
INSTRUCTION MANUAL

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GUIDE FOR USING THE DISHWASHER AND THE WASHING PROGRAMS

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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 about the right conditions for the proper, safe use of your dishwasher.

The individual sections are laid out to provide you with a step-by-step guide to all your appliance's functions; the texts are easy to understand and are complete with detailed illustrations.

Recommendations are given for the correct use of the baskets, spray arms, containers, filters, washing programs, and for operating the controls.

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

This user-friendly manual will provide answers to all your questions about use of the dishwasher.



INSTALLATION INSTRUCTIONS: these are intended for the **qualified technician** who must carry out the installation, hook-up and testing of the appliance.



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

1. Safety and operating instructions



THIS MANUAL FORMS AN INTEGRAL PART OF THE APPLIANCE: IT MUST ALWAYS BE KEPT INTACT TOGETHER WITH THE DISHWASHER. BEFORE USING THE APPLIANCE, CAREFULLY READ ALL THE INSTRUCTIONS CONTAINED IN THIS MANUAL.

INSTALLATION MUST BE PERFORMED BY A QUALIFIED TECHNICIAN, IN COMPLIANCE WITH THE REGULATIONS IN FORCE. THIS APPLIANCE IS INTENDED FOR DOMESTIC USE AND SIMILAR APPLICATIONS SUCH AS THE STAFF KITCHENS OF SHOPS, OFFICES AND OTHER WORKPLACES, INSTITUTIONS, AND FOR THE USE OF GUESTS AT HOTELS, HOSTELS, BED AND BREAKFAST ESTABLISHMENTS AND OTHER RESIDENTIAL FACILITIES AND COMPLIES WITH **DIRECTIVES 2006/95/EC AND 2004/108/EC** CURRENTLY IN FORCE, INCLUDING THE PREVENTION AND ELIMINATION OF RADIO FREQUENCY INTERFERENCE.

THE APPLIANCE IS DESIGNED FOR THE FOLLOWING PURPOSE: **WASHING AND DRYING OF DISHES**; ANY OTHER USE SHALL BE CONSIDERED IMPROPER. **THE MANUFACTURER DECLINES ALL RESPONSIBILITY FOR USES OTHER THAN THOSE DESCRIBED ABOVE.**



THE NAME PLATE FEATURING THE TECHNICAL DATA, SERIAL NUMBER AND MARKINGS IS VISIBLY POSITIONED ON THE INNER EDGE OF THE DOOR. **THE NAME PLATE ON THE INNER EDGE OF THE DOOR MUST NEVER BE REMOVED.**



DO NOT LEAVE THE DISCARDED PACKAGING MATERIALS UNSUPERVISED WITHIN THE HOME. SEPARATE THE VARIOUS MATERIALS WHICH MAKE UP THE PACKAGING AND TAKE THEM TO THE NEAREST SORTED WASTE COLLECTION CENTRE.



THE APPLIANCE MUST BE PROVIDED WITH AN EARTH CONNECTION IN ACCORDANCE WITH THE ELECTRICAL SAFETY REGULATIONS IN FORCE. **THE MANUFACTURER DECLINES ALL RESPONSIBILITY FOR DAMAGE TO PERSONS OR PROPERTY RESULTING FROM THE FAILURE TO EARTH THE APPLIANCE OR FROM A DEFECTIVE EARTH CONNECTION.**



IF THE APPLIANCE IS INSTALLED ON A CARPETED OR COVERED FLOOR, ENSURE THAT THE OPENINGS ON ITS UNDERSIDE ARE NOT OBSTRUCTED.

ALWAYS SWITCH OFF THE DISHWASHER AFTER EACH USE TO AVOID WASTING ELECTRICITY.

IN THE EVENT OF A FAULT, DISCONNECT THE DISHWASHER FROM THE ELECTRICAL POWER SUPPLY AND SHUT OFF THE WATER TAP.



DO NOT USE STEAM CLEANERS TO CLEAN THE 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.




OBSELETE APPLIANCES MUST BE RENDERED UNUSABLE. CUT OFF THE MAINS POWER CORD AFTER UNPLUGGING IT FROM THE WALL OUTLET, AND MAKE SAFE ANY COMPONENTS WHICH MIGHT BE DANGEROUS FOR CHILDREN (LOCKS, DOORS, ETC.).



