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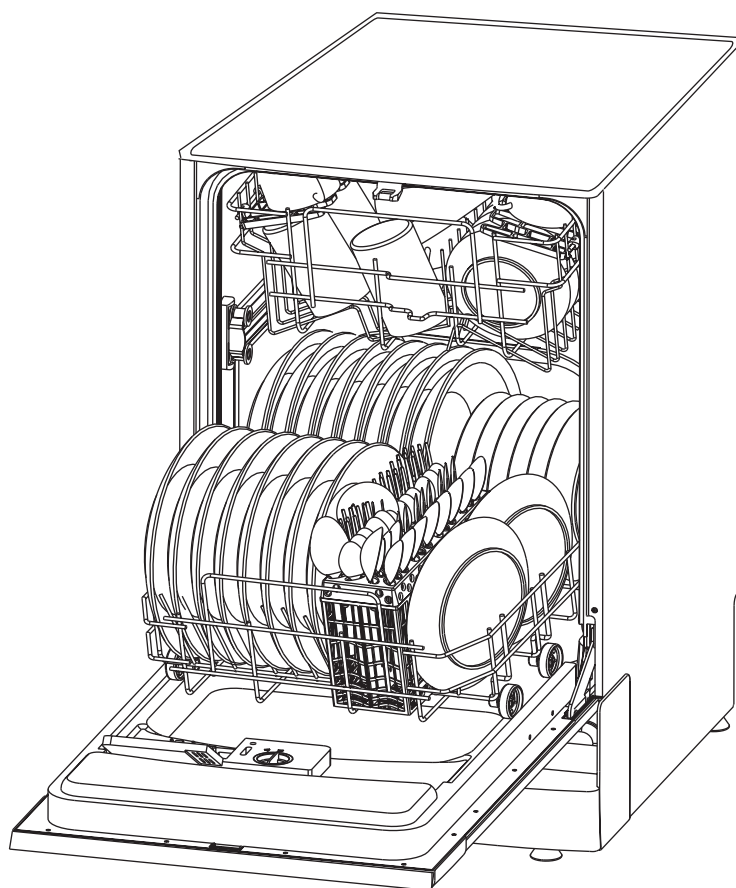
# HOOVER

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*Instruction Manual*

HFI 550/E-80

# Dishwashers





## *Read this Manual*

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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*

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



### **NOTE:**

The manufacturer, following a policy of constant development and up-dating of the product, 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 basic precautions including the following:*



### GROUNDING INSTRUCTIONS

This appliance complies with international safety standards, and is fitted with a plug with earth connection to ensure complete earthing of the product.

Before connecting the appliance to the mains supply it is important to ensure:

- That the supply socket is properly earthed.
- That your electricity supply is capable of meeting the consumption requirements listed on the rating plate of your appliance.



### WARNING! PROPER USE

This appliances 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.

A different use of this appliance from household environment or from typical housekeeping functions, as commercial use by expert or trained users, is excluded even in the above applications.

If the appliance is used in a manner inconsistent with this it may reduce the life of the appliance and may void the manufacturer's warranty.

Any damage to the appliance or other damage or loss arising through use that is not consistent with domestic or household use (even if located in a domestic or household environment) shall not be accepted by the manufacturer to the fullest extent permitted by law.

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 wash plastic items unless they are marked dishwasher safe or the equivalent. For plastic items not so marked, check the manufactures 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 children.

Keep child away from detergent and rinse aid, keep child away from the open door of the dishwasher, there could still be some detergent left inside.

The door should not be left in the open position since this could present a tripping hazards.

During installation, the power supply must not be excessively or dangerously bent or flattened.

Do not tamper with controls.

The appliance is not intended for use by young children or infirm persons without supervision.

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.

Important: when the appliance location is on carpet floors, attention must be paid so as to ensure that there is no obstruction to the bottom vents.

### **WARNING!**

Ensure that your product is properly earthed. In the absence of adequate earthing you will notice that when touching the metal parts of your appliance an electrical dispersion can be felt, due to the presence of a radio interference suppressor.

**Important: manufacturer declines all responsibility for any damage due to non-earthing of the machine.**



This appliance complies with Directives 89/336/EEC, 73/23/EEC and following changes.

