

**EN** English

## Operating instructions

### **DISHWASHER - Contents**

Operating instructions, 1  
Important Safety Instructions, 2-3  
Assistance, 4  
Product Data, 5  
Installation, 6-7  
Electrical Connection, 8  
Description of the appliance, 9  
Refined salt and rinse aid, 10  
Loading the racks, 11-12  
Detergent and dishwasher use, 13  
Wash cycles, 14  
Care and maintenance, 15  
Troubleshooting, 16



## LEGEND OF SYMBOLS

 Warning/ 
  Grounding/ 
  Electrical Hazard/ 
  Waste/ 
  Safeguarding the environment/ 
  Recycling/ 
  Use gloves

### IMPORTANT SAFETY INSTRUCTIONS

**⚠** Read the instructions carefully before using, as they include important information on safe installation, use and maintenance. Keep this instruction manual in a safe place for future reference. If the appliance is sold, given away or moved, make sure the manual is kept with the machine.

Remove the appliance from all packaging and make sure it was not damaged during transportation, if it was damaged contact the retailer and do not proceed any further with the installation process.

**⚠ When using your dishwasher, follow the precautions listed below:**


- The appliance must be used to wash domestic crockery in accordance with the instructions in this manual.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- 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 store flammable materials in close proximity to the appliance.
- The water in the appliance is not potable.
- Do not use solvents inside the appliance: risk of explosion!
- The door should not be left in the open position since this could present a tripping hazard.
- Do not rest objects on the open door or sit or stand on it since the appliance could trip forward.
- The open appliance door can only support the weight of the loaded rack when pulled out.
- The water supply tap must be shut off

and the plug should be removed from the electrical socket at the end of every cycle and before cleaning the appliance for carrying out any maintenance work also disconnect in the event of any malfunction.



- Repairs and technical modifications must be carried out exclusively by a qualified technician.
- When unplugging the appliance always pull the plug from the mains socket. Do not pull on the cable.
-  In order to avoid laceration hazard, usage of special gloves is needed during the assembling of the appliance.
- During use, the access to the rear wall should be limited in a sustainable manner such as approaching the device to the wall or furniture board.
- Keep packaging materials out of the reach of Children, packaging materials should not be used as a toy.
- Children must not be allowed to play with the appliance.
- Store the detergent, rinse aid and salt out of the reach of children.
- Appliance is dedicated only for household use.
- Appliance can not be operated until installation process is complete.

### GROUNDING INSTRUCTIONS

- This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of an electric shock by providing a path of least resistance of electric current. This appliance is equipped with a cord having an equipment-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.
- Extension cord, adapters and conversion plugs must not be used to connect the appliance to the outlet.

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

### PROPER USE



- Access to disconnection of the appliance (main plug) shall be ensured after installation.
- When loading items to be washed:
  - 1 - Locate sharp items so that they are not likely to damage the door seal;
  - 2 - **WARNING:** Knives and other utensils with sharp points must be loaded in the cutlery basket with their points/blades down or placed in a horizontal position with the sharp end facing away from the front of the appliance.
- Use only detergent and rinse additives designed for an automatic dishwasher.
- **WARNING:** Some dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed. Avoid contact with the skin and eyes and keep children away from the dishwasher when the door is open. Check that the detergent receptacle is empty after completion of the wash cycle.
-  • If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- During installation, the power supply must not be excessively or dangerously bent or flattened. Do not tamper with controls.
-  • To dispose of any packaging materials, follow local legislation so that the packaging may be reused.
- Use the dishwasher only for its intended function.
- The appliance is to be connected to the water mains using new hose sets. The old hose-sets should not be reused.
- The maximum number of place settings is shown in the product sheet.



### SAFEGUARDING THE ENVIRONMENT

- This appliance has been made of recyclable or re-usable material. Scrapping must be carried out in compliance with local waste disposal regulations. Before scrapping it, make sure to cut off the mains cord so that the appliance cannot be re-used.
- For more detailed information on handling and recycling of this product, contact your local authorities who deal with the separate collection of rubbish or the shop where you bought the appliance.

### SCRAPPING OF PACKAGING

- The packaging can be 100% recycled as confirmed by the recycling symbol . The various parts of the packaging must not be dispersed in the environment, but must be scrapped in line with local authority regulations.
-  • The European Directive 2012/19/EU 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 reusing and recycling the materials inside the machine, while preventing potential damage to the atmosphere and public health. The crossed-out dustbin symbol shown on all products reminds the owners 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.

