



IT

## **LAVASTOVIGLIE**

*Manuale uso e manutenzione*

GB

## **DISHWASHER**

*Use and maintenance handbook*

FR

## **LAVE-VAISSELLE**

*Livret d'instructions et d'entretien*

DE

## **GESCHIRRSPÜLAUTOMAT**

*Bedienungs- und Wartungshandbuch*

ES

## **LAVAVAJILLAS**

*Manual de uso y manutención*

PT

## **MAQUINA DE LAVAR PRATOS**

*Manual de uso e manutenção*

NL

## **AFWASAUTOMAAT**

*Handleiding gebruik en onderhoud*

# **1 BEFORE USING THE APPLIANCE**

## **1.1 SAFETY INSTRUCTIONS**

### **Norms and regulations to be respected**

- The dishwasher may only be used to clean household dishes. If the appliance is used for other purposes or in a wrong manner, the manufacturer declines all responsibilities for possible damages.
- For safety reasons, no modifications must be carried out on the appliance.
- Before connecting the appliance to the electric power supply system, check that the power supply at the place of installation is compatible with the electric data indicated on the data tag.
- The installation must be carried out by qualified personnel.

### **Before running the appliance for the first time**

- Make sure the dishwasher was not damaged during transport. Do not hook up the appliance if there is any damage. In case of damage, contact the vendor.

### **For the safety of children**

- The appliance is not intended for use by young children or infirm persons without supervision, to make sure besides that it is not used as a game by the children.
- Warning: dishwasher detergents are strongly alkaline, they can be extremely dangerous if swallowed. Avoid contact with 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.
- Detergents can cause permanent damage to eyes, mouth and throat.  
**They should therefore be kept outside the reach of children.**
- The water in the dishwasher is not drinkable. Any residues of detergent in the appliance constitute a source of danger for children. They must therefore be kept away from the open dishwasher.

### **Daily use**

- Do not turn on the dishwasher if the electric cable, or the water supply or water drainage pipes are damaged, or if the control board, the work surface or the base are in very bad condition.
- In case of a malfunction, shut off the water supply, then turn off the appliance and pull the electric plug from the outlet. If there is a permanent electric connection, turn off the service switch (if present) or remove the fuse (or fuses).
- To remove the plug from the electric outlet, hold the plug itself and pull; never pull the cable.
- All repairs of the dishwasher must be carried out by specialised personnel. Inappropriate repairs can create a severe danger for the user. For repairs, you should therefore contact our technical customer assistance service or a specialised vendor.
- The replacement of the supply cable must be carried out only by the technical service staff.
- If the pipes and tubes are deteriorated, substitute them with new original parts before hooking up the appliance.
- Do not use detergent substances that could lead to an explosion.
- Do not sit or lean on the open door. The appliance might otherwise tilt over.
- Before adding special dishwasher salt, detergent and rinse aid, make sure that the manufacturer of these substances recommends their use for household dishwashers.
- Always shut off the water supply when the dishwasher is not in use for longer periods of time, e.g., during your vacations.



*When loading and unloading the dishwasher, it must be left open for short periods of time only, in order to prevent injuries (tripping over the door, for example).*

## 2 UNPACKING – DISPOSAL

### 2.1 UNPACKING

Remove the external plastic packaging material, the corner re-enforcements, and the styrofoam base. Open the door and remove the styrofoam blocks from the inside baskets.

Collect and recycle the packaging materials. This will preserve primary materials and help reduce the amount of waste.

Take the packaging materials to specialised recycling centres .

When the appliance eventually has to be disposed of, it should be made non-functional before eliminating it.



**Attention! Some packaging materials (e.g., plastic bags, styrofoam) can be dangerous for children. Children should therefore be kept away from them.**

### 2.2 FINAL DISPOSAL OF APPLIANCE

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.

At the end of its life span, the appliance must be eliminated by a specialised company, respecting all existing laws and regulations.

This will make it possible to dispose of the old appliance while at the same time recuperating and sorting synthetic materials that are fit for recycling, thus contributing to the protection of the environment.

## 3 GENERAL ADVICE

### 3.1 WASHING DISHES IN AN ECONOMIC AND ECOLOGICAL WAY

- Don't rinse your dishes under running water before placing them in the dishwasher
- Run the appliance only when it is full, because only like this the process becomes economical and respects the environment.
- Always choose a programme that is adequate for the kind of dishes you want to wash and that corresponds to how dirty they are
- You should avoid to use too much detergent, dishwasher salt, and rinse aid. Refer to the dosages recommended in the usage instructions provided by the manufacturers of these substances.
- Make sure that the water softness regulator is set correctly.

### 3.2 DISHES NOT TO BE WASHED IN THE DISHWASHER

You must not wash in this appliance:

- Cutting boards or small containers in wood
- Plastic objects that are not heat resistant
- Lead crystal
- Objects made from tin or copper
- Dishes or cutlery with glued components
- Old cutlery with heat sensitive glue
- Steel objects that are oxidised easily
- Cutlery with handles in wood, horn, antler, porcelain, or mother of pearl.



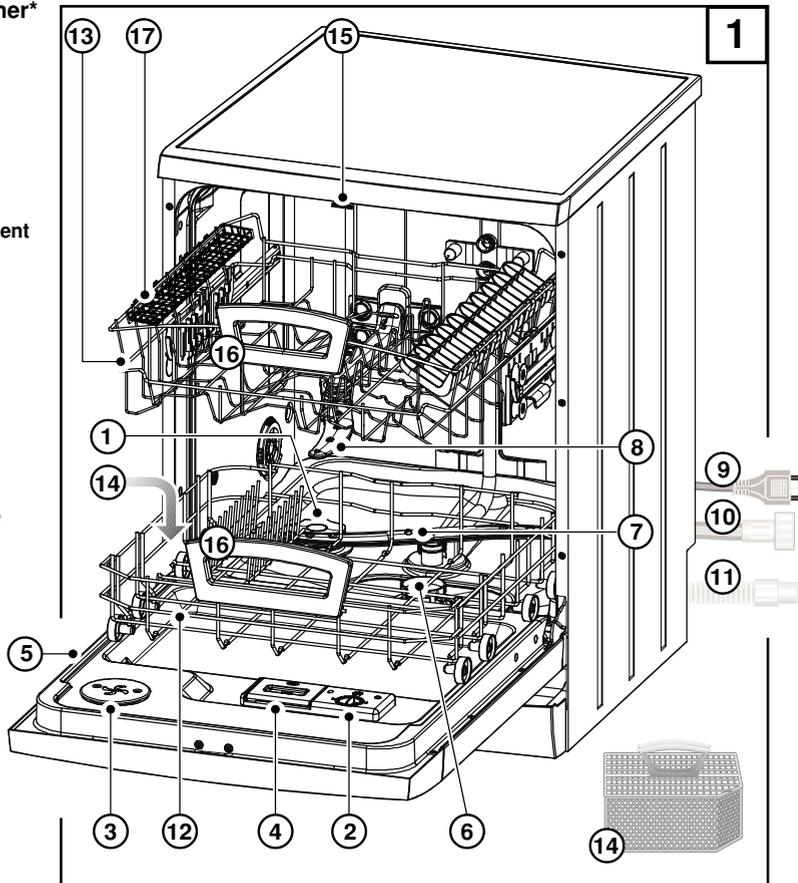
**When purchasing dishes, cutlery, or glasses, make sure that they are dishwasher resistant.**

# 4 DESCRIPTION OF THE APPLIANCE

## 4.1 GENERAL PARTS

Parts of the dishwasher\*

- 1) salt container
- 2) rinse aid container
- 3) drying ventilator (if included)
- 4) container for detergent
- 5) data tag
- 6) filters
- 7) lower spray-rotor
- 8) upper spray-rotor
- 9) electric cable
- 10) water supply tube
- 11) water drainage tube
- 12) lower basket
- 13) upper basket
- 14) cutlery container
- 15) hook for door closing mechanism
- 16) Drum handles (if provided)
- 17) Long knives basket (if provided)



\* Details may differ depending on model and market!