Do not operate your dishwasher unless all enclosure panels are properly inplace. Open the door very carefully if the dishwasher is operating, there is a risk of water squirting out.

Do not place any heavy objects of 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.

When using your dishwasher, you should prevent plastic item from contacting with heating element.

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.

Remove the door to the washing compartment when removing an old dishwasher from service or discarding it.

Young children should be supervised to ensure that they do not play with the appliance.

Check that the detergent receptable is empty after completion of the wash cycle.

Cutlery is washed best if it is placed in the basket with handles downwards.

### **Warning:**

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



## IMPORTANT!

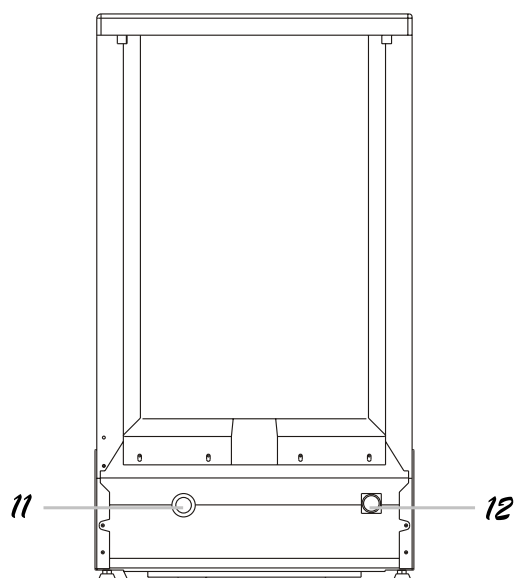
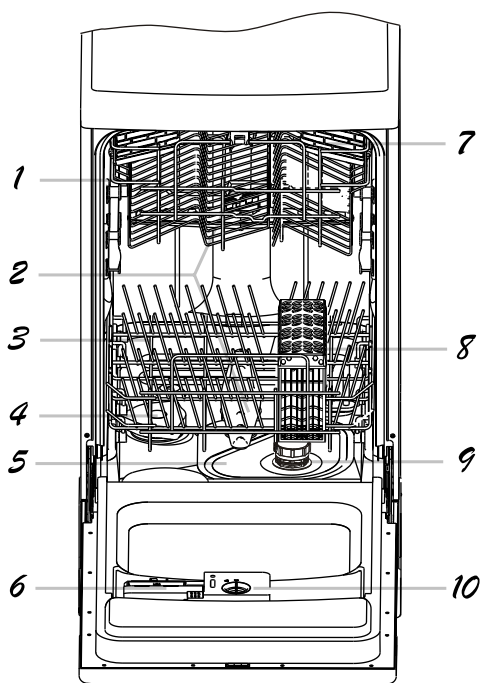
To get the best performance from your dishwasher, read all operating instructions before using for the first time. Keep this booklet safe for future reference.

### Control Panel










- |  |   |
|--|---|
| <p><b>1</b> Programme indicator light: when you select washing programme, the correspond light will display.</p> <p><b>2</b> Programme Key press: to select washing program press the Programme Key press.</p> <p><b>3</b> Rinse Aid warning and salt Light: To come on when the softener or dispenser needs to be refilled (Certain models only).</p> | <p><b>4</b> Delay start time: To display selected time or washing temperature.</p> <p><b>5</b> Delay key—press: To set the delay start time.</p> <p><b>6</b> Power on light: To come on when Power ON/OFF Button is pressed down.</p> <p><b>7</b> ON/OFF Button: To turn on/off the power supply.</p> |
|--|---|

### Dishwasher Features



- |                       |                              |                         |                                |
|-----------------------|------------------------------|-------------------------|--------------------------------|
| <b>1</b> Upper Basket | <b>4</b> Water Softener      | <b>7</b> Cup Shelf      | <b>10</b> Rinse Aid Dispenser  |
| <b>2</b> Spray Arms   | <b>5</b> Main Filter         | <b>8</b> Cutlery Basket | <b>11</b> Drain pipe connector |
| <b>3</b> Lower Basket | <b>6</b> Detergent Dispenser | <b>9</b> Coarse Filter  | <b>12</b> Inlet pipe connector |

