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*Thank you for choosing one of our products.*

*You are advised to read this manual carefully; it contains all the information you need to use your dishwasher safely, correctly and in the most satisfactory manner.*

*Following the cleaning instructions provided here will keep your dishwasher's performance at peak levels in the long term.*



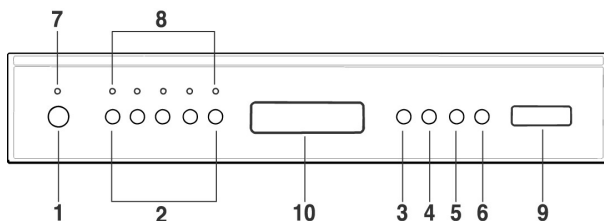
**USER INSTRUCTIONS:** *these consist of recommendations for using the appliance, a description of its controls and of the correct cleaning and maintenance procedures.*



## 1. Description of the controls

### 1.1 Front panel

All the dishwasher controls are grouped on the front panel.

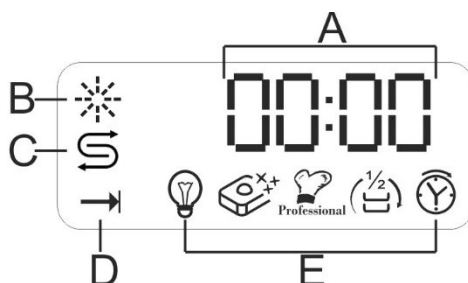


1	<b>ON/OFF</b> BUTTON
2	<b>SELECTION PROGRAM</b> BUTTONS (P1...P5)
3	<b>OPTION SELECTION</b> BUTTON
4	<b>CONFIRM OPTIONS</b> BUTTON
5	<b>DELAY PROGRAM</b> BUTTON
6	<b>START/PAUSE</b> BUTTON
7	<b>POWER ON</b> LIGHT
8	<b>PROGRAMS</b> INDICATOR LIGHTS
9	INFORMATION <b>DISPLAY</b>
10	RECESSED DOOR HANDLE

**N.B.:** symbols and styling are guideline and may vary depending on the model or version of the dishwasher purchased.

## 1.2 Information display

The dishwasher is equipped with a practical **DISPLAY** which provides information on the programmed dishwasher functions.







<b>A</b>	<b>4-FIGURE DISPLAY</b>
<b>B</b>	<b>RINSE AID WARNING LIGHT</b>
<b>C</b>	<b>SALT WARNING LIGHT</b>
<b>D</b>	<b>START/PAUSE BUTTON</b>
<b>E</b>	<b>OPTIONS LIGHT</b>

### PROGRAMS TABLE

The manual contains the programs table for several models. To find the table for your dishwasher, compare the program symbols at the top of the table with those on your control panel.



## PROGRAMS TABLE

PROGRAMME, NUMBER & SYMBOL	LOAD CROCKERY AND CUTLERY	PROGRAM PROGRESS	DETERGENT	
			COM PART MENT G/H	COM PART MENT K
<b>1 SOAK</b> 	Pans and dishes awaiting completion of the load.	Cold prewash	---	20g
<b>2 GLASS</b>  45°	Glass, china and mixed dishes with light dirt.	Wash at 45°C Cold rinse Rinse at 70°C Dry	---	30g
<b>3 ECO (*)</b> <b>Eco</b> EN 50242	Dishes with normal dirt, even with dried-on residues.	Wash at 50°C Cold rinse Rinse at 55°C Dry	10g	25g
<b>4 AUTO</b> 60-70 Auto  60° IEC/DIN***	Pans and dishes with normal dirt, even with dried-on residues.	When the "AUTO" program is selected, the dishwasher recognises the type of dirt and automatically adjusts the washing parameters as appropriate.	10g	25g
<b>5 ULTRA CLEAN</b>  70°C ****	Very dirty pans and dishes, even with dried-on residues.	Hot prewash Wash at 70°C Cold rinse <b>(1)</b> Rinse at 70°C Dry	10g	25g





The **ULTRA CLEAN** program terminate with an extra anti-bacteria rinse that ensures a further reduction in the bacteria level. If the temperature falls during this stage of the program (e.g. because the door is opened or due to a power blackout), the **program lights** flash to warn that the anti-bacteria effect is not guaranteed.

**IMPORTANT:** see "NOTES AND REFERENCES" table on the following pages.



*If the dishwasher door is open or not properly closed, the washing cycle will not start.*

## PROFESSIONAL PROGRAMS (see “professional programs option”)

PROGRAMME NUMBER E SYMBOL	LOAD CROCKERY AND CUTLERY	PROGRAM PROGRESS	DETERGENT	
			COM PART MENT G/H	COM PART MENT G/H
<b>6 PRO GLASSES</b> 	Special program for washing glasses.	Wash at 50°C Cold rinse Rinse at 70°C	---	30g
<b>7 ULTRA RAPID</b> 	Very dirty pans and dishes, even with dried-on residues, for fast washing.	Wash at 65°C Cold rinse Rinse at 65°C	---	30g
<b>8 UNIVERSAL</b> 	Dishes with normal dirt, with some fairly moist residues.	Wash at 65°C Cold rinse Rinse at 70°C	---	30g
<b>9 INTENSIVE</b> 	Very dirty pans and dishes, even with dried-on residues, for fast washing.	Hot prewash Wash at 72°C 2 cold rinses Rinse at 70°C	10g	25g









**IMPORTANT:** see “NOTES AND REFERENCES” table on the following pages.



*If the dishwasher door is open or not properly closed, the washing cycle will not start.*



## DURATION AND CONSUMPTION (2)

PROGRAMME NUMBER E SYMBOL	Duration for power 5.45 kW – P3		Duration for power 3.5 kW – P2		CONSUMPTION		
					Water	(3) Electricity (KWh)	
	Hot H <sub>2</sub> O 60°C	Cold H <sub>2</sub> O 15°C	Hot H <sub>2</sub> O 60°C	Cold H <sub>2</sub> O 15°C	Litres	Hot H <sub>2</sub> O	Cold H <sub>2</sub> O
1 SOAK 	15'	15'	15'	15'	4,0	0,02	0,02
2 GLASS 	40'	45'	42'	50'	10,7	0,62	1,04
3 ECO <b>Eco</b>	114'	119'	116'	124'	10,5	0,72	1,17
4 AUTO 60 	78'	82'	82'	88'	10,5	0,87	1,31
5 ULTRA CLEAN 	115'	120'	119'	128'	17,3	0,93	1,69
6 PRO GLASSES 	19'	24'	24'	31'	12	0,59	1,22
7 ULTRA RAPID 	16'	20'	19'	25'	12	0,68	1,46
8 UNIVERSAL 	23'	27'	27'	33'	12	0,82	1,53
9 INTENSIVE 	41'	45'	45'	52'	15,7	0,77	1,59

## NOTES AND REFERENCES

**Only** run the soak program with half loads.

Options **cannot** be used with the soak program.

The **HALF LOAD** option cannot be used with the **soak** program or the **professional** programs.

