

**BEFORE USING THE APPLIANCE FOR THE FIRST TIME CAREFULLY READ THIS QUICK REFERENCE GUIDE AND THE ASSEMBLY INSTRUCTIONS! THE GUARANTEE IS NOT APPLICABLE IF FAULTS ARE CAUSED BY INCORRECT USE OF THE APPLIANCE.**



Table of programmes				Detergent	Consumption		
P	Programmes	Loading instructions	Litres		kWh	Minutes <sup>1)</sup>	
1	Pre-Wash cold	Crockery to be washed later.	—	5.0	0.02	10	
2	Quickwash 40°C	Lightly soiled crockery, with no dried-on food. * Use of tablets not recommended.	X *	13.0	0.70	30	
3	Eco <sup>2)</sup> 50°C	Normally soiled crockery. Energy-saving programme.	X	15.0	1.05	165	
4	Intensive 70°C	Recommended programme for heavily soiled crockery, especially suitable for pots and pans.	X	17.0	1.65	145	

1) Programme data obtained in conformity with European standard EN 50242, obtained under normal conditions (without additional options) and may vary depending on conditions. Differences of up to 20 minutes are possible with sensor programmes as a result of the appliance's automatic calibration system.  
2) Reference programme for energy label in compliance with EN 50242 regulations. - Note for Testing Institutes: for detailed information on the EN/Standard loading comparison test and other tests, contact the following address: "nk\_customer@whirlpool.com".

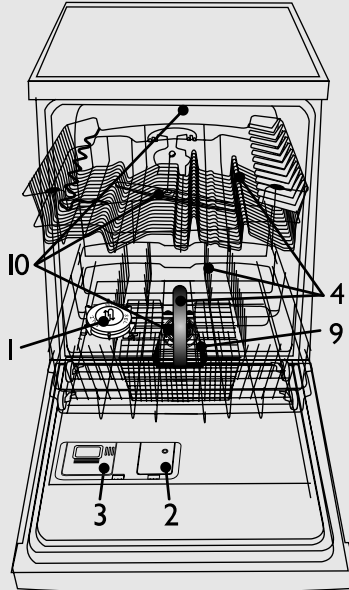
ADG 7470

5019 396 01787

## How to set detergent type: powder/gel/tablet (if option is available)

## First time use

In order to always ensure the best cleaning results, you **NEED** to set: **DETERGENT** type and **WATER HARDNESS**.



- 1- salt reservoir  
 2- rinse aid dispenser  
 3- detergent dispenser  
 4- racks system  
 5,6,7,8- available functions on the panel  
 9- filters  
 10- spray arms

1. Select 3rd programme (see Table of programmes - page 1)	2. Press START button for 7 seconds	3a. Check your detergent type...	3b....and set it on your dishwasher using the START button (as per table below)		4. Remember to use salt and rinse aid when needed (as indicated below)		5. Switch off and switch on again to save setting
		Detergent types	Dishwasher models				
			model without display	model with display			
		Powder or gel (factory setting)	3h 6h 9h ● ● ●	OFF			
Tablet 2 in 1	● ○ ○	2-#	□	add salt	<del>rinse aid</del>		
Tablet 3 in 1	○ ● ○	3-#	◻	<del>salt</del>	<del>rinse aid</del>		
Tablet All in 1	○ ○ ●	4-#	◼	<del>salt</del>	<del>rinse aid</del>		



For models without "detergent type" option, the salt and rinse aid indicators will be lit when tablets are used.

## How to set water hardness

\* only before the first wash or if the water hardness has been changed

### Switch on the appliance

- Select the 2nd programme "P2" - consult the table of programmes.
- Press the START button for at least 5 seconds until the START indicator lamp flashes.
- The water hardness setting is shown on the display (if present) or the START button flashes.
- With each successive touch of the START button the setting increases and when it reaches 7 it returns to 1 again.
- The appliance must be switched off to memorise the new setting.