THIS APPLIANCE IS MARKED ACCORDING TO THE **EUROPEAN DIRECTIVE 2002/96/EC** ON WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE).

BY ENSURING THIS PRODUCT IS DISPOSED OF CORRECTLY, YOU WILL HELP PREVENT POTENTIAL NEGATIVE CONSEQUENCES FOR THE ENVIRONMENT AND HUMAN HEALTH, WHICH COULD OTHERWISE BE CAUSED BY INAPPROPRIATE WASTE HANDLING OF THIS PRODUCT.



THE SYMBOL  ON THE PRODUCT, OR ON THE DOCUMENTS ACCOMPANYING THE PRODUCT, INDICATES THAT THIS APPLIANCE MAY NOT BE TREATED AS HOUSEHOLD WASTE. INSTEAD IT SHALL BE HANDED OVER TO THE APPLICABLE COLLECTION POINT FOR THE RECYCLING OF ELECTRICAL AND ELECTRONIC EQUIPMENT.

DISPOSAL MUST BE CARRIED OUT IN ACCORDANCE WITH LOCAL ENVIRONMENTAL REGULATIONS FOR WASTE DISPOSAL. FOR MORE DETAILED INFORMATION ABOUT TREATMENT, RECOVERY AND RECYCLING OF THIS PRODUCT, PLEASE CONTACT YOUR LOCAL CITY OFFICE, YOUR HOUSEHOLD WASTE DISPOSAL SERVICE OR THE SHOP WHERE YOU PURCHASED THE PRODUCT.



DO NOT USE APPLIANCES WHICH HAVE BEEN DAMAGED DURING TRANSIT! IF IN DOUBT, CONSULT YOUR DEALER. THE APPLIANCE MUST BE INSTALLED AND CONNECTED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER OR BY A QUALIFIED TECHNICIAN.



THIS DISHWASHER MUST BE USED BY ADULTS. USE BY PERSONS WITH REDUCED MENTAL AND/OR PHYSICAL CAPABILITIES IS ONLY PERMITTED UNDER THE SUPERVISION OF A PERSON RESPONSIBLE FOR THEIR SAFETY.

KEEP CHILDREN AWAY FROM DETERGENTS AND PACKAGING MATERIALS (PLASTIC BAGS, POLYSTYRENE, ETC.), AND NEVER ALLOW THEM TO APPROACH OR PLAY WITH THE DISHWASHER, SINCE IT MIGHT CONTAIN DETERGENT RESIDUES CAPABLE OF CAUSING PERMANENT DAMAGE TO THE EYES, MOUTH AND THROAT, AND EVEN LEADING TO SUFFOCATION.



DO NOT INTRODUCE SOLVENTS SUCH AS ALCOHOL OR TURPENTINE WHICH MAY CAUSE AN EXPLOSION.

DO NOT LOAD DISHES THAT ARE SOILED WITH ASH, WAX OR PAINTS.



DO NOT DRINK THE WATER RESIDUES WHICH MAY BE PRESENT INSIDE THE DISHES OR DISHWASHER AT THE END OF THE WASHING PROGRAM AND BEFORE THE DRYING CYCLE.



LEANING OR SITTING ON THE DISHWASHER DOOR WHEN OPEN MAY CAUSE THE APPLIANCE TO OVERTURN, PUTTING PEOPLE AT RISK. NEVER LEAVE THE DISHWASHER DOOR OPEN; PEOPLE MIGHT TRIP OVER IT.



KNIVES OR OTHER SHARP-ENDED COOKING UTENSILS MUST BE PLACED IN THE CUTLERY BASKET BLADE-DOWN, OR LAID HORIZONTAL IN THE TOP BASKET. TAKE CARE NOT TO CUT YOURSELF AND ENSURE THAT THEY DO NOT PROJECT FROM THE BASKET.



AQUASTOP MODELS

THE AQUASTOP DEVICE PREVENTS FLOODING IN THE EVENT OF A WATER LEAK. WHEN THE AQUASTOP DEVICE IS TRIPPED, CALL IN A QUALIFIED TECHNICIAN TO IDENTIFY AND REPAIR THE FAULT. IN MODELS EQUIPPED WITH THE AQUASTOP DEVICE, THERE IS A SOLENOID VALVE INSIDE THE WATER INTAKE HOSE. **DO NOT CUT THE HOSE AND DO NOT ALLOW THE SOLENOID VALVE TO DROP INTO WATER.** IN THE EVENT OF DAMAGE TO THE WATER INTAKE HOSE, DISCONNECT THE APPLIANCE FROM THE ELECTRICAL POWER SUPPLY AND FROM THE WATER SUPPLY.