**Energysave** is activated automatically if the selected program is compatible with the option.

*	Standard programme under <b>EN 50242</b> . If present, the <b>ENERSAVE</b> option must <b>be enabled</b> . Power setting <b>P1</b> .
**	See information sheet provided
***	<b>IEC/DIN</b> reference programme. If present, the <b>ENERSAVE</b> option must <b>be enabled</b> .
****	Reference program for laboratories: Detergent: <b>20g</b> in the <b>dispenser</b> + <b>10g</b> in the <b>door</b> or tablet. <b>Configuration</b> : see photo in "Using the baskets".
(1)	1 or 2 cold rinses depending on the model.
(2)	Program consumption and duration figures have been measured in accordance with the <b>EN 50242</b> standard. Values may vary depending on intake water and room temperatures and the type and quantity of dishes loaded.
(3)	Values are with the appliance power set on <b>P3</b> .

**REFERENCES** for the **ENERGY LABEL** supplied with the dishwasher:

- Annual energy consumption is based on **280 standard wash cycles** with cold water and consumption of low-energy operating modes. Actual consumption depends on the way in which the appliance is used.
- Water consumption is based on **280 standard wash cycles**. Actual consumption depends on the way in which the appliance is used.
- Information refers to the **EN 50242 STANDARD** programme (identified in the programmes table), which is the most effective in terms of combined energy and water consumption. The programme is recommended for dishes with a normal level of dirt.
- Drying efficiency class on a scale from **"G"** (minimum efficiency) to **"A"** (maximum efficiency).



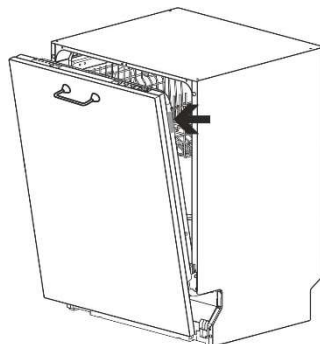
### Notice for testing institutes

Testing institutes are provided with guidelines for comparative tests (e.g. according to EN60436).

If the form for the testing institutes is missing from the documentation, please request the guidelines by contacting us at the following e-mail address:

[dishwasher@test-domestic-appliances.com](mailto:dishwasher@test-domestic-appliances.com)

When making a request, please specify the model (MOD) and the serial number (S/N) indicated on the plate on the side of the door.



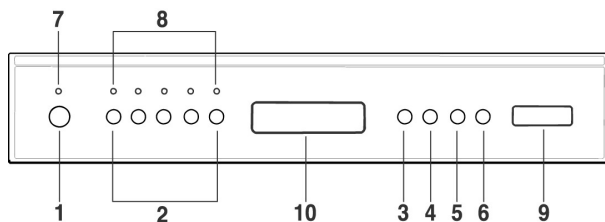
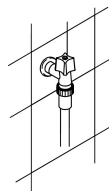
## 1.3 Washing programs

The dishwasher is equipped with a control panel and an **INFORMATION DISPLAY** from which it is possible to carry out all the power switch-on, switch-off and programming operations.



**Before starting a washing program make sure that:**

- The water supply tap is **open**.
- The **correct amount of detergent** has been added to the **dispenser**.
- The baskets have been **correctly loaded**.
- The spray arms are able to **rotate freely** and without obstruction.
- The dishwasher door is **securely closed**.





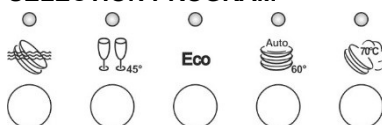
## LIGHTING

Pressing the **ON/OFF** button will start the dishwasher and will lit up the dishwasher pilot light. After approximately **3 second** from this operation the **DISPLAY** will be turned on with a visualization that will depend upon the state of the dishwasher.

## PROGRAMMING

All the programming operations are possible only with closed door. With open door, on the **DISPLAY** will appear -- : --.

## SELECTION PROGRAM



The program selection is possible through the relative buttons.

By pressing the relative button of desired program (see table) it will lid up the relative pilot light to confirm that the operation did occurred on the **DISPLAY** will appear a program duration forecasting ("**h.mm**").



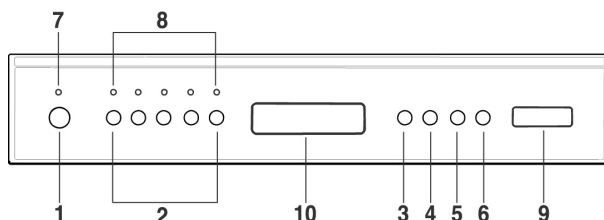
## START PROGRAM

At this point, in order to start the machine, it is only enough to press the **START/PAUSE (6)** for some seconds until the symbol **START/PAUSE (D)** start to flash and confirmation "beep" is heard. From this moment the cycle duration on the **DISPLAY (9)** starts to decrease.

This phase, that updates itself during the cycle, is "indicative" since it is influenced by the washing conditions such as dishwasher type and quantity, entry temperature etc. For this reason it is normal to see the updating during a program (increment and decrease of minutes) specially in the passage from one phase to the other (for example, from washing to rinse).

## END PROGRAM


The end of the program is indicated by a short signal acoustic and from the "**End**" visual notification on **DISPLAY**. By pressing one of the buttons, the "**End**" visual signal will vanish from the display and the dishwasher is ready to continue a new cycle.






## INTERRUPTING A PROGRAM

In order to interrupt a running program it is necessary:

- to press the **START/PAUSE**  for some seconds until when the symbol **START/PAUSE** remains lit on the display (confirmation beep). At this point, it is possible to start the cycle again, otherwise:
- 


## TO CHANGE A PROGRAM

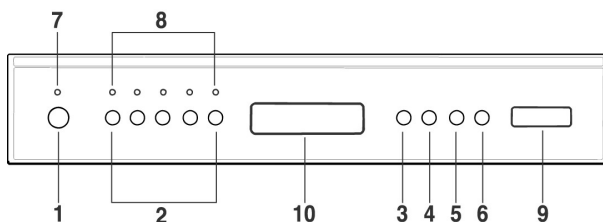
To change the running program it is necessary:

- to interrupt the running program (see "INTERRUPTING A PROGRAM");
- select the new program;
- to press again the **START/PAUSE** button  to make start the new program.

## STOPPING A PROGRAM

To cancel a program which is running:

- Interrupt the program (see "INTERRUPTING A PROGRAM")
- Press the **START/PAUSE** button  and hold it down; the display will show "P0" and the dishwasher will immediately switch to the end of the cycle and drain the tank (during this process, the "START/PAUSE" symbol will flash). When the drain procedure ends, the end of cycle "End" message appears on the display.





*In case that the door is opened during the operation, to the next door closing it is going to be necessary to start the program as shown in paragraph "STARTING THE PROGRAM". The program will resume from the point in which it was interrupted.*

*In case that the tub temperature is higher than 50°C the program will start about 60 seconds later.*




## PROGRAM DELAY





The **PROGRAM DELAY**  button can be pressed to delay the start of the washing program by from **1 to 12/24** hours depending on the model. This option allows the dishwasher to be operated at the time of day of the user's choice. The first time the **PROGRAM DELAY**  button is pressed the option light comes on and **1:h** appears on the **DISPLAY**. The button can then be pressed again, to set the delay required (**2:h, 3:h, ...** etc.). If no button is pressed for a few seconds, the **DISPLAY** shows the time left (time remaining) to the end of the selected program (e.g. **5:40**, duration of the washing cycle + program delay). When the user confirms the program start (read the relative section) a prewash will be carried out, after which the **PROGRAM DELAY** set will begin, and the time remaining on the **DISPLAY** will gradually be counted down. At the end of the delay set, the option light goes out and the washing cycle starts.