1. Ask your water supply company what the water hardness is...		2. ...enter this value on your dishwasher		Suggestions for detergent use	
English degrees °eH	Water hardness	Dishwasher with display: insert value in the display	Dishwasher without display: count START button led flashes	Gel or Powder (rinse aid and salt)	Tablets
0 - 6.3	Soft	1	1x	go to step 1 (see "Daily check")	if extra salt is needed go to step 1 (see "Daily check")
7 - 12.6	Medium	2	2x		
13.3 - 18.9	Average	3	3x		
19.6 - 25.9	Medium-hard	4	4x		
26.6 - 35	Hard	5	5x		
35.7 - 44.1	Very hard	6	6x		
44.8 - 74.9	Extremely hard	7	7x		



Water hardness level is factory set for medium hard water (a number "4" is shown on the display or the START indicator lamp flashes 4 times).

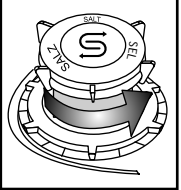


Even if you use tablets which include salt, you must still add salt since such detergents are not effective enough at softening hard water.

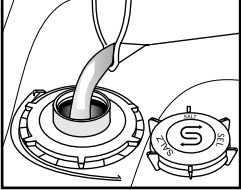
## Filling the salt reservoir - Dissolve limescale (not necessary if water hardness level is set to "soft!")

## Daily check

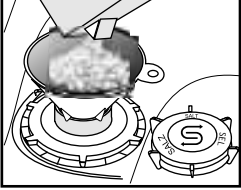
**1**



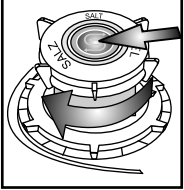
Visual indicator (depending on model). Unscrew cap.



Fill the salt reservoir with water before the first wash only.



**Add salt** (never add detergent!).  
min. 1.5 kg  
max. 2 kg



Visual indicator (depending on model). Screw on the cap. Salt residues around cap need to be removed.

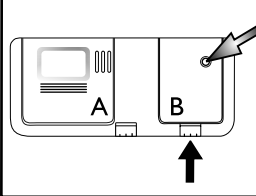
**i** The salt level indicator lamp may remain lit for the duration of several wash cycles. If the water hardness level falls within category (soft), **no salt** is required.

**Salt indicator (depending on the model)**   The indicator lamp on the control panel lights up when SALT NEEDS TO BE ADDED.

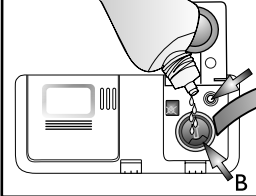
 orange: OK.  clear: NEEDS TO BE ADDED

## Adding rinse aid (not necessary when you use tablets). How to adjust the rinse aid dosage regulator

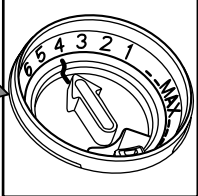
**2**



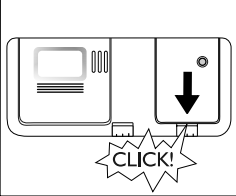
Visual indicator  
If required, open the cover B (press right button).




Add rinse aid to the max. line ~150 ml






The rinse aid dosage can be adjusted to the detergent used. The lower the setting, the less rinse aid is dispensed (factory setting: position 4). Press the button to open the cover B. Using a coin or similar object, turn the arrow to the desired setting. After adjusting the rinse aid setting, shut the cover again.



**CLICK!**

**i** Rinse aid indicator (depending on model)  The indicator lamp on the control panel lights up when RINSE AID NEEDS TO BE ADDED.

 dark: OK.  clear: NEEDS TO BE ADDED

 Only use rinse aids recommended for use in domestic dishwashers. **Immediately** wipe away any rinse aid spilt accidentally. This prevents the formation of excess suds which can cause a fault function of the appliance.

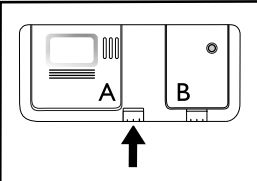
**i** If there are streaks: reduce the dosage by turning the dial to a lower setting (1-3). If crockery is not perfectly dry: increase the dosage by turning the dial to a higher setting (5-6). Plastic dishes have more difficulty drying and a higher rinse aid setting will not improve the situation.

