are trapped in the coarse filter. To remove an item caught in this filter, gently squeeze the tabs on top of this filter and lift it out.
- 3 Fine filter**  
This filter holds soil and food residue in the sump area and prevents it from being redeposited on the dishes during a cycle.

ATTENTION: Do not put the fine filter upside down.

## Caring for the Dishwasher

To clean the control panel use a lightly dampened cloth then dry thoroughly. To clean the exterior use a good appliance polish wax.

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

## Protect Against Freezing

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

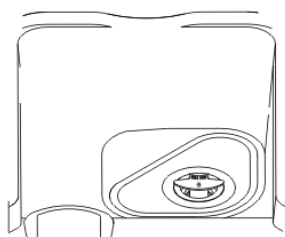
- 1** Cut off electrical power to the dishwasher.
- 2** Turn off the water supply and disconnect the water inlet pipe from the water valve.
- 3** Drain water from the inlet pipe and water valve.  
(Use a pan to catch the water.)
- 4** Reconnect the water inlet pipe to the water valve.
- 5** Remove the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

## Cleaning the Spray Arms



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

## Cleaning the Filters



### Filter assembly

For best performance and results, the filter assembly must be cleaned.

The filter efficiently removes food particles from the wash water, allowing it to be recirculated during the cycle. For this reason, it is a good idea to remove the larger food particles trapped in the filter after each wash cycle by rinsing the semicircular filter and cup under running water. To remove the filter assembly, pull on the cup handle in the upward direction. The entire filter assembly should be cleaned once a week.

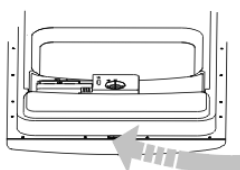
To clean the coarse filter and the fine filter, use a cleaning brush. Then, reassemble the filter parts as shown in the figures left and reinsert the entire assembly in the dishwasher, positioning in its seat and pressing downward.

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 Door



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

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

### **⚠ WARNING!**

Never use a spray cleaner to clean the door panel for it could damage the door lock and electrical components. Do not use an abrasive cleaning agent or a paper towel as you may risk scratching or leaving spots on the stainless steel surface.

## 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 ajar so that moisture and odours are not trapped inside.

### ■ **Remove the Plug**

Before cleaning or performing maintenance, always remove the plug from the socket. Do not run risks.

### ■ **No Solvents or Abrasive Cleaning**

To clean the exterior and rubber parts of the dishwasher, do not use solvents or abrasive cleaning products. Rather, 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 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 odors to form in the dishwasher is food that remains trapped in the seals. Periodic cleaning with a damp sponge will prevent this from occurring.

## About Electricity Connecting

### **⚠ CAUTION,** 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 THIRD GROUNDING PRONG FROM THE POWER CORD.

## Electrical Requirements

Please see the rating label to know the rating voltage and connect the dishwasher to appropriate power supply. Time delay fuse or circuit breaker recommended and provide separate circuit serving only this appliance. Outlet should be placed in adjacent cabinet.

## Electrical Connection

### **⚠ WARNING!**

Insure proper ground exists before use

After making sure that the voltage and the frequency values for the current in the home correspond to those on the rating plate and that the electrical system is sized for the maximum voltage on the rating plate, 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 an adaptor or the like as they could cause overheating and burns.

## *Cold Water Connection*

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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 damage the appliance.

NOTE:Do not connect the dishwasher to Hot Water.

### **⚠ WARNING!**

In order to avoid that there is more water staying in the inlet hose, please close the hydrant after using.(For the models: no safety inlet hose.)

## Before Calling for service . . .

### Troubleshooting Tips

Please review the following tables prior to calling the Think Appliance Service Department.



<i>Problem</i>	<i>Possible Causes</i>	<i>What To Do</i>
<i>Dishwasher doesn't run</i>	Fuse blown, or the circuit breaker activated	Replace the fuse or reset the circuit the 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.
<i>Drain pump doesn't stop</i>	Overflow	The system is designed to detect an overflow. When it does, it shuts off the circulation pump and turns on the drain pump.
<i>Noise</i>	Some audible sounds are normal	Sound from soft food shredding action and 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.
<i>Suds in the tub</i>	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 drain out the water by slowly turning the Dial until a drain period is reached. Repeat if necessary.
	Spilled rinse agent	Always wipe up rinse agent spills immediately.
<i>Stained tub interior</i>	Detergent with colorant was used	Make sure that the detergent is the one without colorant.
<i>Dishes are not dried</i>	Rinse agent dispenser is empty	Make sure that the rinse agent dispense is filled.
<i>Dishes and flatware not clean</i>	Improper program	Select stronger program
	Improper rack loading	Make sure that the action of the detergent dispenser and spray arms are not blocked by large dishware.
<i>Spots and filming on glasses and flatware</i>	<ol style="list-style-type: none"> <li>1 Extremely hard water</li> <li>2 Low inlet temperature</li> <li>3 Overloading the dishwasher</li> <li>4 Improper loading</li> <li>5 Old or damp powder detergent</li> <li>6 Empty rinse agent dispenser</li> <li>7 Incorrect dosage of detergent</li> </ol>	<p>To remove spots from glassware:</p> <ol style="list-style-type: none"> <li>1 Take out all metal utensils out of the dishwasher.</li> <li>2 Do not add detergent.</li> <li>3 Choose the longest cycle.</li> <li>4 Start the dishwasher and allow it to run for about 18 to 22 minutes, then it will be in the main wash.</li> <li>5 Open the door to pour 2 cups of white vinegar into the bottom of the dishwasher.</li> <li>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.</li> </ol>

## Before calling for service . . .

<i>Problem</i>	<i>Possible Causes</i>	<i>What To Do</i>
<i>Cloudiness on glassware</i>	Combination of soft water and too much detergent	Use less detergent if you have soft water and select the shortest cycle to wash the glassware and to get them clean.
<i>Yellow or brown film on inside surfaces</i>	Tea or coffee stains	using a solution of 1/2 cup of bleach and 3 cups warm water to remove the stains by hand. <b>⚠ WARNING</b> You have to wait for 20 minutes after a cycle to let the heating elements cool down before cleaning interior; otherwise, burns will happen.
	Iron deposits in water can cause an overall film	You have to call a water softener company for a special filter.
<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>Detergent cup lid won't latch</i>	Dial is not in the OFF position	Turn the Dial to OFF position and slide the door latch to the left.
<i>Detergent left in dispenser cups</i>	Dishes block detergent cups	Re-loading the dishes properly.
<i>Steam</i>	Normal phenomenon	There is some steam coming through the vent by the door latch during drying and water draining.
<i>Black or gray marks on dishes</i>	Aluminum utensils have rubbed against dishes	Use a mild abrasive cleaner to eliminate those marks.
<i>Water remaining in the bottom of the tub</i>	This is normal	A small amount of clean water will remain around the outlet within the bottom tub towards the rear, which keeps the seal lubricated.
<i>Dishwasher leaks</i>	Overfill dispenser or rinse aid spills	Be careful not to overfill the rinse aid dispenser. Spilled rinse aid could cause excessive and lead to overflowing. Wipe away any spills with a damp cloth.
	Dishwasher isn't level	Make sure the dishwasher is level.