**N.B.:** It is not possible to select the **PROGRAM DELAY** option once the cycle has begun.

Chosen the delay, proceed with the program start, press the button

**START/PAUSE**  for some seconds until the **START/PAUSE** symbol start to flash. The machine will perform a dish pre-washing, and when finish, the "delay program" will enter in function as it was first set.

In case you want to put to zero the "delay program" within the running program it is necessary:

- to press the **START/PAUSE**  button for some seconds until the **START/PAUSE (D)** symbol remain lid up on the display;
- to press the **DELAY PROGRAM**  more times until the reset of the delay program (**START/PAUSE**  symbol shut off);
- to press the **START/PAUSE**  button to make start the program.

**N.B.:** It is not possible to select the "delay program" when the program have already began.


## OPTIONS

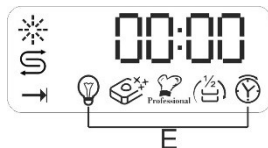
The options are controlled by the **OPTION**

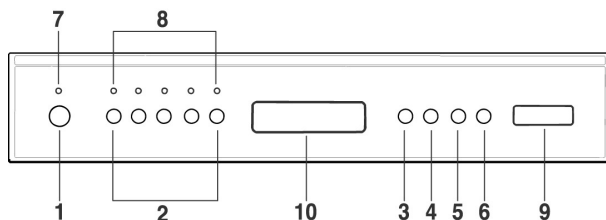
**SELECTION** button .

Press the button to access the procedure, confirmed by flashing of one of the **OPTIONS** lights **(E)**.

**N.B.:** The **PROGRAM DELAY** light only comes on when the specific

**PROGRAM DELAY** button  is pressed.





Press the **SELECT OPTIONS** button ↓ again to display the next option.

To confirm an option, press the **CONFIRM OPTION button** (the light stops flashing and remains on). This operation can be carried out for one or all of the options available. To deactivate an option which has already been confirmed, press the **OPTION SELECTION button** ↓ until the **OPTION LIGHT** required flashes, and press the **CONFIRM OPTION button** . The light stops flashing and goes out.

All options **except "Flexi Tabs"** are **disabled** at the end of the wash cycle.

#### PROFESSIONAL PROGRAMS OPTION



Professional

Enables operation in **Professional** mode, giving access to **4 extra programs, with the times and performances usually associated with professional dishwashers.**

To activate the option, first select the "basic" program corresponding to the professional cycle required.

**N.B.:** the **highest power** and **shortest times** will be obtained with dishwashers connected to the highest power supply and hot water (see electrical and water supply hook-up instructions).

#### ENERSAVE



EnerSave

This option can be selected with the wash programme of choice to further **reduce energy consumption**. Drying is aided by a special device that automatically releases the door, which opens slowly and smoothly by a few centimetres. This ensures **perfect drying** and greater control of rinsing temperatures, which can be kept at lower levels for significant **energy saving**. Once the door has opened, the end of the wash cycle is indicated by a short beep.

**EnerSave** is activated **automatically every time** a wash cycle is selected (except for programs that do not include the final drying phase; see programs table) and can be disabled before the program is started.

**Flexi Tabs**, once selected, **remains enabled** until intentionally disabled.



When the function is activated, **opening of the door must not be impeded in any way**; do not leave anything in the space in front of the door necessary to allow it to open.

**Do not re-close the door during automatic opening** as this would damage the mechanism. Wait for the pushers to retract before re-closing the door.



## Flexi Tabs

Ideal for multi-function detergents, this option allows washing to be optimised, with full benefits from the combined-action tablets. When this option is activated, any salt and rinse aid in the relative containers will not be used.

***If the option is not provided, we recommend the use of conventional products** (separate detergent, salt and rinse aid), because with conventional washing cycles, combined products might create problems such as a white deposit, poor drying results and residues left on dishes.*

## N.B.:

When the salt and rinse aid containers are empty, the relative lights will remain on even if the “**Flexi Tabs**” option is selected.

## IMPORTANT:

when no longer required, the option must be **deactivated** by pressing the relative **button** (the light goes out).



*If the water hardness has been set on a value **above H3**, and the “**Flexi Tabs**” **option** is activated, the relative **light** flashes, warning of a setting error. Multi-function products are not suitable for use with very “hard” water; this **does not prevent** the use of the option, but the washing results might not be of the best.*



*Do not use tablet detergents with the professional programs. Since these programs are so short, the detergent tablet could fail to dissolve completely.*

**SPREAD HALF LOAD**

Suitable when there are not many dishes to be washed, it saves energy and reduces the program duration. Place dishes in both baskets then load the detergent dispenser than less than the normal amount for a full load.

**TO SAVE ON ENERGY! ... AND PROTECT THE ENVIRONMENT**

- Always try to run the dishwasher **fully loaded**.
- Do not wash the dishes in running water.
- Use the washing program that is **most appropriate** for each type of load.
- Do not carry out any preliminary rinsing.
- If available, connect the dishwasher to a hot water supply up to 60°C.

**TO CUT DOWN ON DETERGENT CONSUMPTION! ... AND PROTECT THE ENVIRONMENT**

The phosphates contained in dishwasher detergents are harmful to the environment. To avoid using excessive amounts of detergent and to save on electricity, observe the following:

- **separate** the more delicate items from dishes that are more resistant to aggressive detergents and high temperatures;
- **do not pour** the detergent directly on the dishes.

**ENERGY MANAGEMENT**

After **5 minutes of waiting** (washing cycle completed, stopped or set but not started) the dishwasher switches to a **standby** state to reduce energy consumption.

In this state, the dishwasher indicator panel (lights or display depending on model) functions more slowly (**switch-on once every 5 seconds**).

**REMOVING THE DISHES**

At the end of the washing program, wait at least **20 minutes** before removing the dishes, to allow them to cool down. To prevent any water droplets on the upper basket from falling on the dishes in the lower basket, it is **advisable** to unload the lower basket first, and then the upper basket.

## 2. Operating instructions

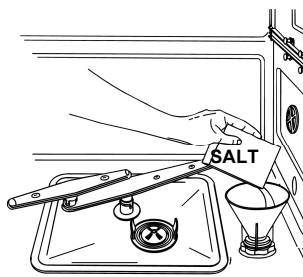
Once the dishwasher has been correctly installed, prepare for use as follows:

- Adjust the water softening system;
- Add the regenerating salt;
- Add the rinse aid and detergent.

### 2.1 Using the water softening system



The amount of scale contained in the water (water hardness index) can cause whitish staining on the dry dishes, which tend to become dull over time. The dishwasher is equipped with an automatic softening system which uses a special regenerating salt to reduce the hardness of the water. The dishwasher is factory set for water hardness level **3** (average hardness).