## 4.2 TECHNICAL DATA

capacity (standard settings): 14  
 pressure of water supply system  
 minimum pressure: 0.05 Mpa  
 maximum pressure: 1 Mpa

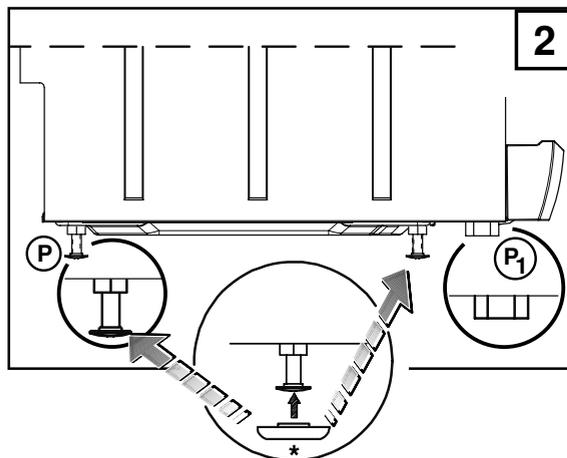


**Attention:** the necessary characteristics of the electric supply grid are indicated on the data tag.

0,05 - 1MPa	Model. ....	
.....A MAX .....W	.....	
.....V.....Hz Made in EU		

# 5 INSTALLATION

## 5.1 LEVELLING



\* N.B. Supplied in the document wallet.  
Install before levelling.

Place the appliance in the spot where you want to install it. Use feet **P** (unscrew or screw in) to regulate (if necessary) the height of each foot to assure that the appliance is in a fully level position.

**N.B. Lock the feet with the nuts.**

**Only in models with six feet (free-standing machine)**

After the steel feet have been adjusted, screw down the two plastic **P1** feet tightly against the floor. The plastic feet now work as anti-tilt protection.

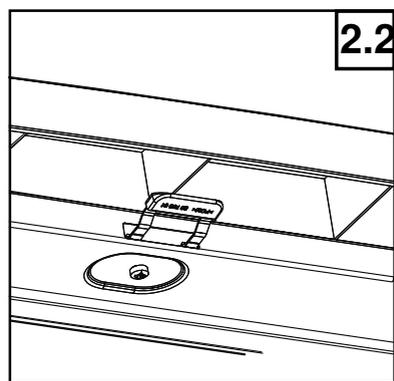
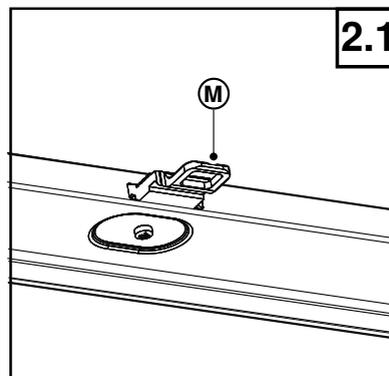
If the appliance is positioned in a level position, its correct functioning is assured.

Maximum error = 2 degrees

After levelling the appliance, regulate the hook of the door closing mechanism, to assure that the door closes perfectly.

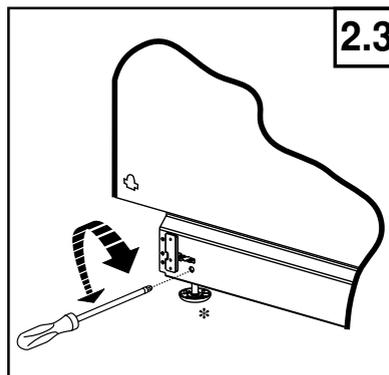
In order to obtain a perfect seal adjust the door (**Fig. 2.1 "M"**) locking device but only after having levelled the machine in its final installation position.

N.B. In versions like (**fig. 2.2**), the door closing catch "**M**" is not adjustable.



## 5.2 ADJUSTING DISHWASHERS WITH ADJUSTABLE FOOT (not inclusive in all the models)

1. Start by measuring the height from the floor to the underside of the work surface.
2. Install the sliding feet on the dishwasher (\*).
3. Measure the height from the floor to the top edge of the dishwasher.
4. Tilt the dishwasher forward a fraction and roughly adjust the rear foot by screwing the set screw at the front clockwise to raise or anti-clockwise to lower (illustrated below). Use a broad screwdriver or a hexagonal head screwdriver.
5. Adjust the front feet by turning them clock-wise to raise or anti-clockwise to lower.
6. Check that the height of the machine corresponds to the height from the floor to the underside of the work surface.
7. Push the dishwasher into place.
8. Finely adjust the feet (the machine may lean max. 5 mm) and tighten the locking nuts on the front feet.

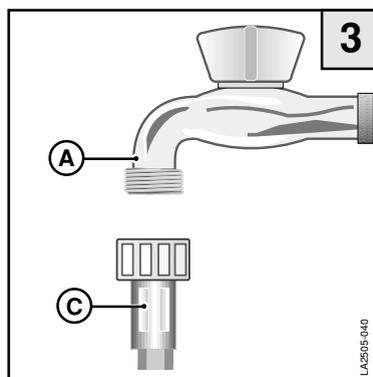


### 5.3 WATER CONNECTION

The water supply tube **C**, which accompanies the dishwasher, makes it possible to connect the appliance to a water tap with a 3/4" attachment.

During the installation, the following instructions must be followed:

- Attach tube **C** to the cold water tap **A**.
- If the tube is being attached to new pipes that have not been used for a long time, you should let the water run for some time before attaching the tube in order to make sure that dirt and rust residues are eliminated.
- Make sure that the water pressure corresponds to the range indicated on the data tag.  
The appliance may be connected to the cold water system. It must not be connected to the hot water system.
- **The appliance is to be connected to the water mains using new hose sets and that old hose sets should not be reused.**



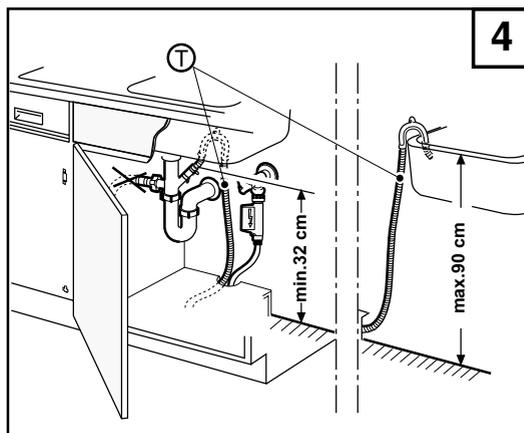
### 5.4 CONNECTION OF DRAINAGE WATER

The curved end of drainage tube **T**, which is being supplied with your appliance, should be hooked onto the edge of a sink or into a drainage pipe.

A special siphon should be used to prevent bad odours.

During the assembly, the following precautions should be taken:

- the drainage tube must not be bent to avoid blockages;
- the tube's end, relative to the top surface of the dishwasher (fig. 4), must be placed at a height between 32 and 90 cm;
- the end of the tube must never be immersed in water;
- the drainage tube must not be extended to more than a maximum length of 1 metre. The extension must have the same internal diameter. Furthermore, the maximum height at which the tube's end can be placed (in the case of an extended tube) must be reduced from 80 to 50 cm.
- If you use a drainage pipe, make sure its internal diameter is not inferior to 4 cm.



### 5.5 ELECTRIC CONNECTIONS

**The appliance may only be connected to a properly installed electric outlet with an earth (ground) contact. The connection must be carried out in correspondence with existing laws and regulations and supplementary rules issued by the supplier of electric power.**

The tension shown on the data tag must correspond to the power tension of the electric grid at the site of installation.



*See data tag for the size and format of the electric outlet to be used.*

If the appliance has no plug attached, it must be connected to the electricity supply by installing a switch which is directly connected to the mains. This switch should ensure the appliance is disconnected from all the poles with a distance of at least 3 mm from the contacts.

## 6 USE

### 6.1 BEFORE USING THE APPLIANCE

Before turning on the appliance, make sure that the plug attached to the electric cable is connected to the electric outlet, the water supply tube is connected to the water tap, the water tap is turned on, the drainage tube has been connected according to the instructions.