MODELS WITH INTERNAL LIGHTING

THE APPLIANCE'S LIGHTING SYSTEM BELONGS TO RISK GROUP 1 UNDER THE IEC/EN 62471 STANDARD. THIS MEANS THAT THERE IS NO PHOTOBIOLOGICAL RISK IN NORMAL CONDITIONS OF USE.



IMMEDIATELY AFTER INSTALLING THE DISHWASHER, PERFORM A QUICK TEST OF THE APPLIANCE FOLLOWING THE INSTRUCTIONS BELOW. IF THE DISHWASHER FAILS TO OPERATE CORRECTLY, DISCONNECT IT FROM THE ELECTRICAL POWER SUPPLY AND CALL THE NEAREST TECHNICAL SERVICE CENTRE. **DO NOT ATTEMPT TO REPAIR THE APPLIANCE.**



THE DISHWASHER MEETS ALL THE REQUIREMENTS SET OUT BY THE REGULATIONS IN FORCE CONCERNING SAFETY AND ELECTRICAL EQUIPMENT. ANY TECHNICAL CHECKS SHOULD BE CONDUCTED EXCLUSIVELY BY A TRAINED AND AUTHORISED TECHNICIAN: **REPAIRS CARRIED OUT BY UNAUTHORISED PERSONS WILL INVALIDATE THE WARRANTY, AS WELL AS POSING A POTENTIAL HAZARD TO THE USER.**

The manufacturer declines all responsibility for damage to persons or property resulting from failure to observe the above precautions, from tampering with even a single component of the appliance, or from the use of non original spare parts.



2. Installation and hook-up

Remove the polystyrene basket retainers.

Position the appliance in the desired place of installation. The back or sides of the dishwasher may be placed up against walls or other furniture units. If the dishwasher is installed near a heat source, fit the special insulating panel to prevent overheating and malfunction of the appliance. To ensure stability, install integrated or built-under dishwashers only under continuous worktops, and screw them to the adjacent units. To facilitate the installation procedure, the intake and drain hoses can be positioned in any direction; make sure that the hoses are not kinked, crushed or pulled too tightly. Make sure to tighten the locking ring-nut once the pipes have been placed in the direction required. A hole at least 8 cm in diameter is required to allow the power supply cable and pipes to pass. Before putting the dishwasher into its definitive position, turn on the water tap and check that there are no leaks from the tap connection, the dishwasher connection or the hose.



Level the appliance on the floor using its adjustable feet. This operation is essential for ensuring correct operation of the dishwasher.



Some models are equipped with only one adjustable foot at the rear, which can be adjusted by turning the screw on the lower front part of the appliance.



*Building-in a dishwasher underneath a hob is **absolutely forbidden**.*

Moreover, dishwashers may not be installed directly touching appliances which are not conventional built-in kitchen appliances (e.g. fireplaces, stoves, etc.).

When installing the dishwasher in a compartment next to one or more other appliances, it is essential to comply with all the recommendations provided by the appliance's manufacturer (minimum distances, installation procedures, etc.).

For free-standing models only:

- Installing a hob on top of a free-standing dishwasher is **absolutely forbidden**.
- If the appliance is not built-in and is therefore accessible on one side, the door hinge area must be covered for safety reasons (injury hazard). The covering fixtures are available as an accessory from specialist dealers or the After-Sales Service.
- To build in the dishwasher, the **special kit** must be purchased from authorised dealers or the After-Sales Service.



2.1 Water supply connection



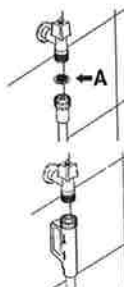
Preventing the risk of clogging or damage: if the water pipe is new or has not been used for a long time, before connecting to the water supply check that the water is clear and free of impurities, to prevent damage to the appliance.

The dishwasher must always be connected to the water system with new hoses; old or used hoses must never be reused.

CONNECTING TO THE WATER SUPPLY

Connect the intake hose to a cold water supply with $\frac{3}{4}$ " gas thread, inserting the filter **A** supplied with the dishwasher. **Take care to screw the hose firmly into place with your hands and then complete by tightening about $\frac{1}{4}$ of a turn with pliers.**

In dishwashers equipped with the ACQUASTOP device, the filters is already fitted inside the threaded ring.