# Assistance

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## **Before contacting Assistance:**

- Check whether the problem can be resolved using the Troubleshooting guide (*see Troubleshooting*).
- Restart the programme to check whether the problem has ceased to exist.
- If the problem persists, contact the Authorised Technical Assistance Service.



**Never use the services of unauthorised technicians.**

## **Please have the following information to hand:**

- The type of malfunction.
- The appliance model (Mod.).
- The serial number (S/N).

This information can be found on the appliance data plate (*see Description of the appliance*).

## EN Product Data (product fiche)

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Product Fiche	
Brand	WHIRLPOOL
Model	ADG 211
Rated capacity in standard place settings (1)	10
Energy efficiency class on a scale from A+++ (low consumption) to D (high consumption)	A+
Energy consumption per year in kWh (2)	237
Energy consumption of the standard cleaning cycle in kWh	0.83
Power consumption of the off-mode in W	0.5
Power consumption of the left-on mode in W	5.0
Water consumption per year in litres (3)	2800
Drying efficacy class on a scale from G (low efficacy) to A (high efficacy)	A
Programme time for standard cleaning cycle in minutes	180
The duration of the left-on mode in minutes	12
Noise in dB(A) Re 1pW	51
Built-in model	Yes
NOTES	
1) The information on the label and fiche relates to the standard cleaning cycle, this programme is suitable to clean normally soiled tableware and it is the most efficient programme in terms of combined energy and water consumption. The standard cleaning cycle corresponds to the Eco cycle.	
2) Based on 280 standard cleaning cycles using cold water fill and the consumption of the low power modes. Actual energy consumption depends on how the appliance is used.	
3) Based on 280 standard cleaning cycles. Actual water consumption depends on how the appliance is used.	

# Installation

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⚠ If the appliance must be moved at any time, keep it in an upright position; if absolutely necessary, it may be tilted onto its back.

## Connecting the water supply

⚠ Adaptation of the water supply for installation should only be performed by a qualified technician.

The water inlet and outlet hoses may be positioned towards the right or the left in order to achieve the best possible installation.

Make sure the dishwasher does not bend or squash the hoses.

## Connecting the water inlet hose

- To a 3/4" gas cold or hot water connection point (max. 60°C).
- Run the water until it is perfectly clear.
- Screw the inlet hose tightly into position and turn off the tap.

⚠ If the inlet hose is not long enough, contact a specialist store or an authorised technician (*see Assistance*).

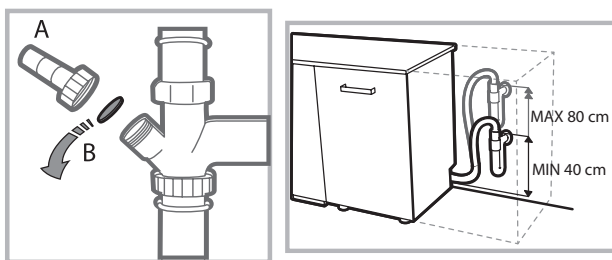
⚠ The water pressure must be within the values indicated in the Technical Data table - otherwise the dishwasher may be function properly.

⚠ Make sure the hose is not bent or compressed.

## Connecting the water outlet hose

Connect the outlet hose to a drain duct with a minimum diameter of 2 cm. (A)

The outlet hose connection must be at a height ranging from 40 to 80 cm from the floor or surface where the dishwasher rests.



Before connecting the water outlet hose to the sink drain, remove the plastic plug (B).

## Anti-flooding protection

To ensure floods do not occur, the dishwasher:

- is provided with a special system which blocks the water supply in the event of anomalies or leaks from inside the appliance.




**WARNING: HAZARDOUS VOLTAGE!**

Under no circumstances should the water inlet hose be cut as it contains live electrical parts.

## Electrical connection

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

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

⚠ The cable should not be bent or compressed.

⚠ If the power supply cable is damaged, have it replaced by the manufacturer or its authorised Technical Assistance Service in order to prevent all potential hazards. (*See Assistance*)

⚠ The Company shall not be held responsible for any incidents, if these regulations are not observed.

## Positioning and levelling

1. Position the dishwasher on a level sturdy floor. If the floor is uneven, the front feet of the appliance may be adjusted until it reaches a horizontal position. If the appliance is levelled correctly, it will be more stable and much less likely to move or cause vibrations and noise while it is operating.

2. Before recessing the dishwasher, stick the adhesive transparent strip under the wooden shelf in order to protect it from any condensation which may form.