#### Opening of the door

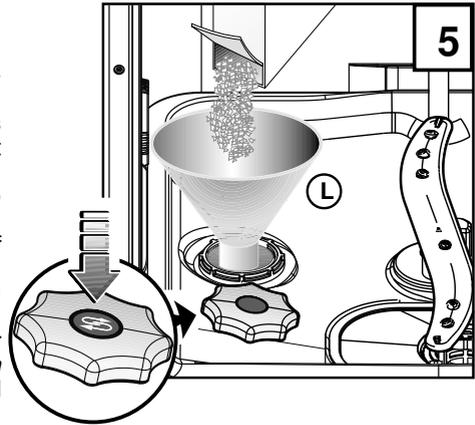
Pull the handle forward. The door should open without effort. If you pull the handle while the dishwasher is running, a safety mechanism will turn off the appliance.

#### Adding special dishwasher salt (only in the salt container version)

- Open the door and take out the lower basket
- Remove the lid of the salt container by turning it anticlockwise

**Only during the first time you carry out this operation:** fill about 1/2 litre of water into the salt container

- Use funnel **L** to fill the special dishwasher salt into the container (use about 1.0-1.5 kg of salt).
- Remove possible salt residues from the opening of the container.
- Put the lid of the container back in its place by turning it clockwise.
- If you don't use the dishwasher immediately after filling the salt container, run the programme *pre-wash* to rinse away the water and salt particles that spilled over from the container.



#### Indication of salt level (IF PRESENT)

The green mark under the cap indicates that there is still enough salt in the container. If the green mark is no longer visible, the salt container needs to be refilled with special dishwasher salt.

For safety reasons we recommend to refill the container after seven wash cycles – always at the beginning of a cycle.



**Use only special dishwasher salt. Other types of salt (e.g., regular household salt) often contain substances that do not dissolve completely in water and can therefore obstruct the water softener, thus making it unusable.**

**For the washing process it is better to use soft water (with a low calcium content), to avoid calcium deposits on the dishes and on the inside of the dishwasher.**

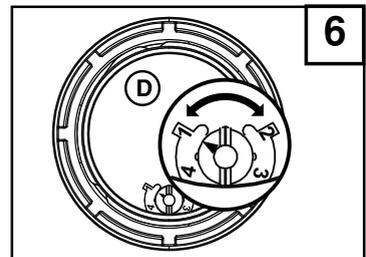
**To find out the degree of hardness of your water contact your town administration or use a commercial testing kit.**

#### Regulation of the water softener system (IF INCLUDED) (control panel version with LEDs)

For this reason, the appliance is equipped with a water softener (fig. 6) which is automatically regenerated in regular intervals thanks to the saline solution. The salt consumption for the regeneration process depends on the hardness/softness of the local water that is being used.

To guarantee an optimal regeneration of the softener it is necessary to set device **D** according to your local hardness (see table) and to make sure that the salt container is always filled with special dishwasher salt.

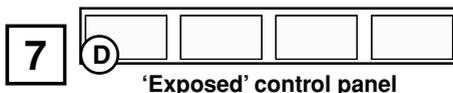
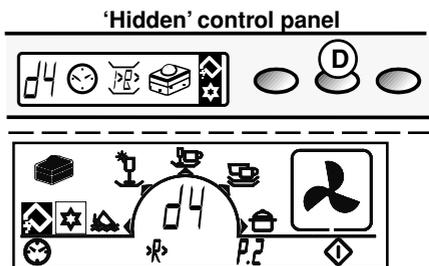
**Note:** When the adjustment device is in the D1 position the low salt indicator light is deactivated.



Position of regulation device	French degrees 'dH	German degrees 'dH
1	<15	<8,4
2	>15 <25	>8,4 <14
3	>25 <40	>14 <22,4
4	>40 <90	>22,4 <50,4

>=higher/ <=lower

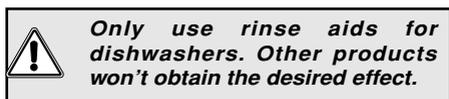
**Regulation of the water softener system (IF INCLUDED)**  
(control panel version with display)



Regeneration levels	French degrees °fH	German degrees °dH
d1	<10	<5,6
d2	>10 <25	>5,6 <14
d3	>25 <40	>14 <22,4
d4	>40 <60	>22,4 <33,6
d5	>60	>33,6
>= higher / <=lower		

**Note:** The salt level indicator on the Display is deactivated when position D1 is used.

To reach an optimal regeneration setting, keep (for 10 sec.) the button **DELAY** **(D)** (fig. 7) pressed when turning on the appliance. Now, the current setting is being displayed (e.g., d4). To modify the setting (within 6 seconds), press the same button again until the desired level is reached (see table). Wait for 6 seconds without modifying the setting. A buzzer sound will indicate that the new setting was accepted. On the **display**, the request select programme will appear.



**Refilling of rinse aid**

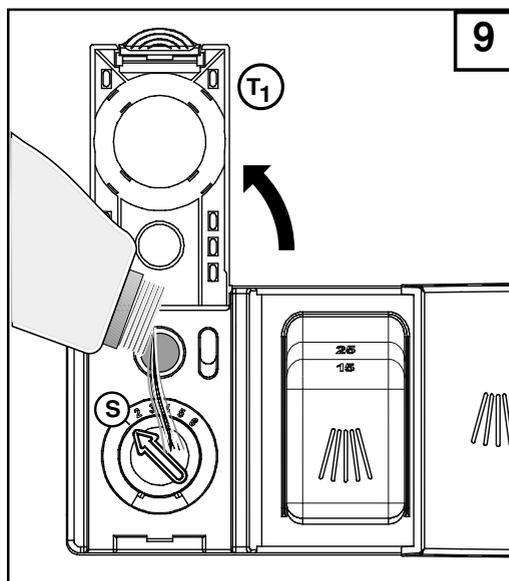
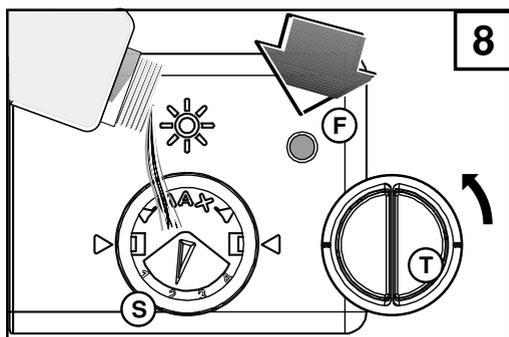
The rinse aid, which is released automatically during the final phase of the wash cycle, guarantees that the dishes dry quickly and prevents the formation of stains and calcium sediments.

The rinse aid container **S** is located on the inside of the door.

- **Fig. 8**, remove the container cap **T** by turning it 1/4 revolution anticlockwise.
- **Fig. 9**, open cover **T1**.
  - Fill container with rinse aid up to the broken line.
  - Maximum quantity: about 140 ml.
  - Close the rinse aid compartment again.
  - Clean off possible residues of rinse aid with a cloth, otherwise too much foam might be produced during the rinsing process.

**Indication of rinse aid level**

- **Electric (if included) (fig. 18-18.a)**  
The appliance is equipped with a level indicator for the rinse aid. When it lights up, more rinse aid needs to be added.
- **Mechanical (fig. 8)**  
More rinse aid needs to be added when the indicator (located on the container **F**) is clear (●).  
When the container is full, the indicator has a dark coloration.



## Regulation of rinse aid dosage

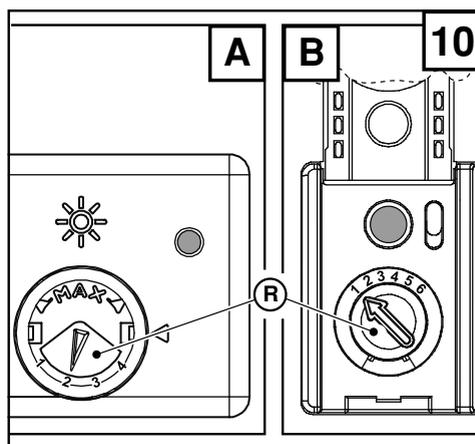
The regulation **R** of the quantity of rinse aid that is released can be found in the refill opening of the rinse aid container.

A screwdriver may be used to adjust it from a minimum position to a maximum position, depending on which version has been fitted in the dishwasher; see figure 10 (A-B).

The numbers correspond to the amount of rinse aid added, i.e. the number 1 = 1 ml.

A full rinse aid container is sufficient for about 50 wash cycles. The quantity of rinse aid to be released should be adjusted when the result of the wash process is not satisfactory.

