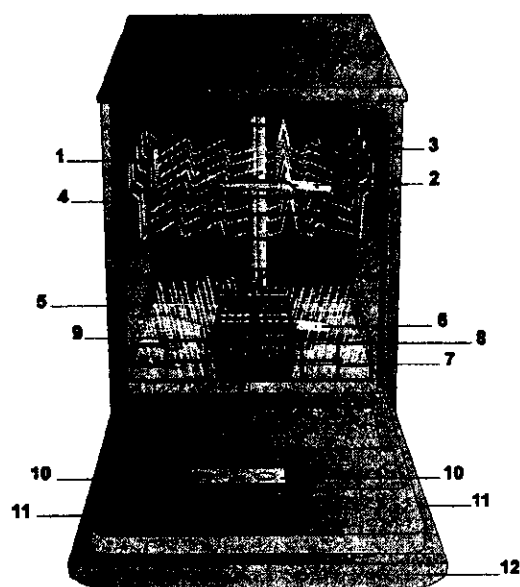


Description of the appliance

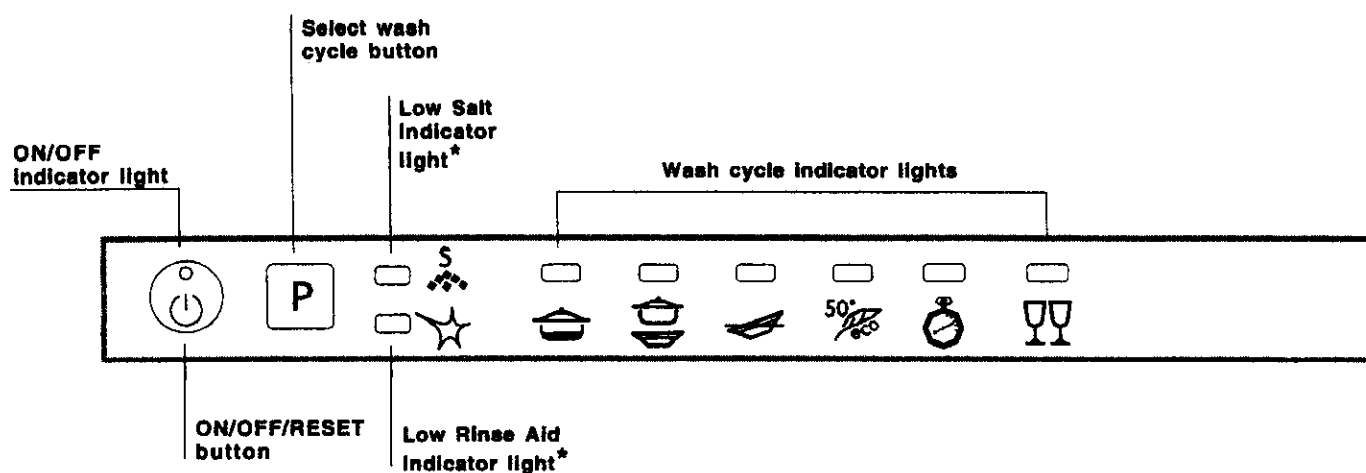
Overall view



1. Upper rack
2. Upper sprayer arm
3. Tip-up compartments
4. Rack height adjuster
5. Lower rack
6. Lower sprayer arm
7. Cutlery basket
8. Washing filter
9. Salt dispenser
10. Detergent and rinse aid dispensers
11. Data plate
12. Control Panel***

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Control panel



*** Only in completely built-in models.

* Only available in selected models.

The number and type of wash cycles and options may vary depending on the dishwasher model.

Loading the racks

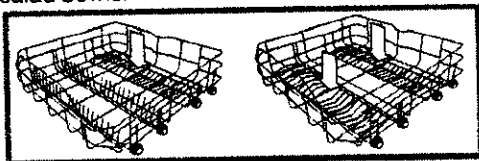
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! Before loading the racks, remove all food residues from the crockery and empty liquids from glasses and cups.
After loading the appliance, check that the sprayer arms can rotate freely.