3. Place the dishwasher so that its sides or back panel are in contact with the adjacent cabinets or the wall. This appliance can also be recessed under a single worktop (*see the Assembly instruction sheet*).

4. To adjust the height of the rear foot, turn the red hexagonal bushing on the lower central part at the front of the dishwasher using a hexagonal spanner with an opening of 8 mm. Turn the spanner in a clockwise direction to increase the height and in an anticlockwise direction to decrease it. (*see Building-in instruction sheet attached to the documentation*)

### Advice regarding the first wash cycle

After the installation, remove the stoppers from the racks and the retaining elastic elements from the upper rack *(if any)*.

### Water softener settings


Before starting the first wash cycle, set the hardness level of the water from the mains supply. *(see chapter Rinse aid and refined salt)*.

First load the softener tank with water, then introduce about 1 kg of salt. It is perfectly normal for water to flow out.

As soon as this procedure is complete, run a wash cycle.



Only use salt that has been specifically designed for dishwashers.

After the salt has been poured into the machine, the LOW SALT indicator light switches off.

 If the salt container is not filled, the water softener and the heating element may be damaged as a result.

The machine has a buzzer/set of tones to inform the user that a command has been implemented: power on, cycle end etc.

The symbols/indicator lights/LEDs on the control panel/display may vary in colour and may have a flashing or fixed light.

Technical data	
Dimensions	width 44,5 cm height 82 cm depth 55 cm
Capacity	10 standard place-settings
Water supply pressure	0,05 ÷ 1MPa (0.5 ÷ 10 bar) 7,25 psi – 145 psi
Power supply voltage	See appliance data plate
Total absorbed power	See appliance data plate
Fuse	See appliance data plate
  	This dishwasher conforms to the following European Community Directives: -2006/95/EC (Low Voltage) -2004/108/EC (Electromagnetic Compatibility) -2009/125/EC (Comm. Reg. 1016/2010) (Ecodesign) -97/17/EC (Labelling) -2012/19/CE Waste Electrical and Electronic Equipment (WEEE)



# Electrical Connection

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## Electrical Connection

If your appliance is supplied with a 13 amp. fused plug it can be plugged into a 13 amp socket for immediate use. Before using the appliance please read the instruction below.

**⚠ WARNING: THIS APPLIANCE MUST BE EARTHED. THE FOLLOWING OPERATIONS SHOULD BE CARRIED OUT BY A QUALIFIED ELECTRICIAN.**

### Replacing the fuse:

When replacing a faulty fuse, a 13 amp ASTA approved fuse to BS 1362 should always be used, and the fuse cover re-fitted. If the fuse cover is lost, the plug must not be used until a replacement is obtained.

### Replacement fuse covers:

If a replacement fuse cover is fitted, it must be of the correct colours as indicated by the coloured marking or the colour that is embossed in words on the base of the plug. Replacements can be obtained directly from your nearest Service Depot.

### Removing the plug:

If your appliance has a non-rewireable moulded plug and you should wish to remove it to re-route the mains cable through partitions, units etc., please ensure that either:

- the plug is replaced by a fused 13 amp re-wireable plug bearing the BSI mark of approval
- or:
- the mains cable is wired directly into a 13 amp cable outlet, controlled by a switch, (in compliance with BS 5733) which is accessible without moving the appliance.

### Disposing of the plug:

Ensure that before disposing of the plug itself, you make the pins unusable so that it cannot be accidentally inserted into a socket.

### Instruction for connecting cable to an alternative plug:

Important: the wires in the mains lead are coloured in accordance with the following code:

Green & Yellow	- Earth
Blue	- Neutral
Brown	- Live

### ⚠ CAUTION:

- Once the appliance has been installed, the electrical plug and socket should remain accessible.

⚠ - The Company shall not be held responsible for any incidents that occur if these regulations are not observed.

As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminal in your plug, proceed as follows:

connect Green & Yellow wire to terminal marked “E” or coloured Green or Green & Yellow.

Connect Brown wire to terminal marked “L” or coloured Red.

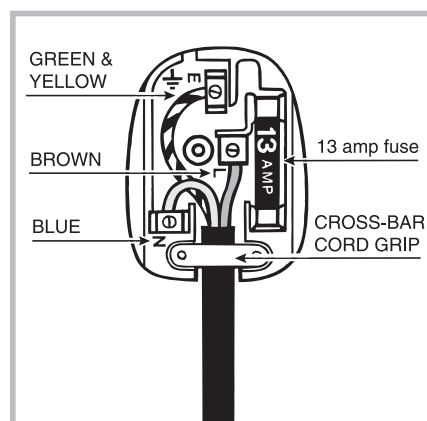
Connect Blue wire to terminal marked “N” or coloured Black.