- Always wipe off with a cloth any rinse aid that spilled over from the container.



**It is important to check the level of rinse aid in the container periodically – if possible every 31 wash cycles.**

## Adding the detergent

**IMPORTANT!** Do not use detergents in this dishwasher that are made for dish washing by hand! These substances produce large quantities of foam but they do not clean the dishes in a dishwasher. They can even lead to a malfunctioning of the appliance.

You should therefore only use detergents that are specifically made for household dishwashers.

Keep your detergent containers closed and in a dry place.

Only when you use the pre-wash programme no detergent is needed.

During a programme the detergent is automatically taken from the detergent container.

We recommend the use of about 25 g of detergent.

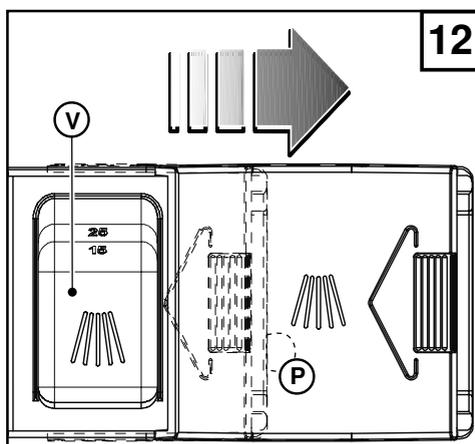
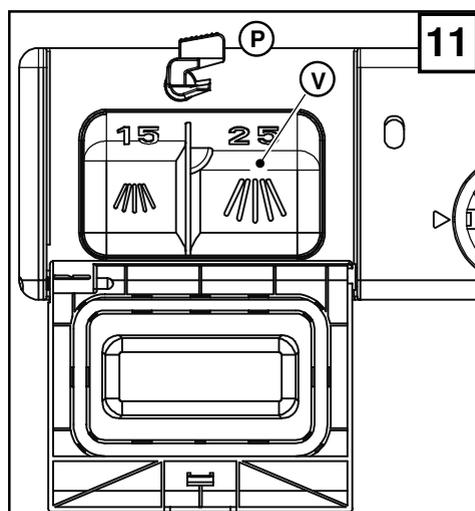
**Detergents vary in their strength and efficiency. You should therefore pay attention to the dosage recommendations of each manufacturer.**

The container for the detergent is located on the inside of the door.

If the lid is closed:

- Push forward closing mechanism **P**. The lid will open with a "click".
- Fill the detergent into the container **V**.
- To close the lid, press until you hear a closing "click".

If your dishes are exceptionally dirty, you can also fill some detergent into the indentation of the lid. In this case, fill the indentation up to the edge. This detergent will be available and active during the pre-wash phase.



## How to load and unload the dishwasher

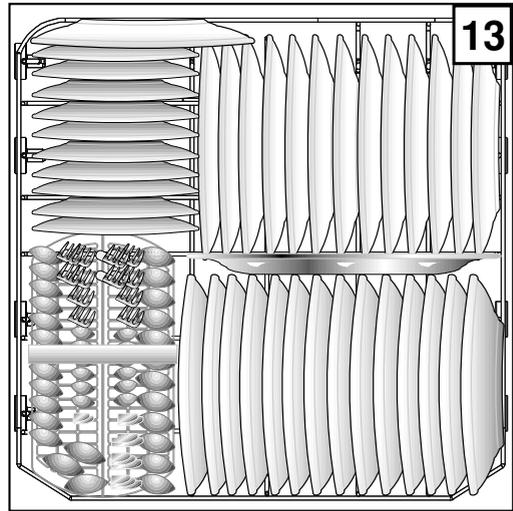
There are two dish baskets that allow you to store all different kinds of dishes.

- Remove from the dishes any larger pieces of food to avoid an obstruction of the filter and the development of bad odours.
- If pots and pans are particularly dirty and contain crusts of food (after frying or roasting), soak them in a water bath before washing them in the dishwasher.

### Use of the lower basket

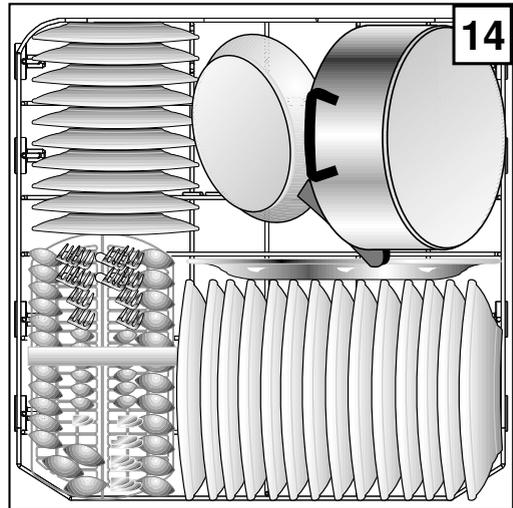
The lower basket is intended to hold dishes that are more difficult to clean, as well as the cutlery basket.

The lower basket holds regular plates, soup bowls, pans, soup tureens, lids, and serving dishes. Flat and deep plates must be placed in a way that leaves some space between the individual plates.



All plates must be in a vertical position so that the water can pass freely.

Pans and pots must always be placed upside down. You can choose any kind of loading configuration, but you should make sure that the dirtiest surface of dishes, pots and pans faces the water spray and that the water can flow off without hindrances.



### Cutlery

For best cleaning results, cutlery should be inserted with its handles facing down. Spoons, forks, and knives must be placed in the specific areas of the cutlery basket that are designed for them.



#### ATTENTION:

Particularly long cutlery, specifically “long knives”, should not be positioned pointing upwards but should be placed horizontally in the top tray or washed by hand.

## Use of the upper basket

The upper basket can be pulled out all the way. It holds small and medium sized dishes such as glasses, small plates, tea and coffee cups, small salad bowls, and small pans and pots that are not very dirty. Desert plates must always be placed vertically; glasses, cups, pots and pans must be placed upside down. Light dishes should be held by a support structure so that they don't get thrown around by the water jet. An optimal arrangement of dishes inside the dishwasher will guarantee best washing results, allowing the appliance will be able to develop its full effectiveness.

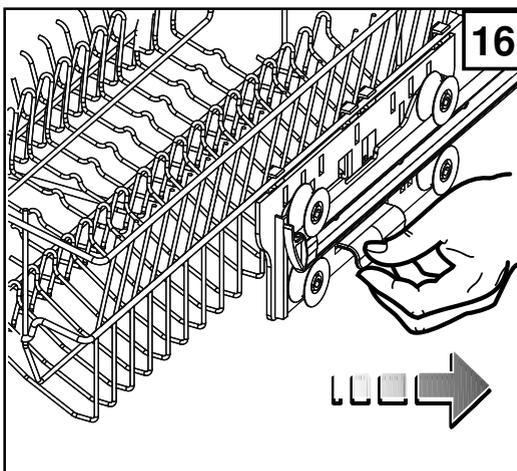
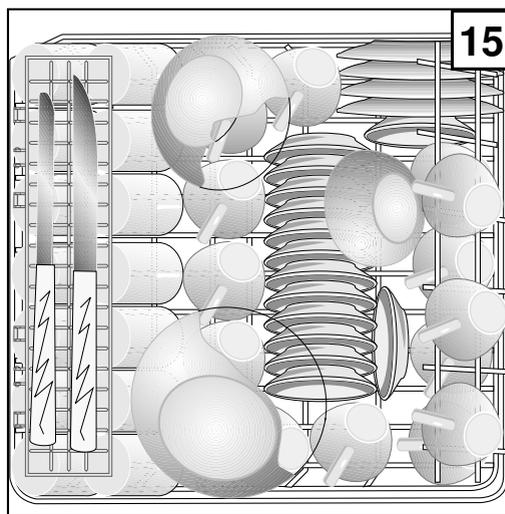
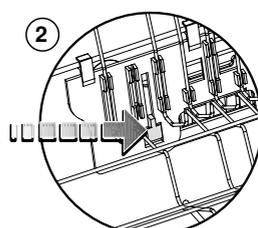
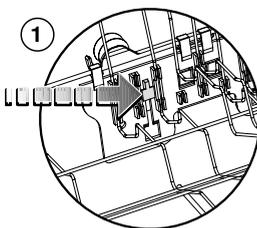


*Because of the elevated temperature of the water used to wash the dishes and of potential chemical reactions with the detergent, it is recommended not to wash copper or aluminium dishes, cutlery with wood or horn handles, delicate porcelains, or non heat resistant glass or plastic dishes in the appliance. If you possess decorated porcelain, you should test one single piece to make sure that the décor is not being damaged or altered.*

## Height regulation of the upper basket (if included)

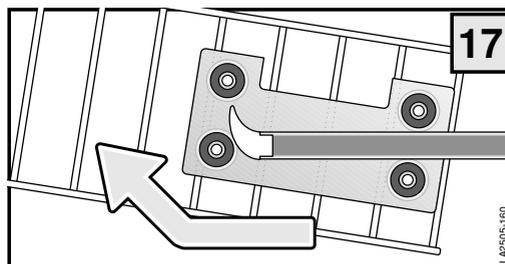
The position of the drum may be adjusted using the side handles (right and left).