Lower rack

The lower rack can hold pans, lids, plates, salad bowls, cutlery, etc. as seen in the *Loading examples*. Plates and large covers should be placed at the sides of the rack, ensuring that they do not block the rotation of the upper sprayer arm.

Some dishwasher models are fitted with tip-up sections*, which can be used in a vertical position when arranging plates or in a horizontal position when arranging pans and salad bowls.



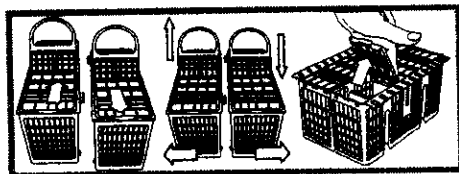
Cutlery basket

The type of cutlery basket may vary according to the dishwasher model: it may be modular, non-modular or a sliding version. The non-modular basket must **only** be positioned at the front of the lower rack.

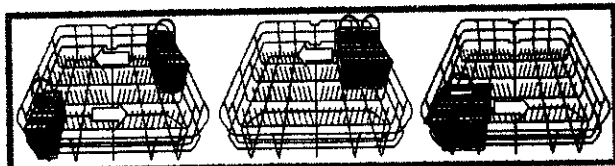
The modular basket may be separated into two parts, a solution which is recommended when performing a half load wash (only in models offering this option), is available in a sliding version (positioned at any point on the lower rack by sliding it between the fixed or tip-up inserts).

- Both versions are fitted with a collapsible sliding system which means the cutlery can be arranged in the best possible way.

! Knives and other utensils with sharp edges must be placed in the cutlery basket with the points facing downwards, or they must be positioned horizontally in the tip-up compartments on the upper rack.



Cutlery basket positioning examples



Upper rack

Load this rack with delicate and lightweight crockery: glasses, tea and coffee cups, saucers, small salad bowls, saucepans and small saucepans which are not too soiled, using the *Loading examples* as a guide.

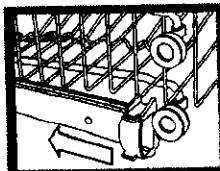
- Mugs and cups: place these on the tip-up compartments**.
- Long sharp knives and serving utensils: place these on the tip-up compartments**.

Adjusting the height of the upper rack

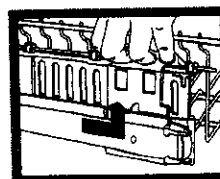
In order to make it easier to arrange the crockery, the upper rack may be moved to a higher or lower level.

The height of the upper rack should ideally be adjusted WHEN THE RACK IS EMPTY.

! Never lift or lower the rack on one side only.

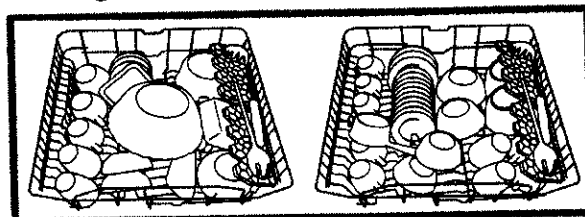


Open the left and right guide rail stops and pull out the rack; position it higher or lower as required, slide it along the guide rails until the front wheels are in place and close the stops (*see figure*).

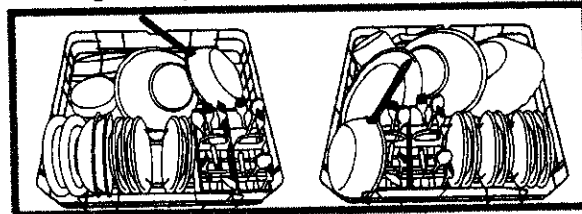


If the rack is fitted with **Dual Space** handles* (*see figure*), pull out the upper rack until it reaches its stop point, grip the handles at the sides of the rack and move it upwards or downwards, then slowly let it fall back into place.

Loading examples for the upper rack



Loading examples for the lower rack



Items which should not be washed in the dishwasher

- Wooden items, objects with wooden or horn handles or glued-on parts.
- Items made from aluminium, copper, brass, pewter or tin.
- Items made from plastic material which is not heat-resistant.
- Antique or hand-painted porcelain.
- Antique silver. Silver which is not antique may, however, be washed in the dishwasher using a delicate wash cycle, provided that it does not come into contact with other metals.