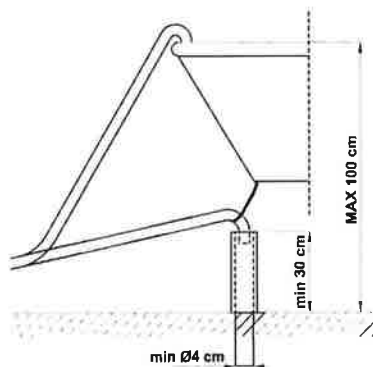


The dishwasher can also be connected to a hot water supply **not exceeding 60°C**. Supplying the appliance with hot water cuts down the washing time by approximately 20 minutes, but slightly reduces its effectiveness. Make the connection to the domestic hot water supply using the same procedure described for connecting to the cold water supply.



DRAIN CONNECTION

Insert the dishwasher's drain hose into a drain pipe having a diameter of at least **4 cm**, or alternatively, place it inside the kitchen sink using the plastic support provided, taking care not to crush or excessively bend the hose. It is important to prevent the hose from coming loose and falling. For this purpose, the plastic support is equipped with a hole for tying it to the wall or water tap.



The free end should be positioned at a height of between **30 and 100 cm**, and should never be submerged in water. If a horizontal drain extension hose is used (for a maximum of 3 m) the drain hose can be placed at a maximum height of **85 cm** from the ground.

Class of protection against moisture: IPX0



2.2 Electrical connection and precautions



CHECK THAT THE VOLTAGE AND THE FREQUENCY OF THE MAINS MATCH THE RATINGS ON THE NAME PLATE OF THE APPLIANCE POSITIONED ON THE INNER EDGE OF THE DOOR.



THE PLUG ON THE SUPPLY CORD AND THE CORRESPONDING SOCKET OUTLET MUST BE OF THE SAME TYPE AND MEET THE REGULATIONS IN FORCE.

THE PLUG MUST BE ACCESSIBLE AFTER INSTALLATION.

NEVER DISCONNECT THE PLUG BY PULLING ON THE POWER SUPPLY LEAD.



AFTER CHANGING THE SUPPLY CORD, MAKE SURE THAT THE **BRACKET** WHICH SECURES THE CORD IS FIXED SECURELY IN PLACE.



DO NOT USE ADAPTORS OR SHUNT CONNECTIONS IN ORDER TO AVOID THE POSSIBILITY OF OVERHEATING OR BURNING.



In the event of damage to the supply cord, have it replaced by the manufacturer or an Authorized Technical Service Centre in order to avoid any risk.



Some components are live even with the ON/OFF button in the OFF position. Before maintenance work on the appliance, remove the plug or turn off the power supply at the wall switch.

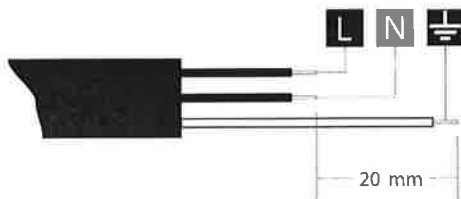
IF THE APPLIANCE IS PROVIDED WITH A PLUGLESS SUPPLY CORD:



AN OMNIPOLAR CIRCUIT BREAKER IN OVERVOLTAGE PROTECTION CLASS III MUST BE INSTALLED IN AN EASILY ACCESSIBLE POSITION ON THE POWER SUPPLY LINE.



THE CONNECTION TO THE MAINS MUST BE CARRIED OUT BY A **QUALIFIED TECHNICIAN** IN ACCORDANCE TO THE SCHEME SHOWN BELOW AND THE REGULATIONS IN FORCE.



L = brown
 N = blue
 ⊕ = yellow-green



Class of protection against electric shock: I

FOR GREAT BRITAIN ONLY:

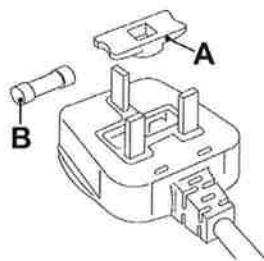


THIS APPLIANCE MUST BE EARTHED.