# WASH CYCLE TABLE

Program	Cycle	Cycle Selection Information	Description of Cycle	Detergent pre/main	Energy* (kWh)	Water* (litres)	Duration (minutes)	Rinse Aid
Strong		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 Pre-wash (45°C) Wash (70°C) Rinse (75°C) Drying	8/24 gr.	1.36	17	170	★
Eco (*EN5 0242)		Programme for normally soiled tableware (the most efficient in terms of its combined energy and water consumption for that type of tableware). <b>Programme standardized to EN 50242.</b>	Pre-wash Wash (50°C) Rinse (65°C) Drying	5/22 gr.	0.77	10	160	★
Normal		For lightly soiled loads, such as plates, glasses, bowls and lightly soiled pans.	Pre-wash Wash (45°C) Rinse (65°C) Drying	4/20 gr.	0.82	14	100	★
1 Hour		Daily wash in only 1 hour. Suitable for normal soiled dishes that are to be washed straight after a meal (max 6 plate settings).	Pre-wash (30°C) Wash (70°C) Rinse (65°C) Drying	20 gr.	0.88	11	60	★
Delicate		For lightly soiled loads, such as glasses, crystal and fine china.	Wash (45°C) Rinse (65°C) Drying	20 gr.	0.76	12	85	★
Rapid		A shorter wash for lightly soiled loads (max 4 plate settings).	Wash (50°C) Rinse (55°C) Drying	15 gr.	0.55	9	40	★
Soak		To rinse dishes that you plan to wash later that day.	Pre-wash		0.01	6	9	

Power consumption of the off-mode and of the left-on mode: 0 W / 0.4 W

\*Values are measured in a laboratory according to European Standard EN 50242 (consumption may vary according to conditions of usage).

## Overfill Protection

Your dishwasher has an overfill protection device which could automatically shuts off the inlet valve and starts the drain pump if the water overflow. If this occurs, Turn off the main water supply before calling for service. If there is water in the base pan because of an overfill or small leak, the water should be removed before restarting the dishwasher.

**NOTE:** If your model does not use water softener, you may skip this section.

## WATER SOFTENER

There are two ways to reduce the water hardness: one way is using water softener, the other is using detergent.

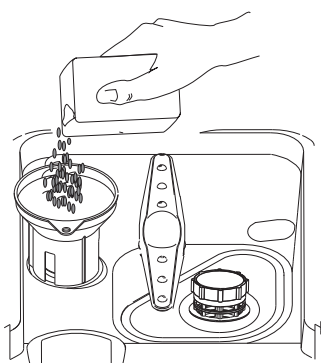
The hardness of the water varies from place to place. If hard water is used in the dishwasher, deposits will form on the dishes and utensils.

The appliance is equipped with a special softener that uses a salt specifically designed to eliminate lime scale from the water.

### Loading the Salt into the Softener

Always use salt intended for use with dishwashers.

The salt container is located beneath the lower rack and should be filled as follows:

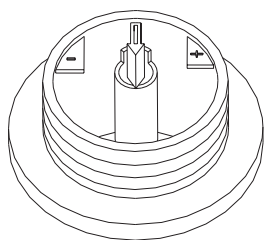


- 1 Remove the lower basket and then unscrew and remove the cap from the salt container.
- 2 If you are filling the container for the first time fill 2/3 of its volume with water.
- 3 Place the end of the funnel (supplied) into the hole and introduce about 2kg of salt. It is normal for a small amount of water to come out of the salt container.
- 4 Carefully screw the cap back on.

- NOTE:**
1. The salt container must be refilled when the salt warning light comes on. Though the salt container is filled enough, the indicator light may not black out before the salt fully dissolves.
  2. If there is a salt spillage run the soak programme to remove spillage.

### Adjusting Salt Consumption

The dishwasher is designed to allow for adjusting the amount of salt consumed based on the hardness of the water used. This is intended to optimize and customize the level of salt consumption. Set the level of consumption as follows:



- 1 Unscrew the cap from the salt container.
- 2 There is a ring on the container with an arrow on it (see Figure to the side), if necessary, rotate the ring in the anti-clockwise direction from the "-" Setting towards the "+" sign, based on the hardness of the water being used. It is recommended that adjustments should be made in accordance with the following schema:

WATER HARDNESS			Selector Position	Salt consumption (gram/cycle)	Auto nomy (cycles/2kgs)
°fH	°dH	mmol/l			
0~10	0~5	0~1.0	-	0	/
10~25	5~14	1.0~2.5	/	20	60
25~50	14~28	2.5~5.0	MED	40	40
>50	>28	>5.0	+	60	25

Contact your local water board for information on the hardness of your water supply.