! We recommend the use of crockery which is dishwasher safe.

* Only available in selected models.

** The number and position may vary.

Starting the dishwasher

1. Turn the water tap on.
2. Open the door and press the ON/OFF button; you will hear a short beep and the ON/OFF and wash cycle indicator lights switch on for a few seconds.
3. Measure out the detergent (*see below*).
4. Load the racks (*see chapter entitled Loading the racks*).
5. Select the wash cycle in accordance with the type of crockery and its soil level (*see Table of wash cycles*), by pressing the SELECT WASH CYCLE button; the indicator light corresponding to the selected wash cycle will switch on.
7. Start the wash cycle by shutting the door: after a few seconds have passed, a long beep signals the start of the wash cycle.
8. Two short beeps and one long one indicate the end of the wash cycle and the indicator light corresponding to the wash cycle flashes slowly. Open the door, switch off the appliance by pressing the ON/OFF button, shut off the water tap and unplug the appliance from the electricity socket.
9. Wait for a few minutes before removing the crockery, in order to avoid burns. Unload the racks, beginning with the lower level.

I The order in which the different wash programmes are displayed will change according to the frequency with which each cycle is used.

Modifying a wash cycle in progress

If a mistake was made during the wash cycle selection process it is possible to change the cycle, provided that it has only just begun: open the door, taking care to avoid the escaping steam, and press and hold the ON/OFF button; the machine will switch off with a long beep. Switch the machine back on using the ON/OFF button and select the new wash cycle using the SELECT WASH CYCLE button; start the cycle by closing the door.

Adding extra crockery

Without switching off the machine, open the door, taking care to avoid the escaping steam, and place the crockery inside the dishwasher. Close the door: the cycle starts from the point at which it was interrupted.

Accidental interruptions

If the door is opened during the wash cycle, or if there is a power cut, the cycle stops. It starts again from the point at which it was interrupted once the door has been shut or the electricity supply is restored.

Measuring out the detergent

A good wash result also depends on the correct amount of detergent being used; exceeding the stated amount does not result in a more effective wash and increases environmental pollution.

I Only use detergent which has been specifically designed for dishwashers.

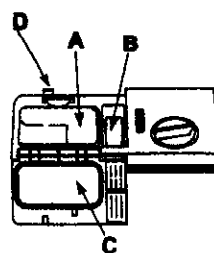
I DO NOT USE washing up liquid.

I Using excessive detergent may result in foam residue remaining in the machine after the cycle has ended.

I The use of tablets is only recommended for models which offer the MULTI-FUNCTIONAL TABLETS option.

I To achieve the best results from each washing and drying cycle, powder detergent, rinse aid liquid and salt should be used.

Compartment A: Washing detergent
Compartment B: Pre-wash detergent



1. Open cover C by pressing button D.

2. Pour in the detergent after consulting the *Table of wash cycles*:

- For powder detergent use compartments A and B.
- For detergent in tablet form: when the cycle requires 1 tablet,

place it in compartment A and close the cover; when it requires 2, place the second tablet at the bottom of the appliance.

3. Remove detergent residues from the edges of the compartment and close the cover until it clicks.







* Only available in selected models.

Wash cycles

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I If the crockery is only lightly soiled or if it has been rinsed with water before being placed in the dishwasher, reduce the amount of detergent used accordingly.

I The number and type of wash cycles and options may vary depending on the dishwasher model.

	Wash cycle	Detergent (A) = compartment A (B) = compartment B			Drying	Wash cycle duration (tolerance $\pm 10\%$) Hrs. Min.
		Powder	Liquid	Tablets		
Extremely soiled dishes and pans (not to be used for delicate items).	 Intensive	30 g (A)	30 ml (A)	1 (A)	Yes	2:15'
Normally soiled pans and dishes. Standard daily wash cycle.	 Normal	25 g (A) 5 g (B)	25 ml (A) 5 ml (B)	1 (A)	Yes	1:45'
Preliminary wash cycle for dishes while the load is awaiting completion with the dishes from the next meal.	 Soak	No	No	No	No	0:08'
Environmentally-friendly wash cycle with low energy consumption levels, suitable for pans and dishes.	 Eco*	25 g (A) 5 g (B)	25 ml (A) 5 ml (B)	1 (A)	Yes	2:20'
Economic and fast wash to be used for lightly soiled dishes. (Run cycle immediately after use) (2 plates + 2 glasses + 4 pieces of cutlery + 1 saucepan + 1 small frying pan).	 Quick	25 g (A)	25 ml (A)	1 (A)	No	0:35'
Economic and fast wash for delicate items which are sensitive to high temperatures. (Run cycle immediately after use) (12 glasses + delicate plates).	 Crystal	30 g (A)	30 ml (A)	1 (A)	Yes	1:30'