If a 13 amp plug (BS 1363) is used it must be fitted with a 13 amp fuse. A 15 amp plug must be protected by a 15 amp fuse, either in the plug or adaptor or at the distribution board. If you are in any doubt about the electrical supply to your machine, consult a qualified electrician before use.

### How to connect an alternative plug:

The wires in this mains lead are coloured in accordance with the following code:

BLUE	“NEUTRAL” (“N”)
BROWN	“LIVE” (“L”)
GREEN AND YELLOW	“EARTH” (“E”) or 



### Disposing of the appliance:

When disposing of the appliance please remove the plug by cutting the mains cable as close as possible to the plug body and dispose of it as described above.

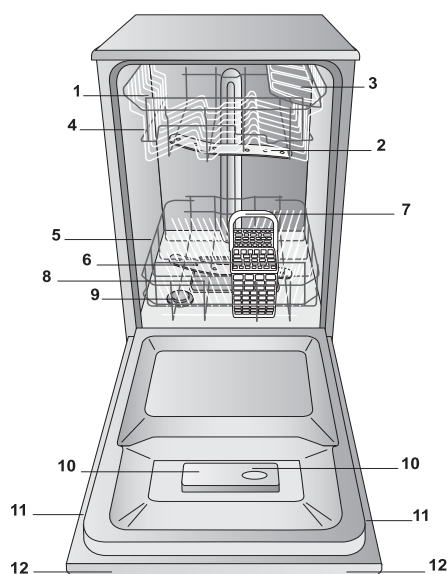


# Description of the appliance



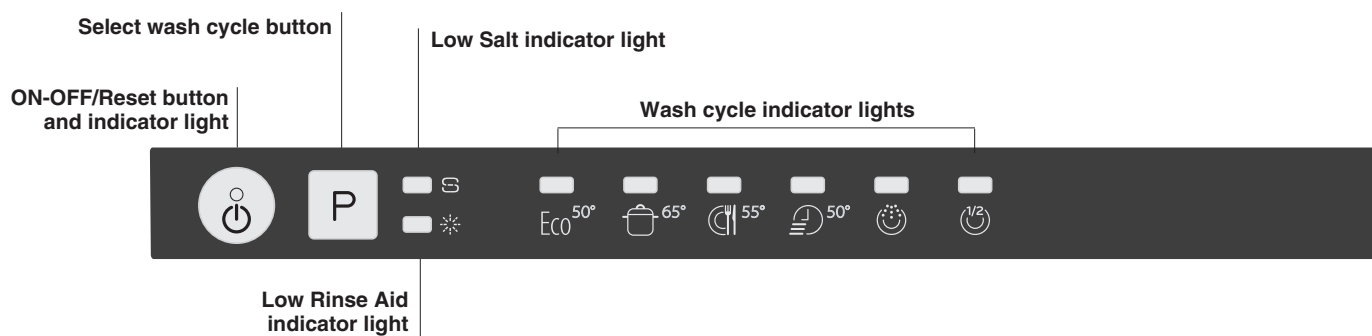
## Overall view

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

## Control panel



# Refined Salt and Rinse Aid

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**⚠ Only use products which have been specifically designed for dishwashers. Do not use table salt or industrial salt. (Follow the instructions given on the packaging.)**

**⚠ If you are using a multi-function product, we recommend that you add salt in any case, especially if 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 will remain lit.**

## Measuring out the refined salt

The use of salt prevents the formation of LIMESCALE on the dishes and on the machine's functional components.

- It is important that the salt dispenser be never empty.
- It is important to set the water hardness.

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

- When the LOW RINSE AID indicator light in the control panel is lit ;
- See autonomy in the water hardness table.



1. Remove the lower rack and unscrew the container cap (anticlockwise).
2. Only the first time you do this: fill the water dispenser up to the edge.
3. Position the funnel (see figure) and fill the salt container right up to its edge (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. 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).

**⚠ Whenever you need to add salt, we recommend carrying out the procedure before the washing cycle is started.**

## Setting the water hardness

For perfect water softener operation, it is essential that the adjustment be based on the water hardness in your house. Ask your local water supplier for this information. The factory setting is for medium water hardness.