When using water of medium hardness, the regenerating salt container should be refilled after approximately **20 washing cycles**. The salt container can hold approximately **1 Kg** of salt in grains. The container is situated at the bottom of the dishwasher. After removing the lower basket, unscrew the salt container cap by turning it anticlockwise and pour in the salt using the funnel supplied with the dishwasher. Before replacing the cap, remove any salt residues from around the opening.



- *When using the dishwasher for the first time, in addition to the salt it is also necessary to add **one litre of water** to the container.*
- *Each time the salt container is refilled, make sure that **the cap is securely closed**. The mixture of water and detergent must never penetrate the salt container, as this would compromise the operation of the regeneration system. In the event of this occurring, the warranty will be invalidated.*
- ***Only** use regenerating salt specially formulated for domestic dishwashers. If using salt tablets, **do not fill the container completely**.*



- **Do not use table salt** as it contains insoluble substances which, over time, may damage the water softening system.
- When necessary, refill the regenerating salt container **before starting the washing program**. In this way, the excess saline solution will be immediately removed by the water; the prolonged presence of salt water inside the tank may lead to **corrosion**.

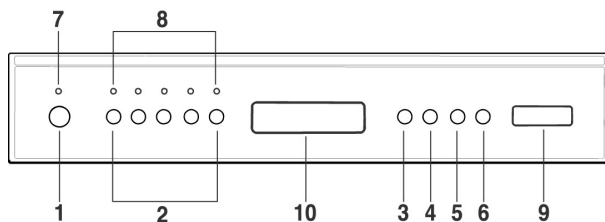


**Be careful not to confuse the salt and detergent packages;** adding detergent to the salt container will **damage** the water softening system.



### WATER SOFTENER SETTING

(available in all programs except the soak program)

The setting can be adjusted using the **PROGRAM DELAY BUTTON**.



To access the programming environment, the **appliance must be turned on** with the **door closed**. Then proceed as follows:

- press the **PROGRAM DELAY** button  until the **H** symbol appears on the display, followed by the number currently set (e.g. **H3**)
- press the **PROGRAM DELAY** button  the number of times needed to select the right setting level for the hardness of the water (**H0, H1, H2, H3, H4, H5, H5**);

After carrying out the adjustment or displaying the current setting, if you do not touch the button for a few seconds the dishwasher will automatically exit from adjustment mode and return to the standard operating mode.



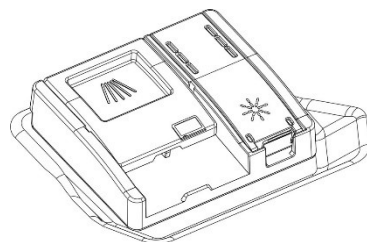
## WATER HARDNESS TABLE

WATER HARDNESS		SETTING
German Degrees (°dH)	French Degrees (°dF)	
0 - 6	0 - 11	<b>H0 NO SALT</b>
7 - 10	12 - 18	<b>H1</b>
11 - 15	19 - 27	<b>H2</b>
16 - 21	28 - 37	<b>H3</b>
22 - 28	38 - 50	<b>H4</b>
29 - 50	51 - 90	<b>H5</b>

Contact your local water board for information on the hardness of your water supply. Default settings: **H3 - 16-21°dH – 28-37°dF**

## 2.2 Using the rinse aid and detergent dispensers

The detergent and rinse aid dispensers are situated on the inner part of the door: the **detergent dispenser** is on the left, and the **rinse aid dispenser** is on the right.



*With the exception of the **SOAK** program, before every washing cycle it is necessary to add the required amount of detergent to the **detergent dispenser**. The rinse aid, on the other hand, should only be added as required.*



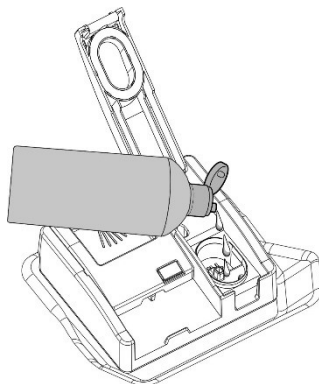
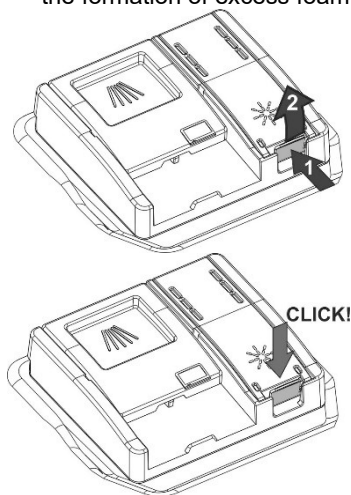
### ADDING THE RINSE AID

The rinse aid helps the dishes dry faster and prevents the formation of scale deposits and staining; it is automatically added to the water during the final rinse cycle, from the container situated on the inner side of the door.



To add rinse aid:

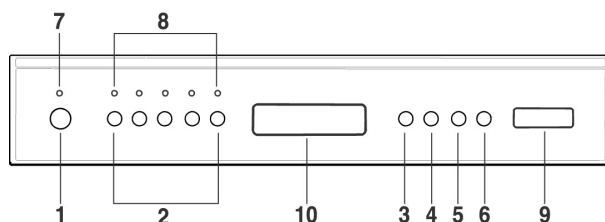
- Open the dispenser by pressing and lifting the tab on the cover.
- Fill the dispenser with rinse aid. Top up again when the rinse aid indicator light turns on.
- Close the cover, a click indicates when it is closed.
- Use a cloth to remove any spillage of rinse aid which might lead to the formation of excess foam.





## RINSE AID SETTING

(available in all programs except the soak program)

The setting can be adjusted using the **PROGRAM DELAY BUTTON**.



To access the programming environment, the **appliance must be turned on** with the **door closed**. Then proceed as follows:

- press the **PROGRAM DELAY** button  until the **b** symbol appears on the display, followed by the number currently set (e.g. **b5**)
- press the **PROGRAM DELAY**  button the number of times needed to select the right setting level for amount rinse aid (**b0**, **b1**, **b2**, **b3**, **b4**, **b5**, **b5**);

After carrying out the adjustment or displaying the current setting, if you do not touch the button for a few seconds the dishwasher will automatically exit from adjustment mode and return to the standard operating mode.