Notes:

Optimum performance levels when using the "Quick wash" cycle can be achieved by observing the maximum amounts of crockery specified.

* The Eco wash cycle adheres to the regulation EN-50242. Although it has a longer duration than other wash cycles it uses less energy and is less harmful to the environment.

Note for Test Laboratories: for detailed information relating to comparative EN testing conditions, please send an email to the following address: ASSISTENZA_EN_LVS@indesitcompany.com

To make it easier to measure out the detergent, it is worth remembering that:

1 tablespoon = 15 gr. of powder = approximately 15 ml of liquid - 1 teaspoon = 5 gr. of powder = approximately 5 ml of liquid

! Only use products which have been specifically designed for dishwashers. Do not use table salt or industrial salt, or washing up liquid. Follow the instructions given on the packaging.

! If using a multi-functional product it is not necessary to add rinse aid; however, we recommend that you add salt, especially if you live in an area where the water is hard or very hard. Follow the instructions given on the packaging.

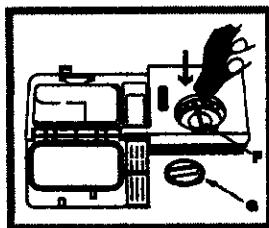
! If you do not add salt or rinse aid, the LOW SALT* and LOW RINSE AID* indicator lights remain lit.

Measuring out the rinse aid

Rinse aid makes it easier for the crockery to dry, as water runs off surfaces more readily and therefore does not leave streaks or marks.

The rinse aid dispenser should be filled:

- When the LOW RINSE AID* indicator light on the control panel is illuminated;



1. Open the dispenser by turning the lid (G) in an anticlockwise direction.
2. Pour in the rinse aid, making sure it does not overflow from the dispenser. If this happens, clean the spill immediately with a dry cloth.
3. Screw the lid back on.

NEVER pour the rinse aid directly into the appliance tub.

Adjusting the amount of rinse aid

If you are not completely satisfied with the drying results, you may adjust the quantity of rinse aid used. Use a screwdriver to turn the dosage adjuster (F) to one of the 6 pre-set positions (the default position is set to 4):

- If there are streaks on the crockery, set the adjustment device to a lower number (1-3).
- If drops of water remain on the crockery or if there are limescale marks present after the cycle has finished, set the adjuster to a higher number (4-6).

Setting the water hardness

Every dishwasher is equipped with a water softener which, by using refined salt designed especially for this type of appliance, supplies water without limescale which is then used to wash the crockery.

This dishwasher offers a setting which helps to reduce pollution and optimises washing performance in accordance with the water hardness level in your area. This information can be obtained from the organisation which supplies your household with water.

- Open the door and switch on the machine by pressing the ON/OFF button.
- Press the P button and hold for approximately 5 seconds; two short beeps will sound and the indicator light corresponding to the set degree of hardness will flash slowly on the control panel (the water softening system is set to

number 3).

E.g. Hardness level 1 (1st cycle indicator light flashing)
Hardness level 2 (1st cycle indicator light ON, 2nd cycle indicator light flashing)

Hardness level 3 (1st and 2nd cycle indicator lights ON, 3rd cycle indicator light flashing etc) up to maximum 5 levels.
- Press the P button repeatedly until the desired hardness level has been reached (1-2-3-4-5* see Water hardness table).

- To exit the function, wait approximately 30 seconds or switch off the machine using the ON/OFF button.

Even if using multi-functional tablets, the salt dispenser should still be filled.