- Switch the dishwasher on using the On/Off button.
- Switch it off using the On/Off button
- Hold down button **P** for 5 seconds until you hear a beep.
- Switch it on using the On/Off button
- The current selection level number and salt indicator light flash (flashing indicator only).
- Press button **P** to select the desired hardness level (see *hardness table*).
- Switch it off using the On/Off button
- Setting is complete!

Water Hardness Table				Average autonomy salt dispenser with 1 wash cycle per day
level	°dH	°fH	mmol/l	months
1	0 - 6	0 - 10	0 - 1	7 months
2	6 - 11	11 - 20	1.1 - 2	5 months
3	12 - 17	21 - 30	2.1 - 3	3 months
4	17 - 34	31 - 60	3.1 - 6	2 months
5	34 - 50	61 - 90	6.1 - 9	2/3 weeks

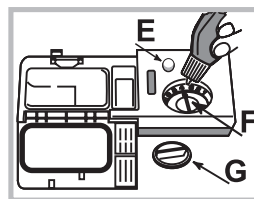
For values between 0°f and 10°f, we do not recommend the use of salt. A setting of 5 may increase cycle duration.

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

## Measuring out the rinse aid

Rinse aid makes dish DRYING easier. The rinse aid dispenser should be filled:

- When the LOW RINSE AID indicator light on the panel/display is lit;
- When the dark optical indicator on the dispenser door "E" becomes transparent.



1. Open the dispenser by turning the cap "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 cap back on.

**NEVER pour the rinse aid directly into the tub.**

## Adjusting the amount of rinse aid

If you are not completely satisfied with the drying results, you can adjust the quantity of rinse aid used. Turn the adjuster "F". A maximum of 4 levels can be set according to the dishwasher model. The factory setting is for a medium level.

- If you see bluish streaks on the dishes, set a low number (1-2).
- If there are drops of water or limescale marks on the dishes, set a high number (3-4).

# Loading the racks



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## Tips

Before loading the racks, remove all food residues from the crockery and empty liquids from glasses and containers. **No preventive rinsing is needed under running water.**

Arrange the crockery so that it is held in place firmly and does not tip over; and arrange the containers with the openings facing downwards and the concave/convex parts placed obliquely, thus allowing the water to reach every surface and flow freely. Make sure that the lids, handles, trays and frying pans do not prevent the spray arms from rotating. Place any small items in the cutlery basket.

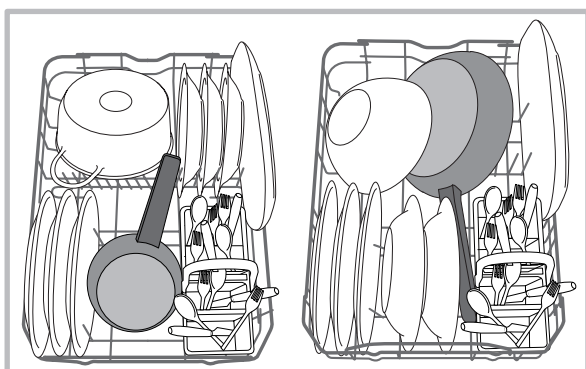
Since plastic dishes and non-stick frying pans usually retain more water drops, their drying will be not so good as that of ceramic or stainless-steel dishes.

Lightweight items such as plastic containers should be placed in the upper rack and arranged so that they cannot move.

After loading the appliance, make sure that the spray arms can rotate freely.

## Lower rack

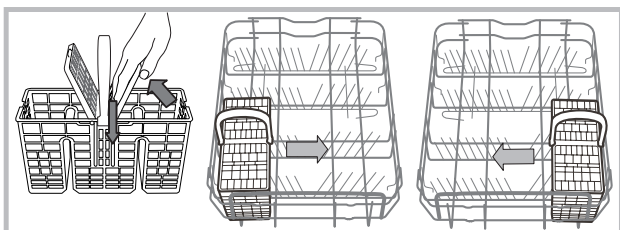
The lower rack can hold pans, lids, dishes, salad bowls, cutlery etc. Large plates and lids should ideally be placed at the sides.



Very soiled dishes and pans should be placed in the lower rack because in this sector the water sprays are stronger and allow a higher washing performance.