# DETERGENT DISPENSER

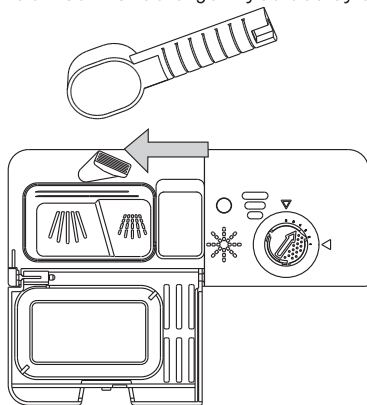
## DO NOT ADD TOO MUCH DETERGENT

The dispenser must be refilled before the start of each wash cycle following the instructions provided in the “wash cycle table” . Your dishwasher will use less detergent and rinse aid than conventional dishwashers. Generally, only one tablespoon of detergent is needed for a normal wash load. Heavily soiled wash loads will need more detergent. Always add the detergent just before starting the dishwasher, as 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 you area contact you local water utility. 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:

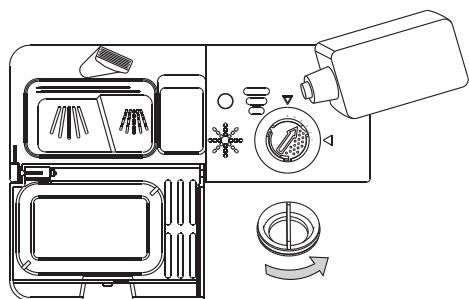
- Run dishes through a normal wash program.
- Remove all metal dishware, such as cutlery, pans, etc., from the dishwasher.
- Do not add detergent.
- Pour two cups of vinegar into a bowl and set the bowl face up on the lower rack of the dishwasher.
- Run the dishes through a normal wash program.

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.

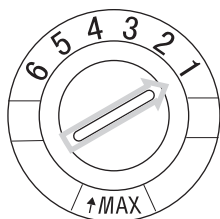
The rinse aid is released during the final rinse to prevent water from forming droplets on your dishes that can leave spots and streaks. It also improves drying by allowing water to run off the dishes.

Your dishwasher is designed to use liquid rinse aid. 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 dispenser holds about 100 ml of liquid rinse aid.

Be careful not to overfill the dispenser, because this could cause excessive foaming. 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 as it may cause a white film to develop on your dishes.

## Adjusting Rinse Aid Dispenser



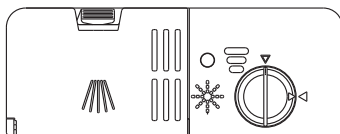
A measured amount of rinse aid is released during the final rinse. As with detergent, the amount of rinse aid needed for your dishes depends on the hardness of the water in your area. Too much rinse aid can result in excess foaming and cause cloudiness or streaks on your dishes. If the water in your 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 "1". If spots and poor drying are problems, increase the amount of rinse aid dispensed by removing the dispenser lid and rotating the dial to "2". 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. We suggest you to set on "4". If only four settings we suggest you set on "2".

In accordance with EN50242 standard, the dispenser should be set on the maximum lever when doing the performance.

## 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 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 Baskets.

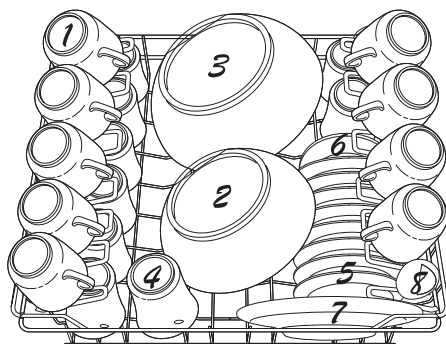
For best performance of the dishwasher, follow these loading guidelines. Features and appearances of baskets and cutlery baskets may vary for your model.