Fuse replacement

If the mains lead of this appliance is fitted with a **BS 1363A 13amp** fused plug, to change a fuse in this type of plug use an **A.S.T.A.** approved fuse to **BS 1362** type and proceed as follows:

1. Remove the fuse cover **A** and fuse **B**.
2. Fit replacement 13A fuse into fuse cover.
3. Refit both into plug.



The fuse cover must be refitted when changing a fuse and if the fuse cover is lost the plug must not be used until a correct replacement is fitted.

Correct replacement are identified by the colour insert or the colour embossed in words on the base of the plug.

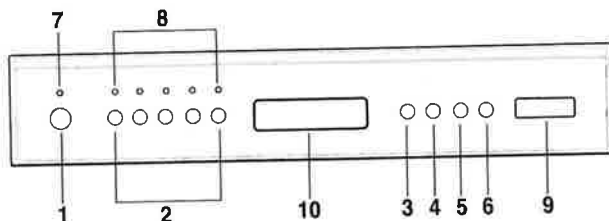
Replacement fuse covers are available from your local electrical store.



3. Description of the controls

3.1 Front panel

All the dishwasher controls are grouped on the front panel.



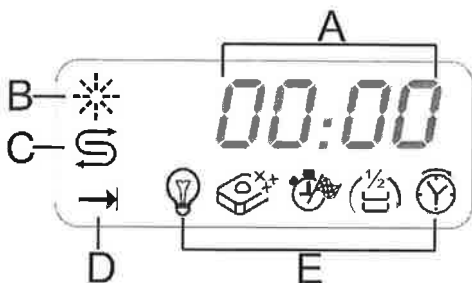
- 1 **ON/OFF BUTTON**
- 2 **SELECTION PROGRAM BUTTONS (P1...P5)**
- 3 **OPTION SELECTION BUTTON**
- 4 **CONFIRM OPTIONS BUTTON**
- 5 **DELAY PROGRAM BUTTON**
- 6 **START/PAUSE BUTTON**
- 7 **POWER ON LIGHT**
- 8 **PROGRAMS INDICATOR LIGHTS**
- 9 **INFORMATION DISPLAY**
- 10 **RECESSED DOOR HANDLE**

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



3.2 Information display

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








- A** 4-FIGURE DISPLAY
- B** RINSE AID **WARNING LIGHT** (on some models only)
- C** SALT **WARNING LIGHT** (operates only on some models)
- D** **START/PAUSE** BUTTON
- E** **OPTIONS** LIGHT

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	DURATION	CONSUMPTION	
				MINUTES (1)	POWER KWh (1)
 1 SOAK	Pans and dishes awaiting completion of the load	Cold prewash	15	3,5	0,02
 2 NORMAL ECO (*)	Crockery and cutlery normally soiled	Cold prewash Wash at 49°C Rinse at 40°C Dry	140	9,8	0,65
 3 ECO Eco	Dishes with normal dirt, even with dried-on residues	Wash at 55°C Cold rinse Rinse at 70°C Dry	100	11	1,3
 4 AUTO 45-65 Auto 45°-65°	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.			
 5 SUPER	Very dirty pans and dishes, even with dried-on residues.	Hot prewash Wash at 70°C Cold rinse (2) Rinse at 70°C Dry	135	15,5	1,60

* Reference program as per **AS/NZS 2007**.

During the comparative tests the dishwasher shall to be setted as follow:

- **ENERSAVE option** (if present) **DISABLED**
- **At the end of the cycle the door must be opened about 15 cm.**

Only run the soak program with partial loads.

- (1) The cycle duration and power consumption may vary according to the water and room temperatures, and the type and amount of dishes.
- (2) 1 or 2 cold rinses depending on the model.


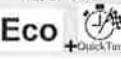




If the dishwasher door is open or not properly closed, the washing cycle will not start.



QUICK TIME PROGRAMS (see relevant section for explanation of functioning modes)

The **ENERSAVE** option cannot be used with **soak**, or **quick time** programs.