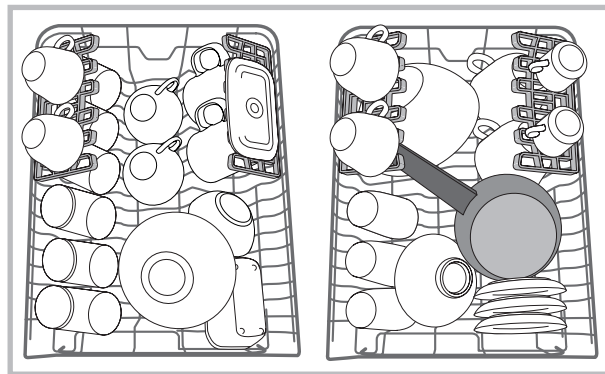
## Cutlery basket

The basket is equipped with top grilles for improved cutlery arrangement. The cutlery basket should be positioned **only** at the front of the lower rack.



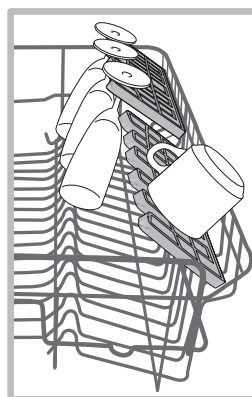
## Upper rack

Load this rack with delicate and lightweight crockery such as glasses, cups, saucers and shallow salad bowls.



## Adjustable position tip-up compartments

The side tip-up compartments can be positioned at three different heights to optimize the arrangement of the crockery inside the rack.



Wine glasses can be placed safely in the tip-up compartments by inserting the stem of each glass into the corresponding slot.

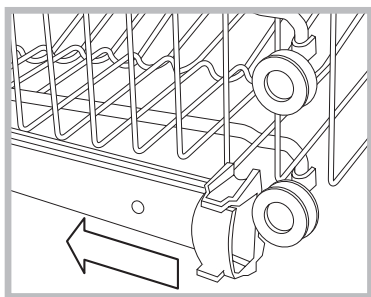
For optimum drying results incline the tip-up compartments more. To change the inclination, pull up the tip-up compartment, slide it slightly and position it as you wish.

### Adjusting the height of the upper rack

The height of the upper rack can be adjusted: high position to place bulky crockery in the lower rack and low position to make the most of the tip-up compartments by creating more space upwards.

**It is strongly recommended to never adjust height position when the rack is loaded.**

**NEVER raise 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*).

### Unsuitable crockery

- Wooden crockery and cutlery.
- Delicate decorated glasses, artistic handicraft and antique crockery. Their decorations are not resistant.
- Parts in synthetic material which do not withstand high temperatures.
- Copper and tin crockery.
- Crockery soiled with ash, wax, lubricating grease or ink.

The colours of glass decorations and aluminium/silver pieces can change and fade during the washing process. Some types of glass (e.g. crystal objects) can become opaque after a number of wash cycles too.

### Damage to glass and crockery

Caused by:

- Type of glass and glass production process.
- Chemical composition of detergent.
- Water temperature of rinse cycle.

Tips:

- Only use glasses and porcelain guaranteed by the manufacturer as dishwasher safe.
- Use a delicate detergent suitable for crockery.
- Collect glasses and cutlery from the dishwasher as soon as the wash cycle is over.

# Detergent and dishwasher use



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## Measuring out the detergent

Good washing results also depend on the correct amount of detergent being used. Exceeding the stated amount does not result in a more effective wash and increases environmental pollution.

The amount can be adjusted to the soil level.

In the case of normally soiled items, use approximately either 25g (powder detergent) or 25ml (liquid detergent). If tablets are used, one tablet will be enough.

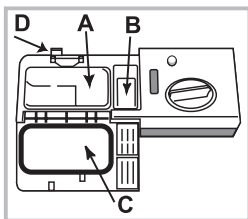
If the crockery is only lightly soiled or if it has been rinsed with water before being placed in the dishwasher, reduce the amount of detergent used accordingly.

For good washing results also follow the instructions shown on the detergent box.

For further questions please ask the detergent producers.

Open the detergent dispenser using button **D** and measure out the detergent according to the Table of wash cycles:

- powder or liquid: compartments **A** (wash detergent) and **B** (pre-wash detergent)



- tablets: when the cycle requires 1 tablet, place it in compartment **A** and close cover **C**; when it requires 2 tablets, place the second tablet on the bottom of the appliance.

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

The detergent dispenser

automatically opens up at the right time according to the wash cycle.

If all-in-one detergents are used, we recommend using the TABS option, because it adjusts the cycle so that the best washing and drying results are always achieved.

**⚠ Only use detergent which has been specifically designed for dishwashers.**

**DO NOT USE** washing up liquid.

**Using excessive detergent may result in foam residues remaining in the machine after the cycle has ended.**

**To achieve the best washing and drying results, the combined use of detergent, rinse aid liquid and refined salt is required.**



We recommend using detergents that do not contain phosphates or chlorine, as these products are harmful to the environment.