**i** Detergents with rinse aid incorporated may be effective only with longer programmes. In the case of shorter programmes, detergent residue may be a problem (if necessary, use powder detergent). Detergents with rinse aid incorporated tend to form excess suds.

## Adding detergent - Use only detergent specifically for dishwashers in accordance with the supplier's recommendations

## Daily use

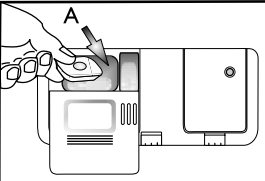
**3**



Open the cover A (press left button).

Only fill the detergent dispenser prior to starting a wash programme.

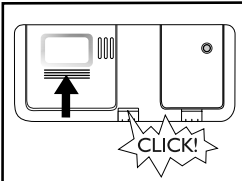
Tablet / gel / powder



Use only one tablet per one cycle, only placed in detergent dispenser.

All types of tablets can be used, but for 2 in 1 type adding of salt is mandatory.

By pressing dedicated ribs shut the cover.



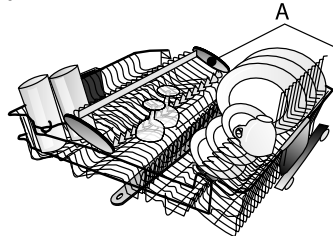
**CLICK!**

## How to load UPPER RACK

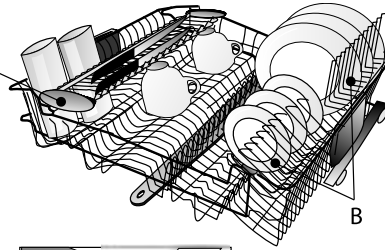
4

(In some models only)

**A - Multipurpose support:** Different positions for long utensils, cups and glasses.



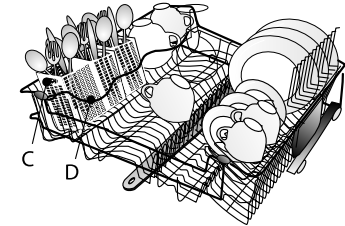
**B - Adjustable flaps:** In horizontal position for cups/long utensils, in raised position for plates and stemware.



(In some models only)

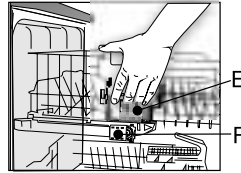
**C - Cutlery basket:** It can be placed in the upper rack when the "Half load/Multizone" option is selected.

**D - Adjustable glass holder**



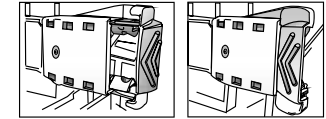
**How to adjust upper rack height** (if available)

- It could be useful to lift up upper rack to have more space in lower rack or bring it down to load long stem glasses.
- Grasp and take out the two lateral handles (E) (must be on same level) and lift up or take down the upper rack.



**How to remove upper rack** (if available)

- It could be useful to remove upper rack to load bulky items in lower rack.
- Open the two retainers (F) to take off the upper rack. When the upper rack is in place the retainers must always be closed.



F - CLOSED

F - OPEN

## How to load LOWER RACK

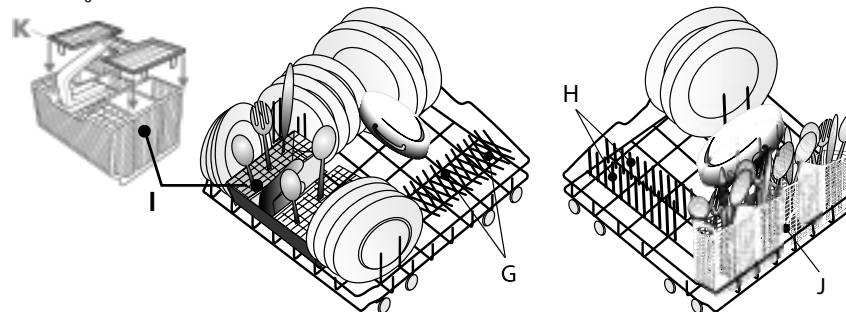
(depending on the model)

**G - Foldable plate holders:** They can be folded down to load pots or

**H - Fixed plate holders**

**I - Cutlery basket** (or J model)

**K - Grid:** Helps to keep the cutlery separate for better washing results.



5



Arrange crockery so that water does not collect in cavities, ensuring that the spray arms turn freely. Only use dishwasher-proof crockery and dishes. Do not use the dishwasher for washing wooden items, aluminium, tin, silver cutlery or decorated crockery (unglazed). In the baskets, dishes (e.g. plates, bowls, pots) must be placed in a correct way to let water flow down!