### How to use the Upper Basket

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

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



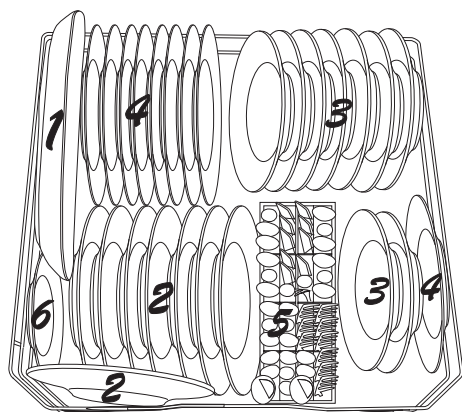
- 1 Cups
- 2 Small serving bowl
- 3 Large serving bowl
- 4 Glasses
- 5 Saucers
- 6 Dish
- 7 Dessert dishes
- 8 Gravy ladle

### How to use the Lower Basket

We recommend that you place large items which are more difficult to clean into 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 racks in order to avoid blocking the rotation of the top spray arm.

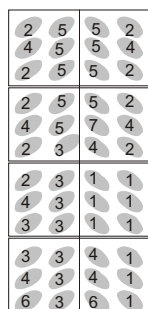
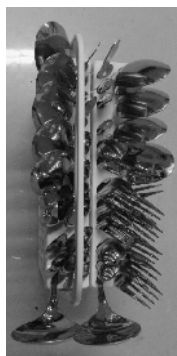
- Pots, serving bowls, etc, must always be placed top down.
- Deep pots should be slanted to allow water to flow out.
- The bottom basket features a fold down flap so that larger or more pans can be loaded.



- 1 Oval platter
- 2 Dessert dishes
- 3 Soup plates
- 4 Dinner plates
- 5 Silverware basket
- 6 Saucers

## CUTLERY 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.



IN  
↑

- |                  |                  |
|------------------|------------------|
| 1 Forks          | 5 Knives         |
| 2 Soup spoons    | 6 Serving spoons |
| 3 Dessert spoons | 7 Serving forks  |
| 4 Teaspoons      |                  |



### ⚠ WARNING!

Do not leave any item extend through bottom. Knives and other utensils with sharp points must be loaded in the basket with their points down or placed in an horizontal position.

## Turning on the Appliance

### Starting a wash cycle. . .



Program indicator light

Program key-press

Delay key-press

- 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, the washing will start after ten seconds.
- 8 Press the key to set the delay start time. This dishwasher can be delayed to start between 1 to 24 hours, and the display window beside the delay key can indicate the remaining time.If you want to cancel the delay start, just press the key to make the remaining time become 0.

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

Premise: A cycle that is underway can only be modified if it has 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 the "Prog" button down for at least 5 seconds (the running programme will be cancelled). At this point a new programme can be selected.

### At the End of the Wash Cycle

When the washing cycle has finished, an 8 second buzzer will sound.Turn off the appliance using the ON/OFF button,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.

### 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.
- 2 After the spray arms stop working,you can open the door completely.
- 3 Add forgotten dishes.
- 4 Close the door, the dishwasher will resume after ten seconds.

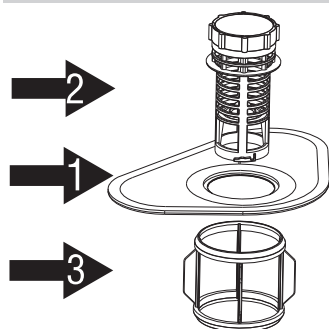
### ⚠ WARNING!

It is dangerous to open the door when washing, because the hot water may be scalded to you. The door should not be left in the open position since this could present a tripping hazard.



## 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.

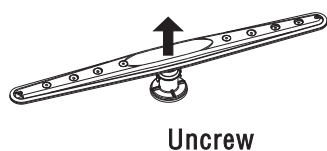
## Caring for the Dishwasher

To clean the control panel use a lightly dampened cloth then dry thoroughly. To clean the dishwasher outside, do not use solvents (degreasing action) neither abrasives, but only a cloth soaked with water.

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:



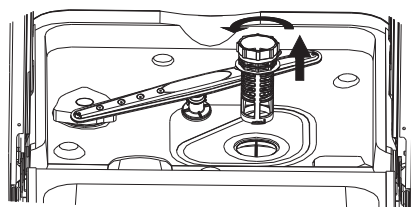
Uncrew

- 1** Cut off electrical power to the dishwasher. Remove fuses or trip circuit breaker.
- 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 plastic sump cover in the tub the bottom and use a sponge to soak up water in rubber boot.