Water Hardness Table						
°dH		°fH		mmol/l		level
0	6	0	10	0	1	1
6	11	11	20	1.1	2	2
17	34	31	60	3.1	6	4
34	50	61	90	6.1	9	5*

For values between 0°f and 10°f, we do not recommend the use of salt.
* this setting may cause a slight increase in the duration of the cycle.

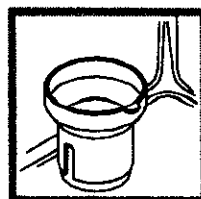
(°dH = hardness measured in German degrees - °f = hardness measured in French degrees - mmol/l = millimoles per litre)

Measuring out the refined salt

In order to achieve the best possible results using a wash cycle, make sure that the dispenser is never empty. Refined salt removes limescale from the water, thus avoiding the formation of deposits on crockery.

The salt dispenser is located in the lower part of the dishwasher (see Description) and should be filled:

- When the green float* cannot be seen by simply looking at the cap of the salt dispenser.
- When the LOW SALT* indicator light on the control panel is illuminated;



1. Remove the lower rack and unscrew the container cap (anticlockwise).
2. The first time you do this: fill the water tank right up to its edge.
3. Position the funnel* (see figure) and fill the salt container right up to its edge (this should hold approximately 1 kg); it is not unusual for a little water to leak out.

4. Remove the funnel* and wipe any salt residue away from the opening; rinse the cap under running water and then screw it on, the head facing downwards so as to let the water flow out of the four cracks which are arranged in a star shape on the lower part of the cap. (Salt cap with green float*)

It is advisable to perform this procedure every time you add salt to the container.

Make sure the cap is screwed on tightly, so that no detergent can get into the container during the wash cycle (this could damage the water softener beyond repair).

! When necessary, measure out the salt before a wash cycle so that any saline solution which has leaked out of the salt dispenser is removed.

* Only available in selected models.

Care and maintenance

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Shutting off the water and electricity supplies

- Turn off the water tap after every wash cycle to avoid leaks.
- Always unplug the appliance when cleaning it and when performing maintenance work.

Cleaning the dishwasher

- The external surfaces of the machine and the control panel may be cleaned using a non-abrasive cloth which has been dampened with water. Do not use solvents or abrasive products.
- Any marks on the inside of the appliance may be removed using a cloth dampened with water and a little vinegar.

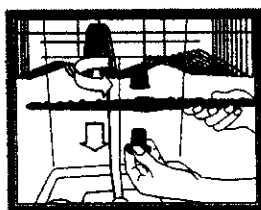
Preventing unpleasant odours

- Always keep the door of the appliance ajar in order to avoid moisture from forming and being trapped inside the machine.
- Clean the seals around the door and detergent dispensers regularly using a damp sponge. This will avoid food becoming trapped in the seals, which is the main cause behind the formation of unpleasant odours.

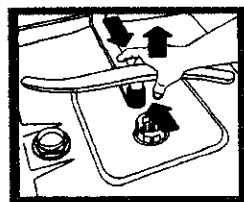
Cleaning the sprayer arms

Food residue may become encrusted onto the sprayer arms and block the holes used to spray the water. It is therefore recommended that the arms are checked from time to time and cleaned with a small non-metallic brush.

The two sprayer arms may both be removed.



To remove the upper sprayer arm, rotate the locking ring in an anti-clockwise direction. The upper sprayer arm should be replaced with the holes facing upwards.



The lower sprayer arm can be removed by pressing on the side tabs and pulling it upwards.

Cleaning the water inlet filter*

If the water hoses are new or have not been used for an extended period of time, let the water run to make sure it is clear and free of impurities before performing the necessary connections. If this precaution is not taken, the water inlet could become blocked and damage the dishwasher.

1 Clean the water inlet filter at the tap outlet regularly.

- Turn off the water tap.
- Unscrew the end of the water inlet hose, remove the filter and clean it carefully under running water.
- Replace the filter and screw the water hose back into position.