## Select programme Quick, permanent or alternating

### 6 Overview of programmes

The max. possible number of programmes is illustrated in the chapter "Chart". The corresponding programmes for your appliance can be found on the panel (page 1).



Choose programme according to the attached table of programmes (page 1).



Duration of the programme depends on the external conditions in the apartment, temperature and pressure etc.

## Wash cycle

### 7

The dishwasher door must be closed and the water tap open.

To load crockery, open the door with caution:



Beware of hot steam!

Close the door again.

The programme resumes the cycle from where it was interrupted.



The wash cycle can be interrupted at any time by pressing START (see chapter "What to do if...").

#### Change the programme in progress:

- Press the START button (for 2 seconds) until the START indicator lamp switches off.
- Close the door.
- (Water drains for up to 60 seconds).
- Open the door.
- Select a new programme.
- Press the START button.

## Switch off the appliance Everything o.k. ...

### 8

Exercise caution when opening the door: beware of hot steam.

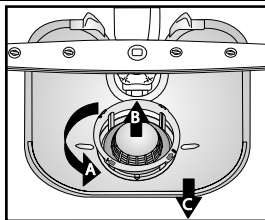
Only press the OFF button once the START indicator lamp has switched off.

All the indicator lamps switch off. Unload the appliance, starting from the lower rack in order to avoid any residual drips of water falling onto crockery below.

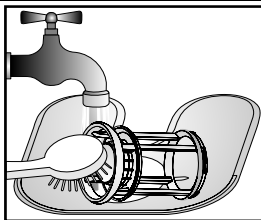
## Maintenance and care

### 9

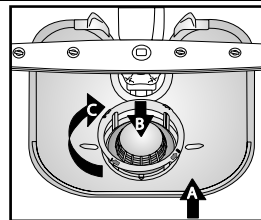
**Filters**  
Check and clean if necessary



Unscrew filter cylinder, remove it and fine sieve...

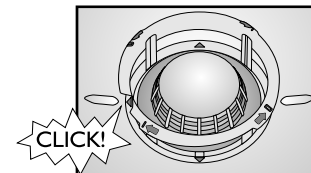


Rinse under running water ...



Insert

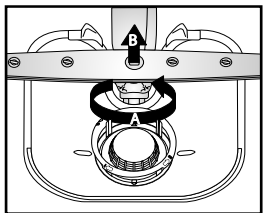
Screw on filter cylinder NOTE MARK!



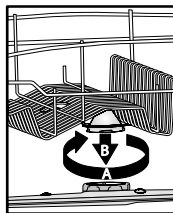
## Rectifying minor faults yourself ...

### 10

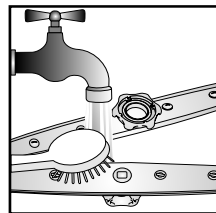
**Spray arms**  
Remove blockages/ deposits.



Unscrew and remove lower arm ...

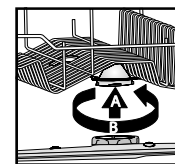
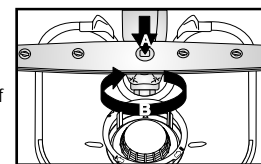



Unscrew and remove upper arm ...



Clean spray nozzles under running water (use toothpicks if necessary) ...

Insert and screw on lower and upper arms tightly.