## 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 arm, screw off the nut 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 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 at least once a month.

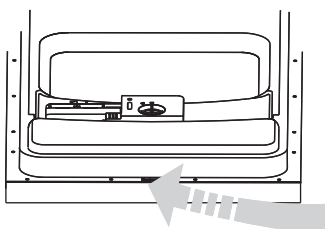
To clean the coarse filter and the fine filter, use a cleaning brush. Then, reassemble the filter parts as shown in the figures left and reinsert the entire assembly in the dishwasher, positioning in its seat and pressing downward.

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 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.

### **⚠ 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 agent or paper towels because of the risk of scratching or leaving spots on the stainless steel surface.

## How to Keep Your Dishwasher in Good Condition

### ■ **After Every Wash**

After every wash, turn off the water supply to the appliance and leave the door slightly ajar so that moisture and odors 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. Instead, 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 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 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

Fused electrical supply is required—copper wire only. Time delay fuse or circuit breaker recommended and provide separate circuit serving only this appliance. Outlet should be placed in adjacent cabinet.

Make sure that the plug on the appliance remains accessible after installation.

### **Electrical Connection**

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, installed by qualified electrician, rather than using an adaptors.

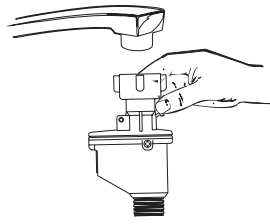
### **⚠ WARNING!**

Insure proper ground exists before use



## How to Connect the safety supply hose

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The appliance must be connected to the water mains using new hose-sets. The old hose-sets should not be reused.

Water pressure must be between 0,04 MPa and 1 MPa. If the pressure is below the minimum consult our Service Department for advice.

- 1** Pull The safety supply hoses completely out from storage compartment located at rear of dishwasher.
- 2** Tighter the screws of the safety supply hose to the faucet with thread 3/4inch.
- 3** Turn water fully on before starting the dishwasher.

## ABOUT THE SAFETY SUPPLY HOSE.

The safety supply hose consists of the double walls. The hose's system guarantees its intervention by blocking the flow of water in case of the supply hose breaking and when the air space between the supply hose itself and the outer corrugated hose is full of water.

### **⚠ WARNING!**

A hose that attaches to a sink spray can burst if it is installed on the same water line as the dishwasher. If your sink has one, it is recommended that the hose be disconnected and the hole plugged.

### *How to Disconnect the Unicouple from Faucet Adapter*

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- 1** Turn off the water.
- 2** Release the water pressure by depressing the pressure release button. This relieves water pressure and protects you, and the room, from severe splashing.
- 3** Release Unicouple from faucet by depressing the collar at the top of the Unicouple connector.

### *How to Disconnect the Dishwasher*

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- 1** Remove the power cord plug from the wall receptacle.
- 2** Disconnect Unicouple from faucet adapter.

**NOTE:** When motor stops at the end of the final rinse, the Unicouple can be disconnected and returned to storage.

## 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.

## HOT WATER CONNECTION

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The water supply to the appliance can also be connected to the house hot water line (centralized system, heating system), as long as it does not exceed a temperature of 60 C. In this case, the wash cycle time will be shortened by about 15 minutes and the wash efficiency slightly reduced.

The connection must be made to the hot water line following the same procedures as those for the connection to the cold water line.

## Before Calling for service . . .

### Troubleshooting Tips

Review the charts on the following pages may make you be free of calling for service.



<i>Problem</i>	<i>Possible Causes</i>	<i>What To Do</i>
<i>Dishwasher doesn't run</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.
	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 4 litres 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 cutlery not clean</i>	Improper program	Select stronger program
	Improper basket 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 a 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>	This is normal	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 standing in the bottom of the tub</i>	This is normal	A small amount of clean water around the outlet on the tub bottom at the back of the tub keeps the water 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 foaming and lead to overflowing. Wipe away any spills with a damp cloth.
	Dishwasher isn't level	Make sure the dishwasher is level.