- 1 Adjusting the lower position
- 2 Adjusting the upper position



## Pulling out the upper basket

The upper basket can be pulled out and removed as shown in the figure.



## Description of control buttons and indication lights

### ① - ON/OFF 1) On-Off buttons

On/Off – Press this button to turn on the appliance.

### 2) Indication programme LED

It is illuminated when the appliance is turned on.

### 3) Programme selection button

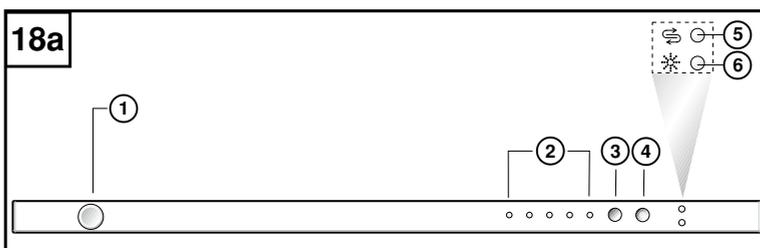
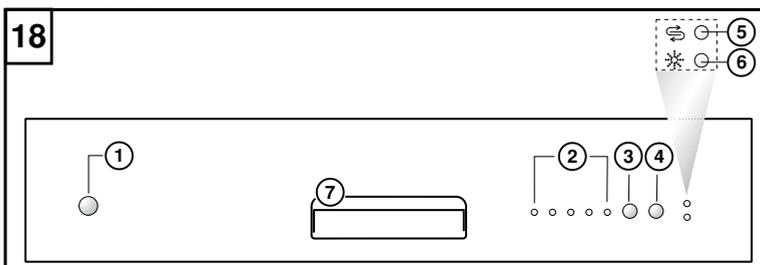
### 4) Start-Stop/Pause programme button

### 5) Low salt indicator (if included)

### 6) Low rinse aid indicator (if included)

### 7) Door handle

To open pull forward (an electric safety mechanism turns off the machine when the door is being opened).



## Start

After checking the quantities of regeneration salt (only in the salt container version) and of rinse aid, open the water faucet completely, place the dishes in the baskets, fill detergent into the detergent container and add also detergent for the pre-wash (if necessary); then close the front door.

### Now proceed as follows:

- Press the “ON-OFF” button ①, “The LED corresponding to the last wash cycle performed lights up”.

### Wash cycle selection

- When you press the button ③ for the first time, you confirm the wash cycle that corresponds to the flashing LED ②. The next times you press the button, the LED of the programme that corresponds to the wash cycle you intend to select will light up. At the end of the cycle, the selected programme flashes.

**Select the programme which you believe is best suited to the types of dishes which need to be washed.**

### Start Button (Model illustrated in fig. 18)

- Press button ④ with the appliance door shut, the dishwasher wash cycle will start and the LED of the button itself lights up.

### Start Button (Model illustrated in fig. 18a)

- Press button ④ and close the door at the front of the machine to start the wash cycle.

### Incorrect setting of the programmes (programme change)

- To modify a wash cycle in progress, you must press the Start button ④ for approximately **6 seconds**; subsequently, the LED of the selected programme begins to flash. The RESET phase will end when the Start button LED goes off. At this point, the appliance is ready to be set again.

- If you forget to put a dish in, you can interrupt the wash cycle (preferably only if it hasn't been running for long) by pressing the Start button ④ which then flashes; open the appliance door and place the dish inside. To restart the appliance, close the door and press the Start button again; the cycle will resume from the point in which it was interrupted.

- To repeat the same cycle, press the programme button ③ and then the Start button ④.

**N.B. The buzzer will sound (3 beep) (not inclusive in all the models) to indicate the end of the RESET.**

## Stop

After the wash cycle the dishwasher will stop automatically and will emit a sound signal of **3 beeps (not inclusive in all the models)**, and the LED for the selected programme will flash. To turn it off, press the button on/off. After each wash cycle, the water faucet must be closed to insulate the appliance from the water supply system.

**ADVICE: To speed up drying, the front door may be left ajar.**

### TABLE OF WASH PROGRAMMES (basic version)

Wah cycles	Cycle number	BUTTONS	DETERGENT		Dishes and degree of dirt	Cycle description
		ON OFF ⓘ	pre-wash	wash		
Rinse	P1	●			Pans and dishes until the next wash cycle	Short cold wash to prevent food residue from drying up and forming crusts on the dishes
Rapid	P2	●		●	Little dirty dishes	Main wash 1 rinse warm
Delicate 45° C * (EN 50242)	P3	●	●	●	Very dirty delicate dishes	1 cold Pre-wash - Main wash 2 rinses (1 cold - 1 warm) (Drying)
Normal 55° C	P4	●	●	●	Normally dirty dishes	1 cold pre-wash - Main wash 2 rinses (1 cold - 1 warm)
Intensive 65° C	P5	●	●	●	Very dirty dishes (except delicate pieces)	1 warm Pre-wash - Main wash 3 rinses (2 cold - 1 warm)

### TABLE OF WASH PROGRAMMES (intermediate version)

Wah cycles	Cycle number	BUTTONS	DETERGENT		Dishes and degree of dirt	Cycle description
		ON OFF ⓘ	pre-wash	wash		
Rinse	P1	●			Pans and dishes until the next wash cycle	Short cold wash to prevent food residue from drying up and forming crusts on the dishes
Rapid	P2	●		●	Little dirty dishes	Main wash 1 rinse warm
Normal 45° C * (EN 50242)	P3	●	●	●	Very dirty delicate dishes	1 cold pre-wash - Main wash 2 rinses (1 cold - 1 warm) (Drying)
Normal 55° C	P4	●	●	●	Normally dirty dishes	1 cold pre-wash - Main wash 2 rinses (1 cold - 1 warm) (Drying)
Intensive 65° C	P5	●	●	●	Very dirty dishes (except delicate pieces)	1 warm Pre-wash - Main wash 3 rinses (2 cold - 1 warm) (Drying)

### TABLE OF ERROR CODES - "intermediate version"

N.B.: Anomalies are signalled in the following way:

**A) All the LEDs remain on, while the LED corresponding to the type of error flashes.**

**B) A continuous beep sounds until the programme with the error is reset.**

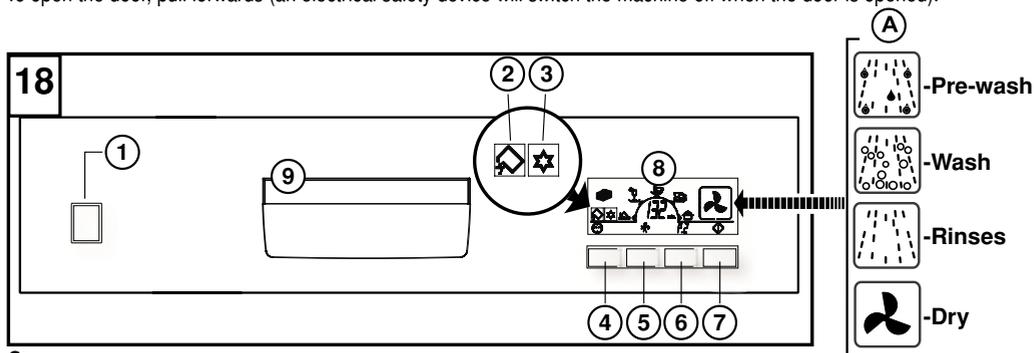
Error	When this occurs	Checks to carry out	Action to be taken
LED 4	At the beginning of the cycle	- Tap closed - Filter of loading tube blocked - Water supply tube bent - Insufficient water pressure	- Reset the dishwasher - Check - Reset the dishwasher - Verify the water pressure

N.B.: Upon contacting the authorised technical assistance centre always communicate the type of error encountered.