 <b>If a fault occurs, before contacting the After-sales Service, make the following checks to try and remedy the problem. Most faults can be remedied by taking the following courses of action, quickly restoring normal appliance operation.</b>		
The appliance...	Possible causes...	Solutions...
...is not working/will not start	<ul style="list-style-type: none"> <li>- The appliance must be switched on.</li> <li>- The dishwasher door doesn't close.</li> <li>- "Delayed start" option is ON.</li> </ul>	<ul style="list-style-type: none"> <li>- Check the household circuit fuse if there is no power supply.</li> <li>- Check if the dishwasher's door is closed.</li> <li>- Check whether the "Delayed start" option (if available) has been selected. If it has, the appliance will only start once the set time has elapsed. If necessary, set the delayed start to "0" (RESET the appliance).</li> </ul>
...shows "F1" on the display or the START indicator lamp flashes once	<ul style="list-style-type: none"> <li>- The water supply temperature is below 3°C.</li> </ul>	<ul style="list-style-type: none"> <li>- Check that the water supply temperature is above 3°C.</li> </ul>
...shows "F4" on the display or the START indicator lamp flashes 4 times	<ul style="list-style-type: none"> <li>- Dirty filters.</li> <li>- Kinked drain hose.</li> <li>- Syphon hose connection closed.</li> </ul>	<ul style="list-style-type: none"> <li>- Clean the filters.</li> <li>- The drain hose must not be kinked.</li> <li>- The closure disk of the syphon hose connection must be removed.</li> </ul>
...shows "F6" on the display or the START indicator lamp flashes 6 times	<ul style="list-style-type: none"> <li>- Water tap closed.</li> <li>- Kinked water inlet hose or clogged inlet filters.</li> </ul>	<ul style="list-style-type: none"> <li>- The water tap must be open.</li> <li>- The water inlet hose must not be kinked and the relative inlet filter in the water tap connector must not be clogged.</li> </ul>
...shows "F7" on the display or the START indicator lamp flashes 7 times	<ul style="list-style-type: none"> <li>- Water pressure too low.</li> <li>- Kinked water inlet hose or clogged inlet filters.</li> </ul>	<ul style="list-style-type: none"> <li>- The water tap must be fully open during water inlet (minimum capacity: 0.5 litres per minute).</li> <li>- The water inlet hose must not be kinked and the relative inlet filter in the water tap connector must not be dirty.</li> </ul>
...shows "F8" on the display or the START indicator lamp flashes 8 times	<ul style="list-style-type: none"> <li>- Dirty or clogged filters.</li> <li>- Too little water in the dishwasher's water system.</li> <li>- Drain hose incorrectly fitted.</li> </ul>	<ul style="list-style-type: none"> <li>- The filters must not be dirty or clogged.</li> <li>- Concave items (e.g. bowls, cups) must be arranged facing downwards in the rack.</li> <li>- The drain hose must be fitted correctly (for high mounted appliances, leave min. 200-400 mm from the lower edge of the appliance) - see Assembly instructions.</li> </ul>
...shows other "F" faults on the display or the START indicator lamp flashes Xx times	<ul style="list-style-type: none"> <li>- Many different causes.</li> </ul>	<ul style="list-style-type: none"> <li>- Reset the appliance (see below).</li> </ul>
<b>After taking the above course of action, the fault message must be reset. In the majority of cases the fault is thus eliminated.</b>		
<b>RESET:</b> <ul style="list-style-type: none"> <li>▶ Press the START button for approx. 2 seconds until the indicator lamp switches off or press the RESET button (depending on model)</li> <li>▶ Close the door.</li> <li>▶ Water drains automatically for up to 60 seconds.</li> <li>▶ The appliance is now ready to be restarted.</li> </ul>		
Crockery and cutlery...	Possible causes...	Solutions...
...are not perfectly clean/have food residues	<ul style="list-style-type: none"> <li>- Too little space between dishes (incorrect arrangement of the concave items in the rack).</li> <li>- Too little detergent; detergent too old or incorrectly stored.</li> <li>- Temperature not high enough for heavily soiled crockery.</li> <li>- Loading of the dishwasher using lower and upper rack at the same time with "Half load/Multizone" option.</li> <li>- Frequent use of Eco 50°C.</li> <li>- Clogged spray arms; filters dirty or not fitted correctly.</li> <li>- Spray arms impeded by crockery or cutlery.</li> </ul>	<ul style="list-style-type: none"> <li>- Arrange crockery so that items do not touch each other. Concave items (e.g. bowls, cups) must be arranged facing downwards in the rack.</li> <li>- If necessary, use more detergent, observing the manufacturer's indications as regards dosage. Always store detergent in a dry place and do not store it for excessively long periods of time.</li> <li>- For heavily soiled crockery, select a wash programme with a higher temperature (see table of programmes on page 1).</li> <li>- If you select the "Half load/Multizone" option (if available), remember to load <b>only</b> the upper rack or <b>only</b> the lower rack to increase washing power and thus obtain optimum wash results.</li> <li>- In the event of frequent use of the Eco 50°C programme (if available), from time to time select the Intensive 70°C programme (if available).</li> <li>- The spray arms must not be clogged, the filters must not be dirty and must be fitted correctly (see page 5, "Maintenance and care").</li> <li>- The spray arms must be able to turn freely and must not be impeded by crockery or cutlery.</li> </ul>