**RINSE AID ADJUSTMENT TABLE**

<b>b0</b>	0 – not dispensed
<b>b1</b>	minimum 2 ml
<b>b2</b>	3 ml
<b>b3</b>	4 ml
<b>b4</b>	5 ml
<b>b5</b>	maximum 6 ml

Default settings: **b4 - 5ml**

- *The amount of rinse aid must be **increased** if the washed dishes appear dull or feature circular stains.*



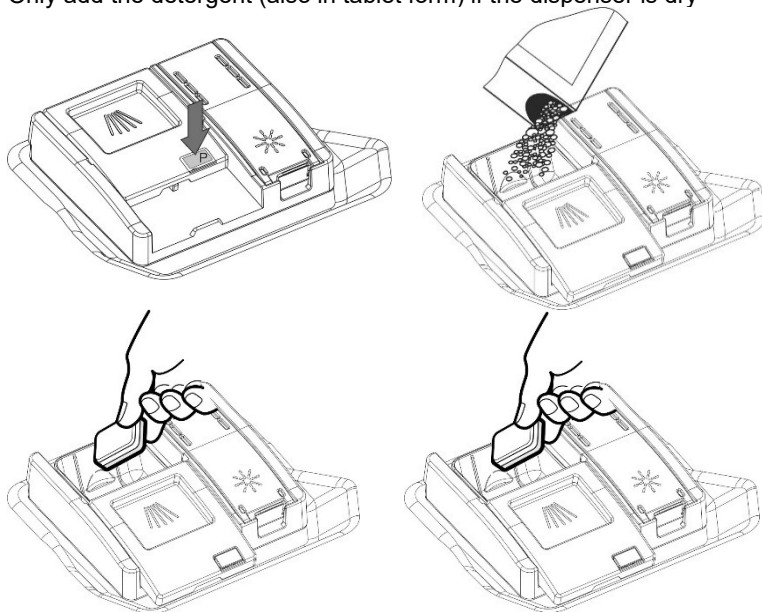
- *If, on the other hand, the dishes are sticky or have white streaks, it is necessary to **reduce** the rinse aid setting.*

### ADDING THE DETERGENT

To open the detergent dispenser cover, lightly press button **P**. Add the detergent or tablet and close the cover by sliding it until it stops, indicated by a click.

The dispenser will open automatically during the wash cycle.

Only add the detergent (also in tablet form) if the dispenser is dry





- When a program with hot prewash is selected (see program table), extra detergent must be placed in the cavity **G/H** (depending on models).
- Use **only** detergents specially formulated for dishwashers. The detergent packs must be sealed and stored in a dry place to prevent the formation of lumps which may negatively affect washing results. Once opened the detergent packs should not be kept for too long, otherwise the detergent loses its effectiveness.
- Do not use detergents for washing dishes by hand because they may affect the operation of the dishwasher.
- Add the correct amount of detergent. An insufficient amount of detergent will result in a partial removal of dirt from the dishes, whereas an excessive amount is wasteful and does not improve the washing results.
- For the safeguarding of the environment we recommend the use of **phosphate- and chlorine free** detergents.



**The introduction of detergent into the rinse aid dispenser, even in liquid form, will damage the dishwasher.**

## 2.3 General warnings and recommendations



Before using the dishwasher for the first time, it is advisable to read the following recommendations concerning dish types to be washed and their loading.

There are generally no constraints on the washing of domestic dishes, but in certain cases it is necessary to take their characteristics into account.

Before loading the dishes into the baskets it is necessary to:

- remove coarse food remains: e.g. bones, fish-bones, etc. which may clog the filter or damage the wash pump.
- soak any pots or pans with burnt-on food remains on the bottom to facilitate removal, then load them into the **LOWER BASKET**.

There is no need to pre-wash the dishes under running water before loading them into the baskets since this only wastes water.

**Correct loading of the dishes helps ensure optimal washing results.**

**WARNING!**

- *Make sure that the dishes are securely in place so that they cannot tip over or obstruct the rotation of the spray arms during the washing cycle.*
- *Do not place very small objects in the baskets as these could fall and obstruct the spray arms or the wash pump.*
- *Containers such as cups, bowls, glasses and pots should always be loaded with the opening facing downwards and with any cavities at an angle, to allow the water to drain out.*
- *Do not stack dishes or place them in such a way that they cover one other.*
- *Do not place glasses too close together because they may knock against each other and break, or there might be staining at the point where they touch.*

**MAKE SURE that the items being washed are dishwasher-safe.**

**Items which are not dishwasher-safe:**

- **Wooden dishes, pots or pans:** these may be damaged by the high washing temperatures.
- **Handcrafted items:** these are rarely suitable for washing in a dishwasher. The relatively high water temperatures and the detergents used may damage them.
- **Plastic dishes:** heat resistant plastic dishes must be washed in the upper basket.
- **Dishes and objects in copper, tin, zinc or brass:** these tend to stain.
- **Aluminium dishes:** items made from anodised aluminium may lose their colour.
- **Silverware:** silver items may stain.
- **Glass and crystal:** in general, glass and crystal objects can be washed in the dishwasher. However, certain types of glass and crystal may become dull and lose their clearness after many washings. Therefore, for these items we recommend using the least aggressive program available.
- **Decorated items:** the decorated objects available on the market are generally able to withstand washing in the dishwasher, although the colours may fade after a great many washes. If in doubt as to the fastness of the colours, it is advisable to wash just a few items at a time for approximately one month.

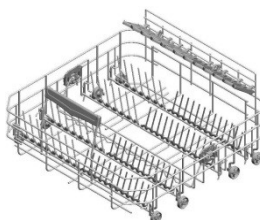
## 2.4 Using the baskets

The dishwasher has a capacity of **14 place-settings**, including serving dishes.

### LOWER BASKET

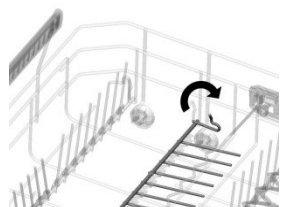
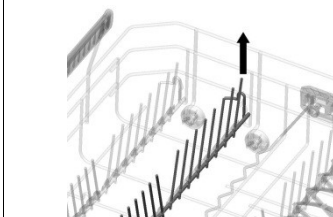
The lower basket receives the full force of the lower spray arm, and should therefore be used for the “toughest” items with a heavier degree of soiling.

All types and combinations of loads are permitted, provided that the dishes, pots and pans are arranged with all the soiled surfaces exposed to the water jets coming from the bottom.

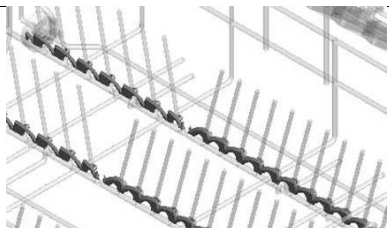


Depending on the models, the basket may be equipped with some or all of the following accessories:

Plate racks, which can be laid flat when not in use (e.g. to accommodate pans, bowls, etc.). To stow the racks flat, pull them upward and turn them towards the inside of the basket.

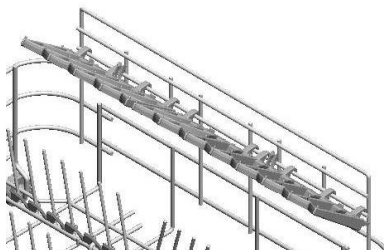


Anti-drip inserts which improve the drying of dishes. They may be supplied fitted on the basket or in the accessories bag; in this case, to use them, simply fit them into place as shown.

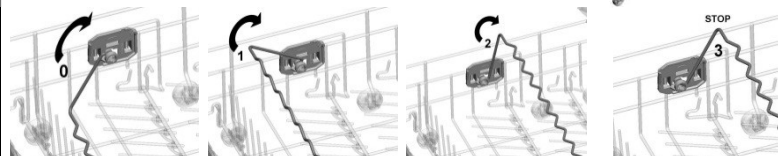
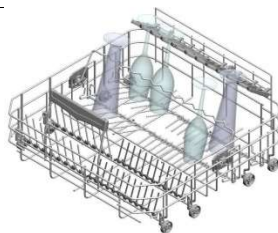




Supports for cups and long objects (ladles, spoons, etc.), in the rear; can be tipped to the vertical position when not in use.