## Description of control buttons and indication lights

- 1) ON/OFF On/off button Press this button to switch the appliance on
- 2) Low salt indicator light (if fitted)
- 3) Low rinse aid indicator light (if fitted)
- 4) "Delay" delayed start selector
- 5) Quick wash / half load selector (if fitted)
- 6) Programme selector button
- 7) Programme Start - Stop/pause button
- 8) Multifunctional display
- 9) Door handle

To open the door, pull forwards (an electrical safety device will switch the machine off when the door is opened).



### Start-up

After checking the quantity of salt (only in models with salt compartment) and rinse aid, open the water inlet valve completely, place the crockery in the racks, pour the main wash detergent and pre-wash detergent (if necessary) into the compartment and close the door at the front of the machine.

Proceed as follows:

- Activate the "on-off" button (1); the display will light up (8) and show the most recent programme performed

### Programme selection

- Select the desired programme using button (6) (programme selector); each time the button is pressed the following programme will be shown, and the corresponding duration will appear on the Display. **Select the programme most suited to the type of crockery to be washed.**

At this point the machine is ready to start the wash programme.

### Start / Pause

- Close the door and press button (7); the machine will begin the wash cycle. The start symbol (◇) and the symbol corresponding to the selected programme (e.g. P, P<sub>2</sub>) will be shown on the display. A cycle of graphical information (A) will then be shown, relating to the washing phase the machine is currently performing.

Pressing button (7) again pauses the machine; the graphics disappear from the Display but the time remaining until the end of the wash cycle and the start symbol begin to flash.

### Incorrect programme settings (changing the programme or using RESET)

- To modify a programme which is already in progress, press button (7) Start/Pause for approximately 6 seconds; a scrolling segment will appear on the Display, indicating the reset stage is in progress.

**N.B. The buzzer sounds to confirm the end of the RESET, while the text "End" is shown on the display. At this point the machine is ready to be set again.**

- If you have forgotten to place something inside the machine, the wash cycle may be paused (preferably only if the programme started a short time before): press the pause button (7), open the door and place the crockery inside. To restart the machine, close the door and press the Start button (7) again; the cycle will start from the point at which it was interrupted.

- To repeat the wash, confirm the displayed programme by pressing the programme selector button (6) followed by the start button (7).

**NOTE: if the power supply is suddenly cut off, the wash programme will restart from the point at which it was interrupted.**

### Stopping the machine

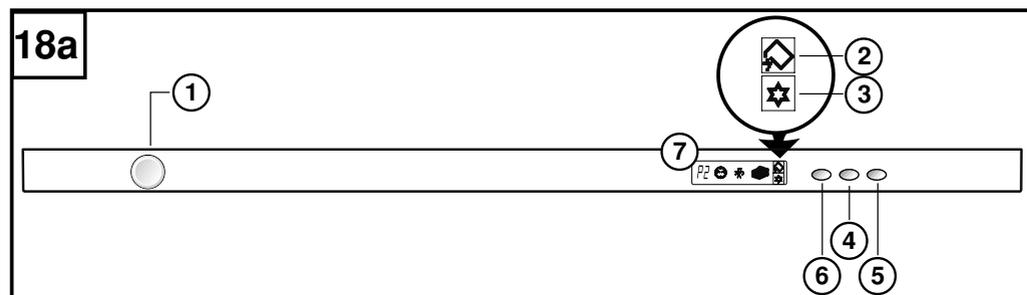
At the end of the cycle the dishwasher stops automatically and 3 beeps sound three times to confirm the end of the wash cycle. **The text "End" appears on the Display.**

To switch off the appliance press the on/off button (1). After each wash cycle, close the water inlet completely to cut off the dishwasher from the water supply network.

**ADVICE: After the beeps signalling the end of the cycle, to accelerate the drying phase the door may be left ajar.**

- 1) **ON/OFF On/off button** Press this button to switch the appliance on
- 2) **Low salt indicator light (if fitted)**
- 3) **Low rinse aid indicator light (if fitted)**
- 4) **“Delay” delayed start selector**
- 5) **Quick wash selector**
- 6) **Programme selector button**
- 7) **Multifunctional display**

To open the door, pull forwards (an electrical safety device will switch the machine off when the door is opened).



### Start-up

After checking the quantity of salt (only in models with salt compartment) and rinse aid, open the water inlet valve completely, place the crockery in the racks, pour the main wash detergent and pre-wash detergent (if necessary) into the compartment and close the door at the front of the machine.

#### Proceed as follows:

- Activate the “on-off” button (1) ; the display will light up and show the most recent programme performed.

### Programme selection

- Press button (6) (programme selector) to display the washing symbol above/below ( ) and after approximately 3 seconds the duration time for the selected programme will appear. Every time button (6) is pressed, the following programme is selected.

**Select the programme most suited to the type of crockery to be washed.**

At this point the machine is ready to start the wash programme.

### Start

- Close the door; after the beep signalling the start of the programme the dishwasher performs the wash cycle automatically.

**Note:** To display details of the programme in progress, press the programme selector button (6) ; this will display the type of programme currently in progress for 5 seconds.

### Incorrect programme settings (changing the programme or using RESET)

- To modify a programme which is already in progress open the door and press the Programme selector button (6) for approximately 6 seconds. A scrolling segment on the Display indicates the machine is in reset mode. Close the door immediately. **N.B. The buzzer sounds to confirm the end of the RESET, and the text “End” is shown on the display. At this point the machine is ready to be set again.**

- If you have forgotten to place something inside the machine, the wash cycle may be paused (preferably only if the programme started a short time before): open the door and place the crockery inside. To restart the machine, close the door; the cycle will start from the point at which it was interrupted.

- To repeat the wash, confirm the displayed programme by pressing the programme selector button (6) and close the door. **NOTE: if the power supply is suddenly cut off, the wash programme will restart from the point at which it was interrupted.**

### Stopping the machine

At the end of the cycle the dishwasher stops automatically and 3 beeps sound three times to confirm the end of the wash cycle. **The text “End” appears on the Display; when the door is opened the Display lights up and the text is shown for a further 10 seconds, after which the number of the most recent programme performed remains visible.**

To switch off the machine, press the on/off button (1). After each wash cycle, close the water inlet completely to cut off the dishwasher from the water supply network.

**ADVICE:** After the beeps signalling the end of the cycle, to accelerate the drying phase the door may be left ajar.

## Options

**NOTE: All the options must be set after selecting one of the programmes.**

- **Delayed start (Delay) ④** This button is used to set a delay time between 1 and 12 hours. The first time the button is pressed the function is activated and the display shows the delayed start symbol (⌚), while the text "1H" is displayed in the numerical area. Each subsequent press of the button increases the delay time by 1 hour, up to a maximum of 12 hours. The next press of the button deactivates the function; the "clock" symbol disappears and the duration of the selected programme reappears in the numerical area. Once the delay time has been set, close the dishwasher door and press the start button (if necessary); the delay time countdown will begin and the clock symbol will begin to flash until the selected programme begins. Until the programme begins, the Display will show the remaining time when the door is opened.

To deactivate the delay, **RESET** the machine.

- **Quick wash (IF APPLICABLE):**

The "QUICK WASH (⚡)" symbol appears on the display when the button is pressed. At this point the machine is ready to start the wash programme.

- **Half load (IF APPLICABLE):**

The "1/2 LOAD" option is deactivated by default and the machine therefore washes loads on both upper and lower racks.

If the button is pressed the "1/2 LOAD" function will be deactivated. The "1/2 LOAD" function may be activated with all programmes and is deactivated at the end of the programme.