PROGRAMME NUMBER E SYMBOL	LOAD CROCKERY AND CUTLERY	PROGRAM PROGRESS	DURATION	CONSUMPTION	
			MINUTI (1)	WATER LITRES	POWER KWh (1)
6 RAPID 27' 	Dishes with light dirt, washed immediately after use	Wash at 38°C Rinse at 50°C	27	6,5	0,70
7 ECO QUICK Eco 	Dishes with normal dirt, washed immediately after use.	Cold prewash Wash at 60°C Cold rinse Rinse at 70°C	80	12,5	1,25
8 NORMAL QUICK Auto 45°-65° 	Dishes with normal dirt, washed immediately after use	Cold prewash Wash at 70°C Cold rinse Rinse at 70°C	95	12,5	1,35
9 STRONG and FAST 	Mixed dishes with normal dirt without dried-on residues.	Wash at 65°C Cold rinse Rinse at 70°C	55	9,5	1,35

- (1) The cycle duration and power consumption may vary according to the water and room temperatures, and the type and amount of dishes.



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



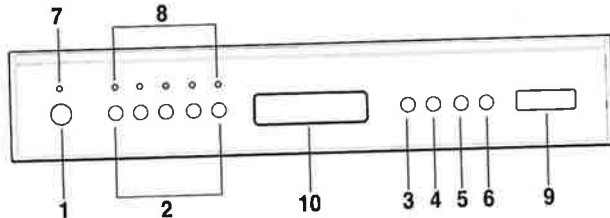
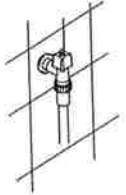
3.3 Washing programs

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 lit up the relative pilot light to confirm that the operation did occurred on the **DISPLAY** will appear a program duration forecasting ("h.mm").



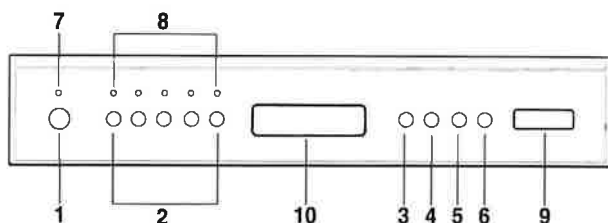
START PROGRAM

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:

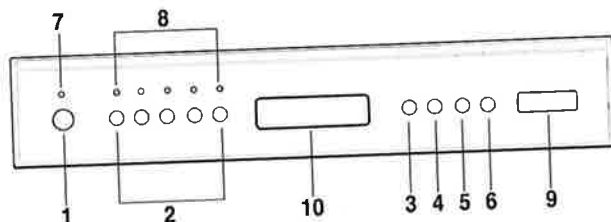
- to interrupt the running program (see “**INTERRUPTING A PROGRAM**”);
- select the new program;
- to press again the **START/PAUSE** button  to make start the new program.



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 same 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 begun.



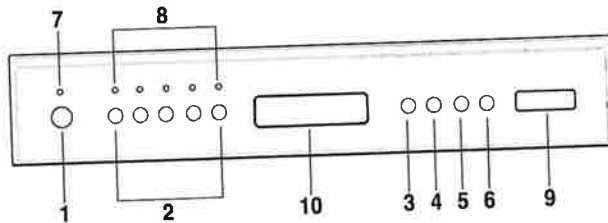
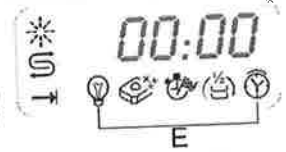
OPTIONS (available in all programs except the soak program)

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.

QUICK TIME PROGRAMS



QuickTime

Select this option together with any washing program (except the soak program) to **SHORTEN** the cycle. To activate this option, press button (light comes on) after selecting the program required. The option is automatically deactivated at the end of the program.



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

"Flexi Tabs" (on some models only)

The option is optimised for use of detergents which are complete with salt and rinse aid, known on the market as, "triple action", etc. With this option activated, any salt and rinse aid If you wish to use detergents which already contain salt and rinse aid already in the dishwasher will not be used.

With short programs, because there is less time for them to dissolve, tablets may fail to wash effectively and undissolved residues may be left. Powder detergents are more suitable for these programs.

- **N.B.:** even with the "Flexi Tabs" option selected, the regenerating salt/rinse aid lights will still stay on if their containers are empty.

IMPORTANT: when no longer required, the option must be **disabled** (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. This 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.



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.



4. Operating instructions

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

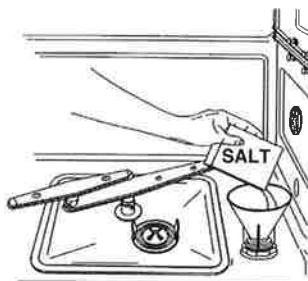
- Adjust the water softening system; (present only on some models)
- Add the regenerating salt; (only on some models)
- Add the rinse aid and detergent.