**Glass holder.** Support for long-stem glasses. When lifted out of the stowed position (0) it snaps into three different positions (1-2-3).

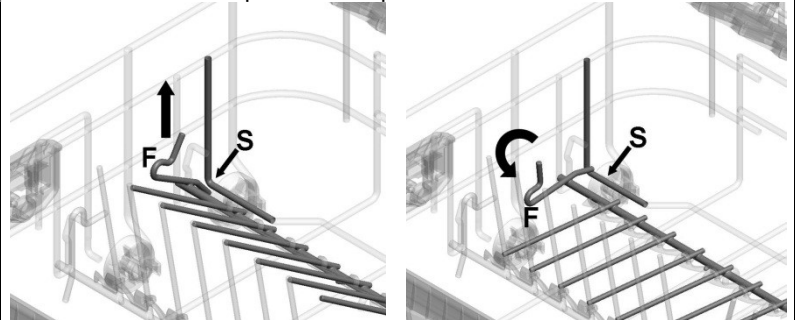


2-position fold-down supports (1-2). In position **1** (vertical) they can be used to take plates, while in position **2** (slanted) they provide support for long-stem glasses which will be held in place by the **glass holder**. Adjustment: raise point **P** as shown until the support turns into position **2**.





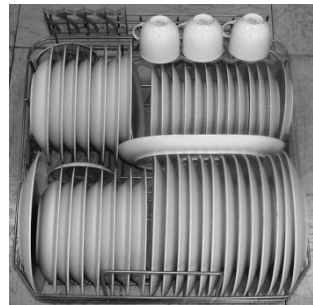
To lie completely flat, lift the end and turn it towards you so that the retainer **F** rotates into place above point **S**.



## LOADING THE LOWER BASKET

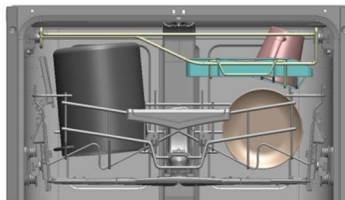
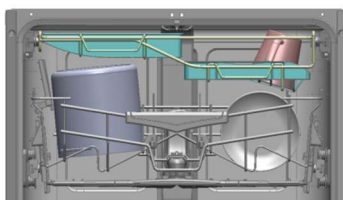
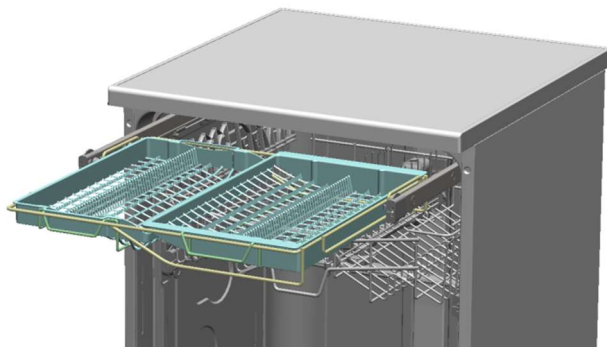
Carefully load flat plates, soup plates, dessert and serving dishes, positioning them vertically. Pots, pans and their covers must be loaded upside down. When loading soup plates and dessert bowls, be sure to leave a gap between them.

### Loading examples:



**FLEXI DUO TOP RACK**

This comprises **two independent** sliding, pull-out tray racks for easier loading/unloading of cutlery. Various loading systems and configurations are possible. For example, **tea cups** can be loaded with the **right-hand** rack set in the **low position**, while the left-hand rack or both can be removed to allow **large dishes** to be put in the **top basket**

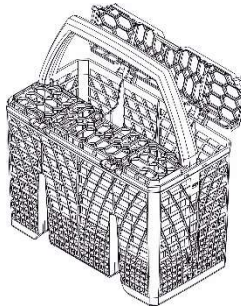


## CUTLERY BASKET

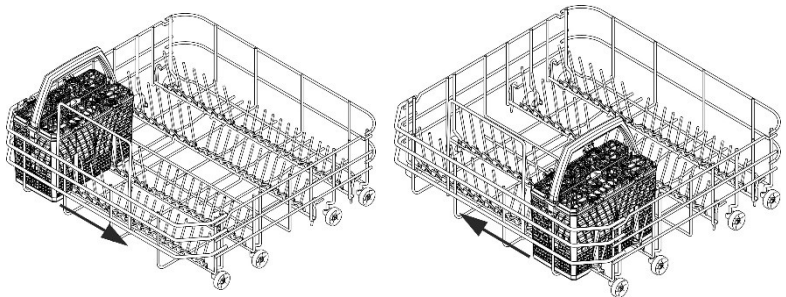
The basket is suitable for all types of cutlery, except long items that may **interfere** with the upper spray arm. The cutlery should be arranged in the spaces in the upper racks to allow the water to pass effectively between the items.

**Forks and spoons** should be positioned with the **handle facing downwards**, taking care not to injure yourself with the prongs of the forks. **Knives** should be placed in the tray on the upper rack or in the cutlery drawer, if present (depending on the model), otherwise position them with the **handles facing upwards**.

Ladles, wooden spoons and kitchen knives can be placed on the upper rack, **making sure that the blades of the knives do not protrude from the basket**. The upper racks can be opened in order to insert, for example, small items.



The cutlery basket slides across the dishwasher and can be **placed in any position** to allow optimal use of the space in the bottom basket.

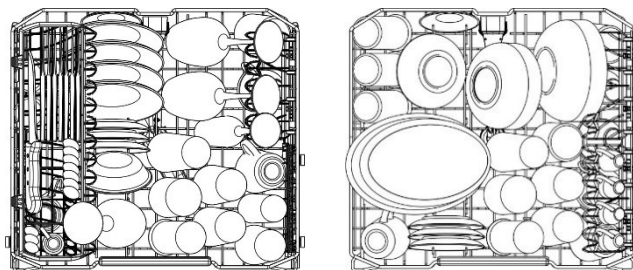


**UPPER BASKET**

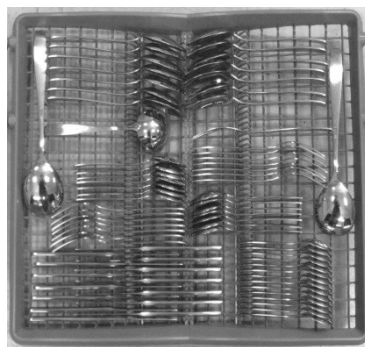
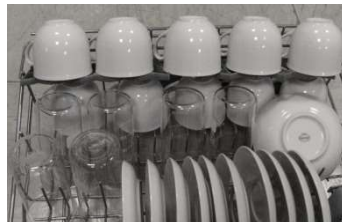
The upper basket should be loaded with small or medium-sized items such as glasses, small plates and saucers, tea or coffee cups, shallow bowls and light objects. If the upper basket is used in the lowermost position, it can also be loaded with serving dishes, provided they are only lightly soiled.