Cleaning the filters

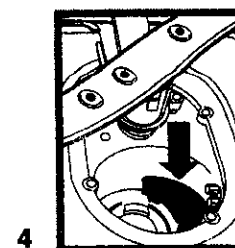
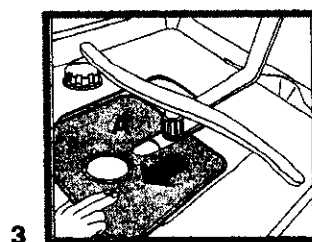
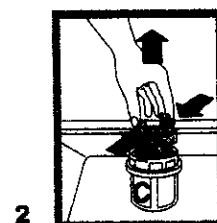
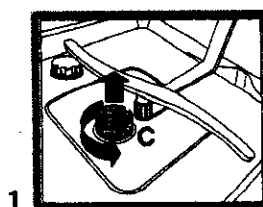
The filter assembly consists of three filters which remove food residues from the washing water and then recirculate the water. They should be cleaned if you wish to achieve the best results in every wash.

1 Clean the filters regularly.

1 The dishwasher should not be used without filters, or if the filter is loose.

• After several washes, check the filter assembly and if necessary clean it thoroughly under running water, using a non-metallic brush and following the instructions below:

1. Turn the cylindrical filter C in an anti-clockwise direction and pull it out (fig. 1).
2. Remove the cup filter B by exerting a slight pressure on the side flaps (fig. 2).
3. Slide out the stainless steel plate filter A (fig. 3).
4. Inspect the trap and remove any food residue. NEVER REMOVE the wash cycle pump (black detail) (fig. 4).



After cleaning the filters, replace the filter assembly and fix it in position correctly; this is essential for maintaining the efficient operation of the dishwasher.

Leaving the machine unused for extended periods

- Disconnect the appliance from the electricity supply and shut off the water tap.
- Leave the door of the appliance ajar.
- When you return, run a wash cycle when the dishwasher is empty.

* Only available in selected models.

I This appliance was designed and manufactured in compliance with current international safety standards. The following information has been provided for safety reasons and should therefore be read carefully.

General safety

- The appliance was designed for domestic use inside the home and is not intended for commercial or industrial use.
- The appliance must be used by adults only, to wash domestic crockery in accordance with the instructions in this manual.
- The appliance must not be installed outdoors, even in covered areas. It is extremely dangerous to leave the machine exposed to rain and storms.
- Do not touch the appliance when barefoot.
- When unplugging the appliance always pull the plug from the mains socket, do not pull on the cable.
- The water supply tap must be shut off and the plug should be removed from the electrical socket before cleaning the appliance or carrying out any maintenance work.
- If the appliance breaks down, do not under any circumstances touch the internal parts in an attempt to perform the repair work yourself.
- Never touch the heating element.
- Do not lean or sit on the open door of the appliance: this may cause the appliance to overturn.
- The door should not be left open as it may create a dangerous obstacle.
- Keep detergent and rinse aid out of reach of children.
- The packaging material should not be used as a toy.

Disposal

- Disposal of packaging materials: observe local legislation so that the packaging may be reused.
- The European Directive 2002/96/EC relating to Waste Electrical and Electronic Equipment (WEEE) states that household appliances should not be disposed of using the normal solid urban waste cycle. Exhausted appliances should be collected separately in order to optimise the cost of re-using and recycling the materials inside the machine, while preventing potential damage to the atmosphere and to public health. The crossed-out dustbin is marked on all products to remind the owner of their obligations regarding separated waste collection.

For further information relating to the correct disposal of household appliances, owners may contact the relevant public authority or the local appliance dealer.

Saving energy and respecting the environment

Saving water and energy

- Only begin a wash cycle when the dishwasher is full. While waiting for the dishwasher to be filled, prevent unpleasant odours using the Soak cycle (*see Wash cycles*).
- Select a wash cycle which is suited to the type of crockery and to the soil level of the crockery using the *Table of wash cycles*:
 - For dishes with a normal soil level, use the Eco wash cycle, which guarantees low energy and water consumption levels.
 - If the load is smaller than usual activate the Half load option* (*see Start-up and use*).
- If your electricity supply contract gives details of electricity saving time bands, run wash cycles during the periods when a lower tariff is applied. The Delayed start* button (*see Start-up and use*) helps you organise the wash cycles accordingly.