4.1 Using the water softening system (only on some models)



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 **1.7 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**.*



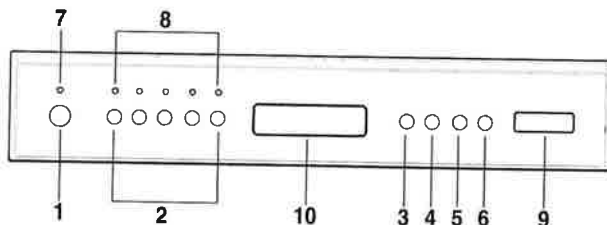
- **Do not use table salt** as it contains insoluble substances which over time, may damage the water softening system.
- When necessary, refill the regenerating salt container **before starting the washing program**. In this way, the excess salting solution will be immediately removed by the water;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

ADDITIONAL FUNCTIONS (Customizing the consumer parameters) (available in all programs except the soak program)

The electronic control system allows personalizing the machine use directly through a programming procedure not directly accessible that allows: regulate water hardness level.



To access the programming environment, the **appliance must be turned on with the door open**. 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, H6**);

N.B.: after few seconds the appliance exits the parameter setting menu automatically.



WATER HARDNESS TABLE

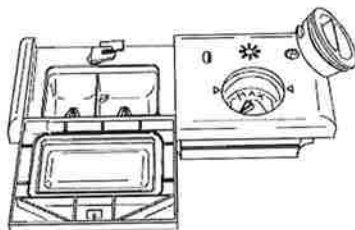
WATER HARDNESS		SETTING
German degrees (°H)	French Degrees (°F)	
0 - 6	0 - 11	H 0 NO SALT
7 - 10	12 - 18	H 1
11 - 15	19 - 27	H 2
16 - 21	28 - 37	H 3
22 - 28	38 - 50	H 4
29 - 35	51 - 62	H 5
36 - 50	63 - 90	H 6

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

After adjustment or display of the current setting, simply do not touch the button for a few seconds; the dishwasher will automatically return to standard mode, quitting the adjustment mode.

4.2 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.

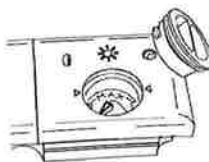


With the exception of the **SOAK** program, before every washing cycle it is necessary to add the required amount of detergent to the **detergent dispenser**. The rinse aid, on the other hand, should only be added as required.



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 door.
- Rotate the container cap anticlockwise by $\frac{1}{4}$ of a turn and remove it.
- Add the rinse aid until the container is full (approximately 140 cc). The optical level indicator on the side of the cap should be completely obscured. Refill the rinse aid when the optical level indicator becomes clear again, or when the rinse aid warning light illuminates.
- Replace the cover and turn it in a clockwise direction.
- Use a cloth to remove any spillage of rinse aid which might lead to the formation of excess foam.

ADJUSTING THE RINSE AID DISPENSER SETTING

The dishwasher is factory set for medium water hardness. However, it is possible to change the setting by turning the dispenser's selector to the desired position: the amount of rinse aid dispensed is proportional to the selector position.

- To adjust the rinse aid setting, rotate the dispenser cap through a quarter turn in an anticlockwise direction and remove it.
- Then use a screwdriver to rotate the rinse aid selector to the desired position.
- Replace the cap, turning it clockwise.
- *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.*

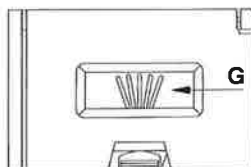
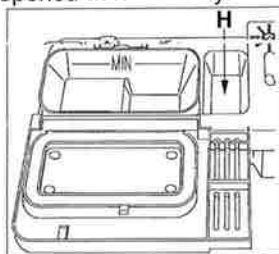




ADDING THE DETERGENT

To open the detergent dispenser cap, lightly press the button **P**. Add the detergent and close the cap carefully.

During the washing cycle, the dispenser will be opened automatically.



- 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. For optimal washing results it is important to use a good quality detergent.
- 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 formulated for washing dishes by hand, because they produce a great deal of foam and may negatively 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.
- The market offers liquid and powder detergents with differing chemical compositions, which may contain **phosphates**, or be phosphate-free but contain **natural enzymes**.
 - Detergents containing **phosphates** are more effective against grease and starch at **temperatures above 60°C**.
 - **Enzyme** detergents, on the other hand, are also effective at lower temperatures (from **40 to 55°C**) and are more easily biodegradable. With enzyme detergents it is possible to obtain at low temperatures comparable results to those which can only be achieved at **65°C** using traditional detergents.