## Starting the dishwasher

1. Open the door and press the ON/OFF button.
2. Measure out the detergent. (*see detergent*).
3. Load the racks (*see Loading the racks*).
4. Select the wash cycle in accordance with the type of crockery and its soil level (*see Table of wash cycles*) by pressing the **P** button.
5. Start the wash cycle by shutting the door.
6. The end of the wash cycle is indicated by beeps and by the flashing of the indicator light of the selected wash cycle. Open the door, switch off the appliance by pressing the ON/OFF button.
7. Wait a few minutes before removing the crockery in order to avoid burns. Unload the racks, beginning with the lower level.

**⚠ The machine will switch off automatically during long periods of inactivity in order to minimise electricity consumption.**

**⚠** 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.

## Changing a wash cycle in progress

If a mistake was made in 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. Switch the machine back on using the ON/OFF button and select the new wash cycle and any options desired; 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 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 restored.

# Wash cycles

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Wash-cycle data is measured under laboratory conditions according to European Standard EN 50242.

**Based on the different conditions of use, the wash-cycle duration and data can change.**

Wash cycle	Wash cycle which include drying	Options	Approximate duration of wash cycles h:min.	Water consumption (l/cycle)	Energy consumption (kWh/cycle)
1. Eco	Yes	No	03:00	10	0,83
2. Intensive  65°	Yes	No	02:30	14	1,3
3. Normal  55°	No	No	02:00	13,5	1,1
4. Rapid  50°	No	No	00:40	9	0,8
5. PreWash 	No	No	00:10	4,0	0,01
6. Half Load 	Yes	No	01:20	10,5	0,95

## Instructions on wash cycle selection and detergent dosage

**1.** Normally soiled crockery. Standard program, the most efficient in terms of its combined energy and water consumption.

4 gr/ml\*\* + 21 gr/ml – 1 Tab (\*\*Quantity of pre-washing detergent)

**2.** Recommended program for heavily soiled crockery, specially suitable for pans and saucepans (not to be used for delicate items). 25 gr/ml – 1 Tab

**3.** Normally soiled crockery. 4 gr/ml\*\* + 21 gr/ml – 1 Tab

**4.** Lightly soiled crockery, with no dried-on food. (Ideal for 2 place settings) 21 gr/ml – 1 Tab

**5.** Crockery to be washed later. No detergent

**6.** Ideal cycle for a reduced load of normally soiled dishes. 21 gr/ml – 1 Tab

Standby consumption: Left-on mode consumption: 5 W - Off mode consumption: 0.5 W

## Notes:

Optimum performance levels when using the “Rapid 40” cycle can be achieved by respecting the specified number of place settings.

To reduce consumption, only run the dishwasher when it is full.

**Note for Test Laboratories:** for information on comparative EN testing conditions, please send an email to the following address: [contact@whirlpool.com](mailto:contact@whirlpool.com)

## 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 can 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.

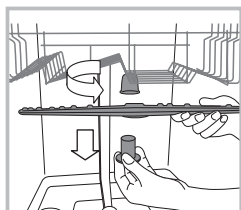
## Preventing unpleasant odours

- 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.

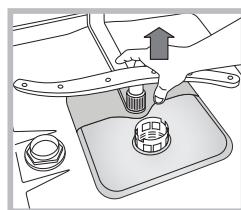
## Cleaning the spray arms

Food residue may become encrusted onto the spray arms and block the holes used to spray the water. It is therefore recommended that you check the arms from time to time and clean them with a small non-metallic brush.

The two spray arms may both be removed.



To remove the upper spray arm, turn the plastic locking ring in an anti-clockwise direction. The upper spray arm should be replaced so that the side with the greater number of holes is facing upwards.



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

## Cleaning the water inlet hose

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.

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.
- Re-place the filter and screw the water hose back into position.

## Cleaning the filters

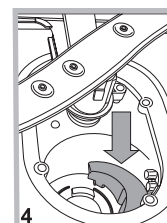
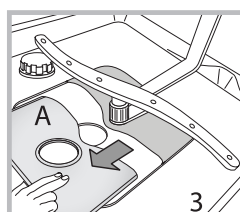
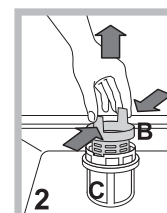
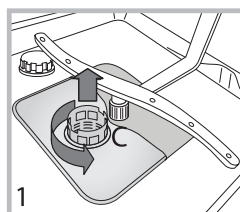
The filter assembly consists of three filters which remove food residues from the washing water and then recirculate the water. They must be cleaned if you wish to achieve the best results in every wash.