Phosphate-free and chlorine-free detergents containing enzymes

- We strongly recommend that you use detergents that do not contain phosphates or chlorine, as these products are harmful to the environment.
- Enzymes provide a particularly effective action at temperatures around 50°C, and as a result detergents containing enzymes can be used in conjunction with low-temperature wash cycles in order to achieve the same results as a normal 65°C wash cycle.
- To avoid wasting detergent, use the product in appropriate quantities based on the manufacturer's recommendations, the hardness of the water and the soil level and quantity of crockery to be washed. Even if they are biodegradable, detergents contain substances which may alter the balance of nature.

* Only available in selected models.

Troubleshooting

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Whenever the appliance fails to work, check for a solution from the following list before calling for Assistance.

Malfunction:	Possible causes / Solutions:
The dishwasher does not start.	<ul style="list-style-type: none"> The plug has not been inserted into the electrical socket properly, or there is no power in the house. The dishwasher door has not been shut properly. A delayed start has been programmed (<i>see Start-up and use</i>).
No water drains out from the dishwasher.	<ul style="list-style-type: none"> The dishwasher cycle has not yet finished. The water outlet hose is bent (<i>see Installation</i>). The drain duct is blocked. The filter is clogged up with food residues.
The dishwasher makes excessive noise.	<ul style="list-style-type: none"> The dishes are rattling against each other or against the sprayer arms. An excessive amount of foam has been produced: the detergent has not been measured out correctly or it is not suitable for use in dishwashers (<i>see Start-up and use</i>).
The dishes and glasses are covered in a white film or limescale deposits.	<ul style="list-style-type: none"> The level of the refined salt is low or the dosage setting is not suited to the hardness of the water (<i>see Rinse aid and salt</i>). The lid on the salt dispenser is not closed properly. The rinse aid has been used up or the dosage is too low. The crockery is made from non-stick material.
The dishes and glasses are streaked or have a bluish tinge.	<ul style="list-style-type: none"> The rinse aid dosage is too high.
The crockery has not been dried properly.	<ul style="list-style-type: none"> The rinse aid has been used up or the dosage is too low (<i>see Rinse aid and salt</i>). The rinse aid dispenser setting is not high enough. A wash cycle without a drying programme has been selected.
The dishes are not clean.	<ul style="list-style-type: none"> The racks are overloaded (<i>see Loading the racks</i>). The crockery has not been arranged well. The sprayer arms cannot move freely. The wash cycle is too gentle (<i>see Wash cycles</i>). An excessive amount of foam has been produced: the detergent has not been measured out correctly or it is not suitable for use in dishwashers (<i>see Start-up and use</i>). The lid on the rinse aid compartment has not been shut correctly. The filter is dirty or blocked (<i>see Care and maintenance</i>). The refined salt level is low (<i>see Rinse aid and salt</i>).
<p>No water enters the dishwasher/Shut off tap alarm. (several short beeps are emitted)</p> <p>(the 2 (Normal) and 3 (Soak) WASH CYCLES indicator lights flash).</p>	<ul style="list-style-type: none"> There is no water in the mains supply. The water inlet hose is bent (<i>see Installation</i>). Turn on the tap and the appliance will start after a few minutes. The appliance lock has been activated because no action was taken when the beeps sounded. Switch off the machine, using the ON/OFF button, turn on the tap and switch the machine back on after 20 seconds by pressing the same button. Re-programme the machine and restart the wash cycle.
<p>Water loading solenoid valve malfunction alarm (the 2 (Normal) WASH CYCLE indicator lights flash).</p>	<ul style="list-style-type: none"> Switch off the machine by pressing the ON/OFF button and switch it back on after a minute. If the alarm continues, turn off the water tap to reduce the risk of flooding, remove the plug from the electrical socket and call Assistance.
<p>Water Inlet hose alarm/Water inlet filter blocked. (the 1 (Intensive), the 2 (Normal) and the 3 (Soak) WASH CYCLES indicator lights flash).</p>	<ul style="list-style-type: none"> Switch off the appliance by pressing the ON/OFF button. Shut off the water tap to eliminate the risk of flooding and remove the plug from the electrical socket. Make sure the water inlet filter has not become blocked by various impurities. (<i>see "Care and maintenance" chapter</i>).