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.

4.3 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.



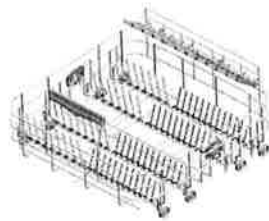
4.4 Using the baskets

The dishwasher has a capacity of **15 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.

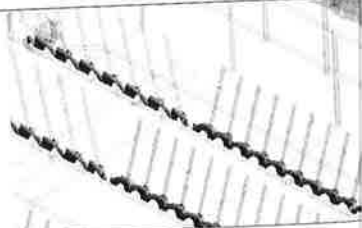


Depending on the models, the basket may be equipped with some or all of the following accessories:

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.

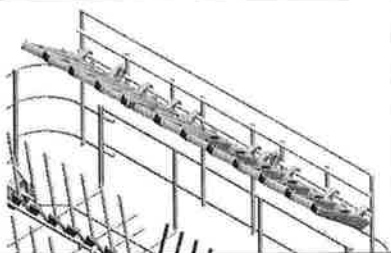


Anti-drip inserts which improve the drying of dishes. They may be supplied fitted on the basket or in the accessories bag; in this case, to use them, simply fit them into place as shown.

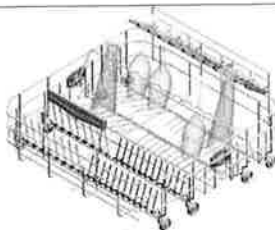




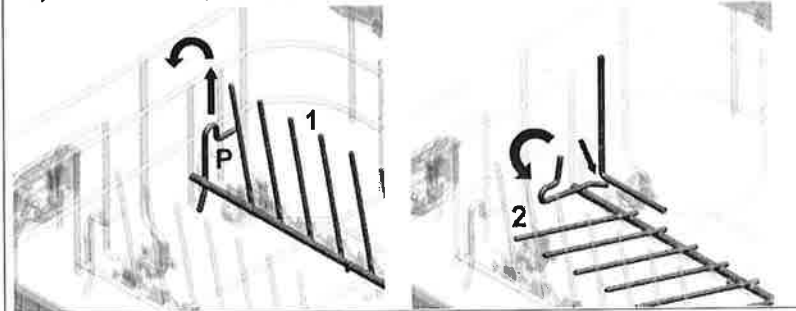
Supports for cups and long objects (ladles, spoons, etc.), in the rear; can be tipped to the vertical position when not in use.



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

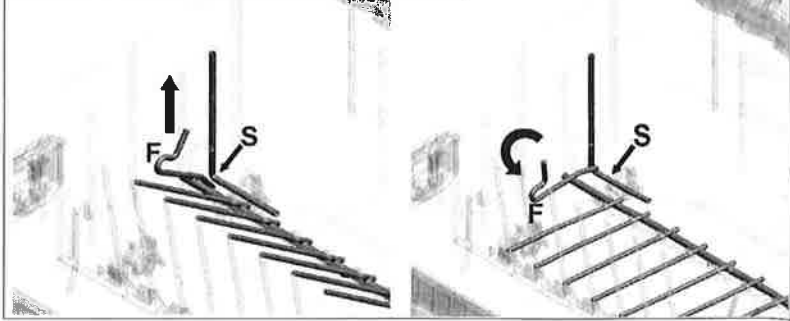


2-position fold-down supports (1-2). In position **1** (vertical) they can be used to take plates, while in position **2** (slanted) they provide support for long-stem glasses which will be held in place by the **glass holder**. Adjustment: raise point **P** as shown until the support turns into position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





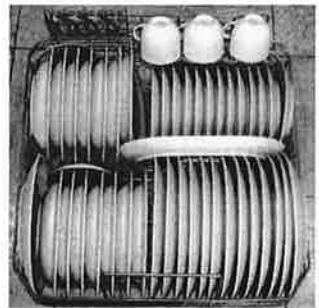
To lie completely flat, lift the end and turn it towards you so that the retainer **F** rotates into place above point **S**.



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 (on some models only)

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**