**LOADING THE UPPER BASKET**

Load plates facing forward; cups, bowls etc. must always be facing downwards. The left side of the basket can be loaded with cups and glasses on two levels. In the centre section, plates and saucers can be loaded vertically into the supports provided.

**Loading examples:**

## Examples of loading for intensive dirt:



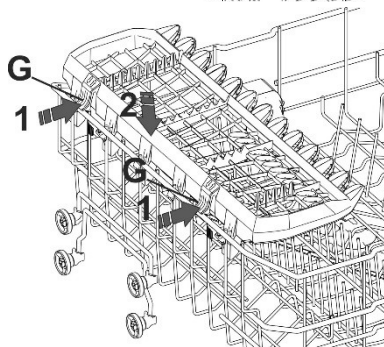
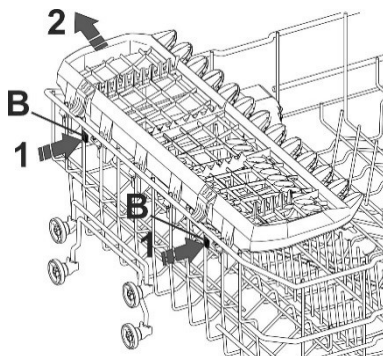
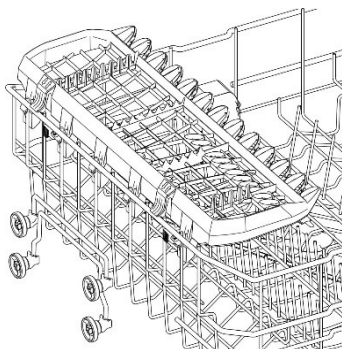


## UPPER BASKET EQUIPMENT (depending on the model)

### Cutlery tray

For knives, spoons (tea and dessert) and long objects. The ends are designed to hold long stemmed glasses.

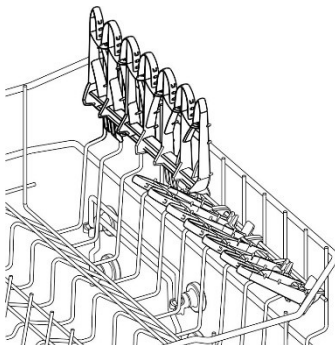
- It can be removed by pressing and pushing the release levers **(B)** at the same time.
- It has to be lowered if the upper basket is in the topmost position. Press the catches **(G)** simultaneously.



## Fold-down shelves

For mugs, cups and long objects. The ends are designed to hold long stemmed glasses

When not used they can be moved to a vertical position (until a click is heard).

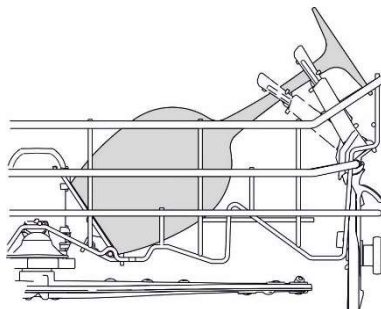
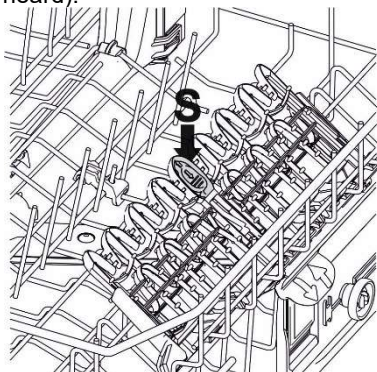


## Shelves with expandable wings

For small objects, mugs and cups.

They can be used either closed or open (pull the upper, sliding part). To close them, press the release device (S) and slide them downwards.

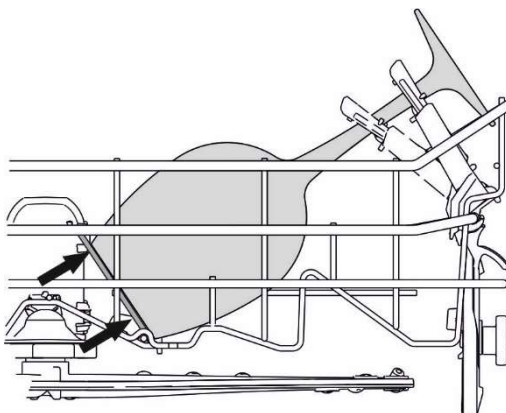
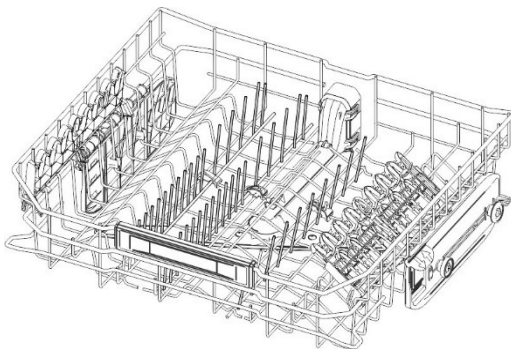
The ends are designed to hold long stemmed glasses (even when closed). When not used they can be moved to a vertical position (until a click is heard).



**Fold-down tines**

These can be secured in a vertical position, resting on the bottom of the basket if unused, or placed in an intermediate position, as required.

The single tine on the right is ideal for supporting long stemmed glasses.







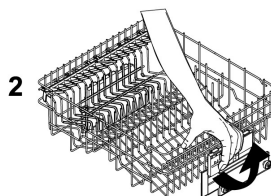
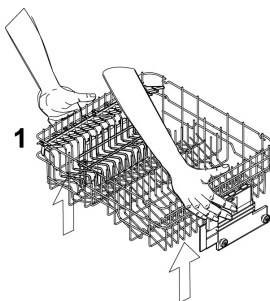
## ADJUSTING THE UPPER BASKET

The height of the top basket can be adjusted to allow large dishes or pans to be placed in the bottom basket.

With adjustment in **three positions** on both sides.

The sides of the basket **must always be set at the same height**.

- Raise the basket by pulling on the top edge **(1)**, to the first or second catch depending on the height required.
- To lower the basket, first release it by pulling the release lever **(2)**. Adjustment is also possible with the basket loaded, but in this case when lowering the basket it should be held steady with one hand to avoid knocking the dishes.





### 3. Cleaning and maintenance

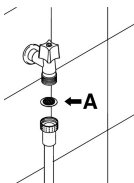


***Before carrying out any work, always unplug the appliance from the electrical supply or switch off the all-pole disconnection device.***

#### 3.1 General warnings and recommendations

**Avoid the use of acidic or abrasive detergents.**

Clean the outer surfaces and door-lining of the dishwasher regularly using a soft cloth moistened with water or with a normal detergent suitable for painted surfaces. Clean the door gaskets with a damp sponge. Periodically (once or twice a year) it is advisable to clean the tank and gaskets, using a soft cloth and water to remove any deposits.



#### CLEANING THE WATER INTAKE FILTER

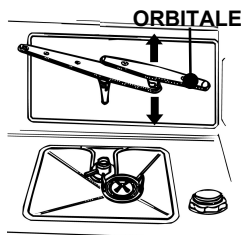
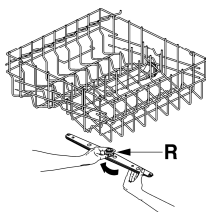
The water intake filter **A** located at the outlet of the water supply tap needs to be cleaned periodically.