Clean the filters regularly.

The dishwasher must 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 residues. **NEVER REMOVE** the wash-cycle pump protection (*black detail*) (*fig. 4*).



After cleaning the filters, re-place 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.





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

Problem:	Possible causes / Solutions:
<b>The dishwasher does not start or cannot be controlled.</b>	<ul style="list-style-type: none"> <li>• The water supply tap is not turned on.</li> <li>• Switch off the appliance by pressing the ON/OFF button, switch it back on after approximately one minute and reset the wash cycle.</li> <li>• The appliance has not been plugged in properly or another electricity socket should be used.</li> <li>• The dishwasher door has not been closed properly.</li> </ul>
<b>The door won't close.</b>	<ul style="list-style-type: none"> <li>• Make sure that the racks were inserted all the way.</li> <li>• The lock was released. Strongly push the door until a "clacking" noise is heard.</li> </ul>
<b>No water drain out of the dishwasher.</b>	<ul style="list-style-type: none"> <li>• The wash cycle has not finished yet.</li> <li>• The water drain hose is bent (<i>see Installation</i>).</li> <li>• The drain duct is clogged up.</li> <li>• The filter is clogged up with food residues.</li> <li>• Check the height of the drain hose.</li> </ul>
<b>The dishwasher makes excessive noise.</b>	<ul style="list-style-type: none"> <li>• The dishes are rattling against each other or against the spray arms. Place the dishes properly and make sure the spray arms can rotate freely.</li> <li>• Too much foam: the detergent has not been measured out correctly or it is not suitable for use in dishwashers. (<i>See Detergent and dishwasher use.</i>) Do not prewash the dishes by hand.</li> </ul>
<b>The dishes and glasses are covered in a white film or limescale deposits.</b>	<ul style="list-style-type: none"> <li>• No refined salt.</li> <li>• Water hardness adjustment is not suitable: increase the relevant values. (<i>See Refined Salt and Rinse Aid.</i>)</li> <li>• The salt and rinse-aid dispenser cap has not been closed properly.</li> <li>• The rinse aid has been used up or the dosage is too low.</li> </ul>
<b>The dishes and glasses are streaked or have a bluish tinge.</b>	<ul style="list-style-type: none"> <li>• The rinse aid dosage is too high.</li> </ul>
<b>The crockery has not been dried properly.</b>	<ul style="list-style-type: none"> <li>• A wash cycle without a drying programme has been selected.</li> <li>• The rinse aid has been used up. (<i>See Refined Salt and Rinse Aid.</i>)</li> <li>• The rinse aid dispenser setting is not suitable.</li> <li>• The crockery is made from non-stick material or plastic; the presence of water drops is normal.</li> </ul>
<b>The dishes are not clean.</b>	<ul style="list-style-type: none"> <li>• The crockery has not been arranged properly.</li> <li>• The spray arms cannot rotate freely, being hindered by the dishes.</li> <li>• The wash cycle is too gentle (<i>see Wash Cycles</i>).</li> <li>• Too much foam: the detergent has not been measured out correctly or it is not suitable for use in dishwashers. (<i>See Detergent and dishwasher use.</i>)</li> <li>• The lid on the rinse aid compartment has not been closed correctly.</li> <li>• The filter is dirty or clogged up (<i>see Care and maintenance.</i>)</li> <li>• The refined salt level is low (<i>See Refined Salt and Rinse Aid.</i>)</li> <li>• Make sure that the height of the dishes is compatible with the rack adjustment.</li> <li>• The holes in the spray arms are clogged up. (<i>See Care and maintenance.</i>)</li> </ul>
<b>The dishwasher won't load any water.</b>  It is blocked with flashing lights.	<ul style="list-style-type: none"> <li>• There is no water in the mains supply or the tap is shut off.</li> <li>• The water inlet hose is bent (<i>see Installation</i>).</li> <li>• The filters are clogged up: they need cleaning. (<i>See Care and maintenance.</i>)</li> <li>• The drain duct is clogged up: it needs cleaning.</li> <li>• After checking and cleaning, switch the dishwasher on and off and start a new wash cycle.</li> <li>• If the problem persists, turn off the water tap, remove the plug and call the Service Centre.</li> </ul>