Crockery and cutlery...	Possible causes...	Solutions...
...salt indicator lit	- Use tablets for soft water.	- Set "Detergent type" option; if this option is not available, it is normal for the salt indicator to light up.
...have deposits: regeneration salt residue	- Water too hard.	- In areas with very hard water, more regeneration salt needs to be added (see page 2 "How to set water hardness").
	- Salt reservoir cap open.	- Close the salt reservoir cap properly.
	- Not enough rinse aid.	- If you use a combined action detergent, try adding more rinse aid.
...are not dry	- Plastic containers dry badly.	- Synthetic materials do not dry well; if wet at end of cycle, wipe dry.
	- Clean dishes left in dishwasher for a long time after end of cycle (e.g. when using "delayed start" option).	- In this situation, the presence of drops of water on dishes and on the sides of the dishwasher is normal. Try releasing the door 5 minutes before removing the dishes.
	- Incorrect arrangement of the concave items in the rack.	- Arrange crockery so that water does not collect in cavities.
	- Incorrect dosage the rinse aid.	- Increase the dosage of rinse aid - see page 3, "Adding rinse aid".
	- Rapid programme selected.	- The rapid programme is intended for quickly washing lightly soiled dishes. If used for a full load of medium/heavy soiled dishes, the dishes may not dry completely. If so, select a standard-length programme. For best results, open the door after the end of the programme and wait 15 minutes before unloading the dishwasher.
...have discoloured plastic parts	- Tomato/Carrot juice.	- Tomato sauce, for example, can lead to discolouring of plastic parts. Powder detergent is recommended as it allows slightly higher doses to be used for improved whitening. Programmes with higher wash temperatures should be used.
...opaque glasses, etc	- Dishes unsuitable for washing in dishwashers (porcelain).	- Only use dishwasher-proof crockery and dishes.
...removable deposits on glasses	- Usage of incorrect programmes for glasses.	- Dishes should be put together, to avoid touching each other. Do not put glassware together in baskets. Use suitable programme for glass.
...glasses not sparkling	- Not conform of glasses to washing in dishwashers (porcelain).	- Some kinds of glass cannot be washed in the dishwasher.
...permanent deposits on glasses	- Rainbow effect.	- This phenomenon is irreversible. We recommend in future: - Change the control of system of dosage of softener. - Be careful – follow recommended detergent dosage. - For combined action tablets see detergent producer's recommendations.
...tea cups darken and dirt does not disappear after washing in dishwasher	- Not known.	- This phenomenon is inevitable. Theine alters colours permanently.
...rust marks	- Pre-wash programme not used.	- Salty or acidic food residues can cause rust marks even on stainless steel cutlery. To avoid this, always use the pre-wash programme if the dishes are to be washed later.
...other marks	- Rinse aid dosage too low.	- In the presence of marks, increase the rinse aid dosage (see page 3, "Adding rinse aid"). If you use a combined action detergent, try adding more rinse aid.
...streaks	- Rinse aid dosage too high.	- In the presence of streaks, reduce the rinse aid dosage (see page 3, "Adding rinse aid"). If you use a combined action detergent which includes rinse aid, do not add any additional rinse aid.
...suds	- Unsuitable dosage of detergent/rinse aid.	- Only use the amount of detergent/rinse aid required, since excessive amounts can lead to excess suds.