After having closed the water supply tap, unscrew the end of the water intake hose, remove the filter **A** and clean it delicately under running water. Reassemble filter **A** in its seat and carefully screw the water intake hose back into position.

#### CLEANING THE SPRAY ARMS

The spray arms can be easily removed for periodic cleaning of the nozzles, to prevent possible clogging. Wash them under running water and carefully replace them in their seats, **checking that their rotary movement is in no way impeded.**

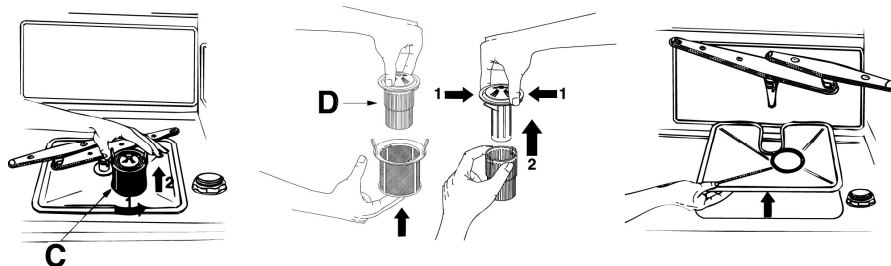
- To remove the **upper** spray arm, unscrew locking ring **R**.
- To remove the **orbital** spray arm assembly, take hold of the longer arm and pull the orbital unit upward. Wash the arms under a jet of running water and return them carefully to their seat. **After reassembly, check that the spray arms turn freely.** Otherwise, check that they have been installed correctly.





## CLEANING THE FILTER UNIT

- It is advisable to periodically inspect the centre filter **C** and, if necessary, to clean it. To remove the filter, grip the tabs, turn them anticlockwise and lift upwards;
- push the centre filter **D** from the underside to remove it from the micro-filter;
- separate the two parts which make up the plastic filter by pressing the body of the filter in the zone shown by the arrows;
- remove the centre filter by lifting it upwards.



## GENERAL WARNINGS AND RECOMMENDATIONS FOR CORRECT MAINTENANCE:

- The filters should be cleaned **under running water** using a stiff brush.
- **When removing the filter**, take care that there are no food residues on it. If any residues fall into the washing pit they might block hydraulic components, or foul the spray arm nozzles.
- It is essential to **thoroughly clean the filters** according to the above instructions: the dishwasher cannot function if the filters are clogged.
- **Carefully replace** the filters in their seats, to avoid damaging the wash pump.

## PROLONGED DISUSE:

- Run the soak program twice in succession.
- **Unplug** the power cord from the socket.
- **Leave the door slightly open**, in order to prevent the formation of unpleasant odours inside the washing tank.
- **Fill the rinse aid dispenser.**
- **Shut off the water supply tap.**

**BEFORE STARTING THE DISHWASHER AFTER PROLONGED DISUSE:**

- Check that there are no deposits of sludge or rust inside the water pipe: if there are, allow the water to run from the water supply tap for a few minutes.
- **Plug the power cord** back into the socket.
- **Reconnect the water intake hose and open the tap again.**

**TROUBLESHOOTING MINOR PROBLEMS**

*In some cases it is possible to remedy minor problems by referring to the following instructions:*

***If the program fails to start, check that:***

- the dishwasher is connected to the electrical power supply;
- there is no power failure;
- the water tap is open;
- the dishwasher door is properly closed.

***If water remains inside the dishwasher, check that:***

- the drain hose is not kinked;
- the drain siphon is not obstructed;
- the dishwasher filters are not clogged.

***If the dishes are not being cleaned properly, check that:***

- the correct amount of detergent has been added;
- there is regenerating salt inside the special container;
- the dishes are being loaded correctly;
- the selected program is suitable for the dish types and their degree of soiling;
- all the filters are clean and positioned correctly;
- the spray arm nozzles are not obstructed;
- there is no object obstructing the rotation of the spray arms.



***If the dishes fail to dry or remain dull, check that:***

- *there is rinse aid inside the special container;*
- *the rinse aid dispenser setting is correct;*
- *the detergent used is of good quality and has not lost its effectiveness (for example, through incorrect storage, with the box left open).*

***If the dishes show signs of streaking, staining, etc., check that:***

- *the rinse aid dispenser setting is not too high.*

***If there are visible traces of rust inside the tank:***

- *the tank is made of steel, and therefore any rust marks are due to external elements (fragments of rust from the water pipes, pots, cutlery, etc.). Special products are commercially available to remove such marks;*
- *check that the amount of detergent being used is correct. Certain detergents can be more corrosive than others.*
- *check that the cap of the salt container is securely closed, and that the water softening setting is correct.*



*If after following the above troubleshooting instructions the problem persists, call the nearest After-Sales Centre.*

***WARNING: any operations performed on the appliance by unauthorised persons are not covered by the warranty and shall be paid for by the user.***



## 4. Troubleshooting

The dishwasher is equipped with a self-diagnostics system that is capable of detecting and signalling a number of possible faults.

**TABLE OF FAULTS DETECTED BY THE SELF-DIAGNOSTICS SYSTEM**

FAULT	DESCRIPTION
<b>Er 01</b>	The anti-flooding system (where present) has been tripped service.
<b>Er 02</b>	The water level limitation system has tripped.
<b>Er 03</b>	The appliance cannot heat the water.
<b>Er 04</b>	The temperature sensor is disconnected.
<b>Er 05</b>	The appliance cannot take in the water.
<b>Er 06</b>	The appliance cannot drain the water from the tank.
<b>Er 07</b>	The dishwasher cannot measure the precise water quantity that has been loaded.
<b>Er 08</b>	Problem on the water distribution system to the baskets.
<b>Er 09</b>	Water intake system malfunction.
<b>Er 11</b>	Wash motor pump does not work

If an alarm occurs the appliance interrupts the program in progress and signals a fault.

- Alarms **E1**, **E2**, **E3**, **E4**, **E8** and **E9** interrupt the current program immediately.
- The **E5**, **E6** alarms interrupts the running program once the cause is resolved, it will bring back the execution of the program.
- The alarm **E7** is visualized at the end of the cycle that comes, however, brought to the end since the operation of the dishwasher is not harmed.
- **E11**: Contact the after-sales service.

To "reset" an alarm is necessary:

- Open and close the door, or turn off and on the machine. At this point is possible to program the dishwasher again.



## User instructions

EN



*If the malfunction persists, contact your authorised Service Centre.*

### TECHNICAL DATA

<b>Width</b>	597 ÷ 599 mm
<b>Depth measured flush with the outer edge of the control panel</b>	Free standing: 600 mm Semi-integrated: 570 mm
<b>Height (depending on models)</b>	Free standing: from 850 mm to 870 mm from 890 mm to 910 mm Semi-integrated: from 820 mm to 890 mm from 860 mm to 930 mm
<b>Capacity</b>	14 Standard place settings
<b>Water supply pressure</b>	min. 0,05 - max. 0,9 MPa (min. 0.5 – max. 9 bar)
<b>Electrical characteristics</b>	See rating plate