**NOTE:** When the half load function is activated the duration of the wash cycle is reduced.

- **3 in 1 FUNCTION:** Press and hold button ⑤ QUICK WASH (or 1/2 LOAD if provided) for 5 seconds; the "3 in 1" function is activated, a confirmation beep is emitted and the tablet symbol (📦) is shown on the display. This function remains active for all programmes, until it is deactivated by pressing button ⑤ for 5 seconds, when the tablet symbol disappears from the display. The use of combined detergents (such as 3 in 1 tablets or similar products) may remove the need for rinse aid and salt. The "3 in 1" function may be activated for all programmes; the rinse aid indicator light is deactivated.

**N.B. It is good practice to follow the instructions given on the container for the products mentioned above.**

- Up to a water hardness of 21° dH (37° f) it is not necessary to use salt; set the regeneration adjustment to **D1** (see paragraph entitled "adjusting the water softening system").

- Where water hardness is greater than 21° dH (37° f), salt must be used.

In this case fill the salt compartment and adjust the regeneration system to position **D3**.

**Advice: Superior washing results can be achieved with the use of traditional detergents combined with salt and rinse aid.**

**WARNING: When traditional detergents are used the water softening system must be adjusted accordingly.**

## TABLE OF WASH PROGRAMMES (display version)

Wash cycles	Cycle number	BUTTONS		DETERGENT		Dishes and degree of dirt	Cycle description
		ON OFF ⓪		pre-wash	wash		
Rinse	P1	●				Pans and dishes until the next wash cycle	Short cold wash to prevent food residue from drying up and forming crusts on the dishes
Delicate 40° C	P2	●			●	Little dirty dishes	Main wash 2 rinses (1 cold – 1 warm)
ECO 45° C * (EN 50242)	P3	●		●	●	Very dirty delicate dishes	1 cold pre-wash - Main wash 2 rinses (1 cold – 1 warm) (Drying)
Normal 55° C	P4	●		●	●	Normally dirty dishes	1 cold pre-wash – Main wash 2 rinses (1 cold – 1 warm) (Drying)
Intensive 65° C	P5	●		●	●	Very dirty dishes (except delicate pieces)	1 warm Pre-wash – Main wash 3 rinses (2 cold – 1 warm) (Drying)
(Optional) Rapid 30° C	P6	●			●	Little dirty dishes	Main wash 1 rinse warm

## TABLE OF ERROR CODES

**N.B.: Anomalies are signalled in the following way:**

**A continuous beep sounds until the programme with the error is reset.**

Error	When this occurs	Checks to carry out	Action to be taken
LED 4	At the beginning of the cycle	- Tap closed - Filter of loading tube blocked - Water supply tube bent - Insufficient water pressure	- Reset the dishwasher - Check - Reset the dishwasher - Verify the water pressure

**N.B.: Upon contacting the authorised technical assistance centre always communicate the type of error encountered.**

## 7 MAINTENANCE

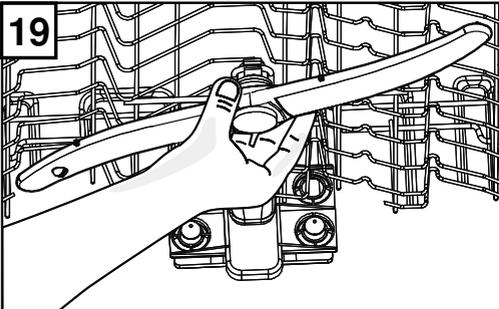
### 7.1 CLEANING OF SPAY-ROTORS



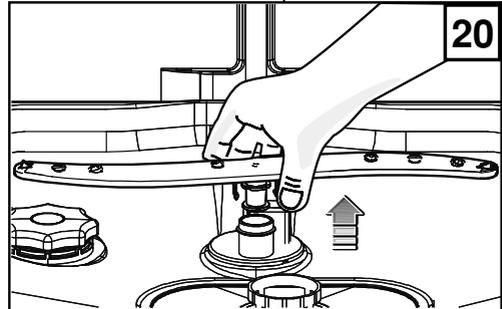
**CAUTION:** Disconnect the appliance from the electricity supply (by pulling the plug out of the socket) before cleaning the appliance or performing any maintenance operations.

The spray-rotors can easily be removed for the periodic cleaning of the jets in order to prevent possible obstructions.

Wash them thoroughly under running water and put them back in their correct position.



To remove the upper spray-rotor:  
Unscrew anticlockwise the support of the spray-rotor.



To remove the lower spray-rotor:  
Pull the spray-rotor upwards and take it out.

### 7.2 CLEANING OF FILTERS

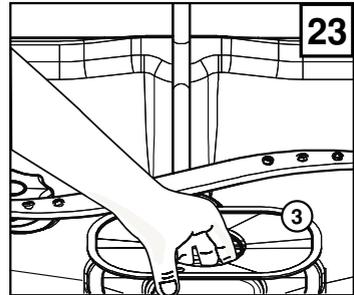
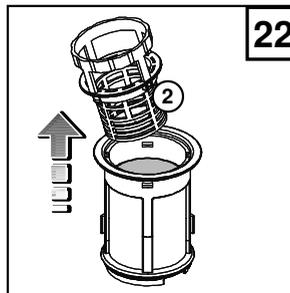
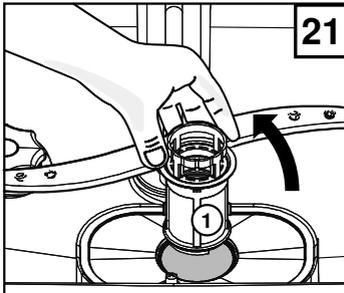
After each wash the filter group should be checked in order to remove possible dirt residues. Proceed as follows:

- Unscrew the external filter 1 by turning it in an anticlockwise direction.
- Take out the central filter 2
- Remove the fine filter 3.

Clean all these components under running water. It is important to clean all filters thoroughly because the dishwasher cannot function properly with obstructed filters.

We recommend to put the cleaned filters back in their positions immediately to avoid damage to the wash pump.

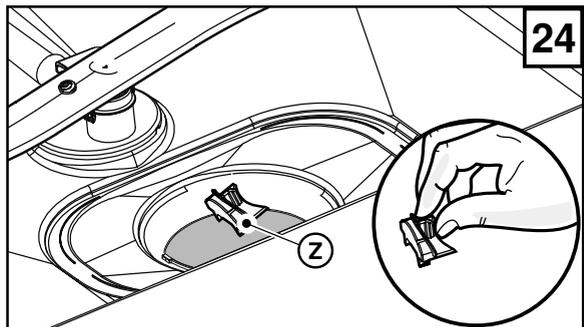
**WARNING:** Dirty filters may affect good washing results.



### 7.3 CLEANING THE DRAINAGE PUMP

The pump may be accessed from inside the machine.

1. Always disconnect the plug from the mains socket before cleaning the pump.
2. Unscrew the external filter 1 by turning it in an anticlockwise direction (fig. 21).
3. Remove the fine filter 3 (fig. 23).
4. Finally, remove the small insert Z from the left part of the drainage hole in the base of the appliance.
5. By placing your finger inside the hole, it is possible to rotate the pump propeller and eliminate any blockages which may have occurred.
6. Replace the insert and the filters.
7. Plug the appliance back into the mains socket.

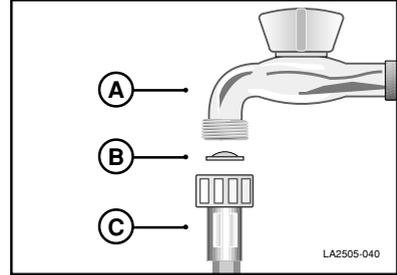


**CAUTION:** Do not forget to replace insert Z.

## 7.4 CLEANING OF THE WATER ENTRY FILTER

You should also clean filter **B** periodically. It is located between the water tap and the water entry tube.

- Close water tap **A**.
- Unscrew attachment piece **C**, take out filter **B**, and clean it thoroughly under running water.
- Put the filter back in its place and screw the water entry hose on. Check that there are no water leaks.



## 7.5 PERFORMANCE DATA

### Test measures

Pre-wash using 9 grams of detergent, which should be poured onto the internal door.

Main wash using 25 grams of standard detergent, which should be poured into the container. (Type B)

Rinse aid dosage: maximum setting position. (Type III)

Remove cutlery container handle.

### Energy class

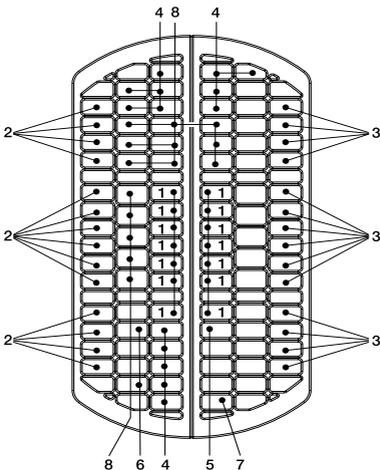
Europe:

Standard programme (\*)

Connection:

EN 50242

Cold water

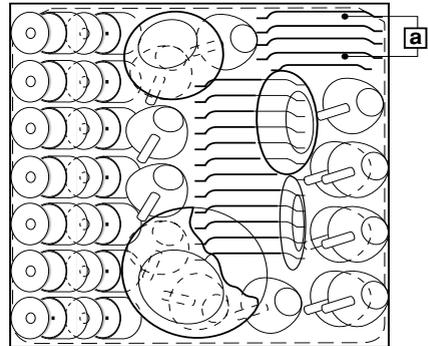


Frontal door side

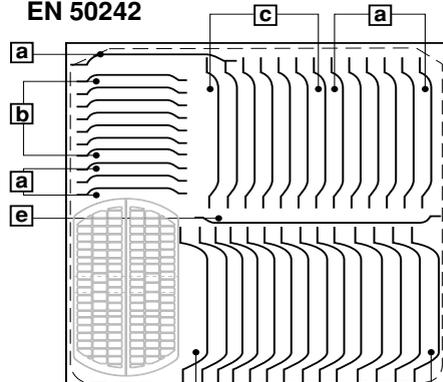


- a Egg
- b Spinach
- c Minced meat
- d Oatflakes
- e Margarine

### Dishwasher loading examples



EN 50242



EN 50242

Door side

## 7.6 CLEANING OF THE DISHWASHER'S EXTERNAL SURFACES

The dishwasher's surfaces (made of metal, and in the front of plastic) must be cleaned periodically. Use a clean and soft piece of fabric. Never use acids or abrasive detergents.

### If you don't use the appliance for long periods of time

If the dishwasher is not being used for extended periods of time, you should proceed as follows:

- run the pre-wash programme twice
- remove the electric plug from the outlet
- disconnect the water supply tube
- leave the door slightly open to avoid the formation of bad odours.

## 8 WHAT TO DO IN CASE OF MALFUNCTIONS

You should first check whether it is possible to rectify some minor problems yourself. Follow these instructions. If you are unable to identify or remove the problem, you should contact the technical client assistance service.

- **The programme does not start**
  - Are the internal fuses broken? Is the dishwasher connected to the electric supply system?
  - Is the door closed properly? Press on the door to close it completely.
- **No water enters the appliance**
  - Is the water faucet open?
  - Is the filter between the faucet and the water supply tube obstructed? If so, clean the filter.
  - Is the water supply tube obstructed? Check the tube.
- **The programme indicator does not move on from its starting position**
  - Is the water faucet completely open?
  - Is the filter between the faucet and the water supply tube obstructed? If so, clean the filter.
  - Is the water pressure lower than 0.05 Mpa?
- **The used water is not removed from the dishwasher**
  - Is the waste disposal tube obstructed? Check the tube.
  - The siphon is obstructed? Check the siphon.
- **The dishes are not clean after washing them**
  - Did you choose an appropriate programme for the type of dishes and the degree of dirt you are dealing with?
  - Are the dishes arranged in a way that allows the water-jet to reach all their surfaces?
  - Are the dishwasher's baskets overloaded?
  - Are the spray-rotors blocked by a dish or some cutlery?
  - Are all filters at the bottom of the dishwasher clean? Are they all in their correct position?
  - Did you add the correct amount of detergent?
  - Is the water discharge tube connected properly?
  - Is there still any special dishwasher salt in the appropriate container? (if present) Without salt the water is not being softened.
  - Was the water softening system (if present) adjusted according to the local amount of calcium in the water?
- **The dishes do not dry or they remain opaque**
  - Is there any rinse aid left in the appropriate container?
- **Glasses and dishes show the formation of lines, spots, and stains or a shiny blue coloration**
  - During the rinse process too much rinse aid is being released. Adjust the rinse aid release.
- **Glasses and dishes show stains of dried water**
  - During the rinse process too little rinse aid is being released. Adjust the rinse aid release.

### **Please note:**

The appliance was tested and checked by the manufacturer. As a consequence, you may find some traces of water inside. These will disappear after the first use.

# 1 AVANT D'UTILISER L'APPAREIL

## 1.1 INSTRUCTIONS DE SECURITE

### Utilisation d'après les normes

- La machine à laver la vaisselle doit être utilisée seulement pour le lavage de la vaisselle à usage domestique.  
Si l'appareil est utilisé pour d'autres objectifs ou de façon erronée, la Maison de construction ne s'assume aucune responsabilité pour des dommages éventuels.
- Pour des motifs de sécurité, aucune transformation ou modification au lave-vaisselle n'est admise
- Avant de brancher l'appareil au réseau électrique, assurez-vous que les données de tension et de courant indiquées sur la plaque des données correspondent à celles qui sont indiquées à l'endroit de l'installation.
- L'installation doit être faite par du personnel qualifié.

### Opérations préliminaires lors de la première mise en marche

- Contrôlez si le lave-vaisselle a subi des dégâts éventuels durant le transport. Dans tous les cas, ne branchez pas l'appareil endommagé. En cas de dégâts, adressez-vous à votre fournisseur.

### Pour la sécurité des enfants

- L'utilisation de cet appareil par des enfants ou par des personnes incapables sans une étroite surveillance est vivement déconseillée, veiller notamment à ce que les enfants ne s'en servent pas pour jouer.
- Recommandation : les produits de lavage spéciaux lave-vaisselle sont très alcalins, leur ingestion peut représenter un danger sérieux. Eviter tout contact avec la peau et les yeux et garder les enfants à distance quand la porte du lave-vaisselle est ouverte. S'assurer que le bac à produit de lavage est vide une fois le cycle de lavage terminé.
- Les produits détersifs peuvent causer des dommages irréparables au yeux, à la bouche et à la gorge.

#### Garder donc les détersifs hors de la portée des enfants.

- L'eau dans le lave-vaisselle n'est pas potable. Tant qu'il y a encore des restes de détergents dans la machine, c'est un danger pour les enfants qui doivent s'éloigner du lave-vaisselle ouvert.

### Pour le fonctionnement quotidien

- Ne mettez jamais en marche le lave-vaisselle si le câble du courant, les tuyaux d'entrée et d'évacuation de l'eau sont endommagés ou si le tableau des commandes, le dessus de la machine ou le socle sont très détériorés.
- En cas de panne, fermez avant tout le robinet de l'eau, éteignez l'appareil et enlevez la fiche de la prise de courant. En cas de connexion fixe, débranchez éventuellement l'interrupteur de service ou enlevez le fusible (ou les fusibles).
- Pour ôter la fiche de la prise de courant, saisissez la fiche par le corps et jamais par le câble.
- Les réparations de la machine à laver la vaisselle doivent être effectuées seulement par des personnes spécialisées. Des réparations non appropriées peuvent mettre l'utilisateur en grave danger. En cas de réparations, adressez-vous donc à notre service technique assistance clients ou à votre revendeur spécialisé.
- Le remplacement du câble d'alimentation doit être effectué seulement par le personnel du service assistance technique.
- En cas de détérioration des tuyaux, pour le raccordement de l'appareil, ceux-ci doivent être remplacés par des tuyaux originaux.
- N'introduisez pas de substances dissolvantes qui pourraient provoquer une explosion dans le lave-vaisselle.
- Ne vous asseyez pas et ne vous appuyez pas sur la porte ouverte: la machine pourrait se renverser.
- Avant d'introduire le sel spécial, le détersif et le liquide de rinçage, assurez-vous que le producteur de ces substances recommande leur utilisation pour les machines à laver la vaisselle à usage domestique.
- Fermez toujours le robinet de l'eau si vous n'utilisez pas le lave-vaisselle pendant quelque temps, par exemple durant les vacances.



*Pour éviter de vous blesser ou de trébucher, il ne faudrait ouvrir le lave-vaisselle que brièvement, uniquement au moment de le charger et de le décharger.*