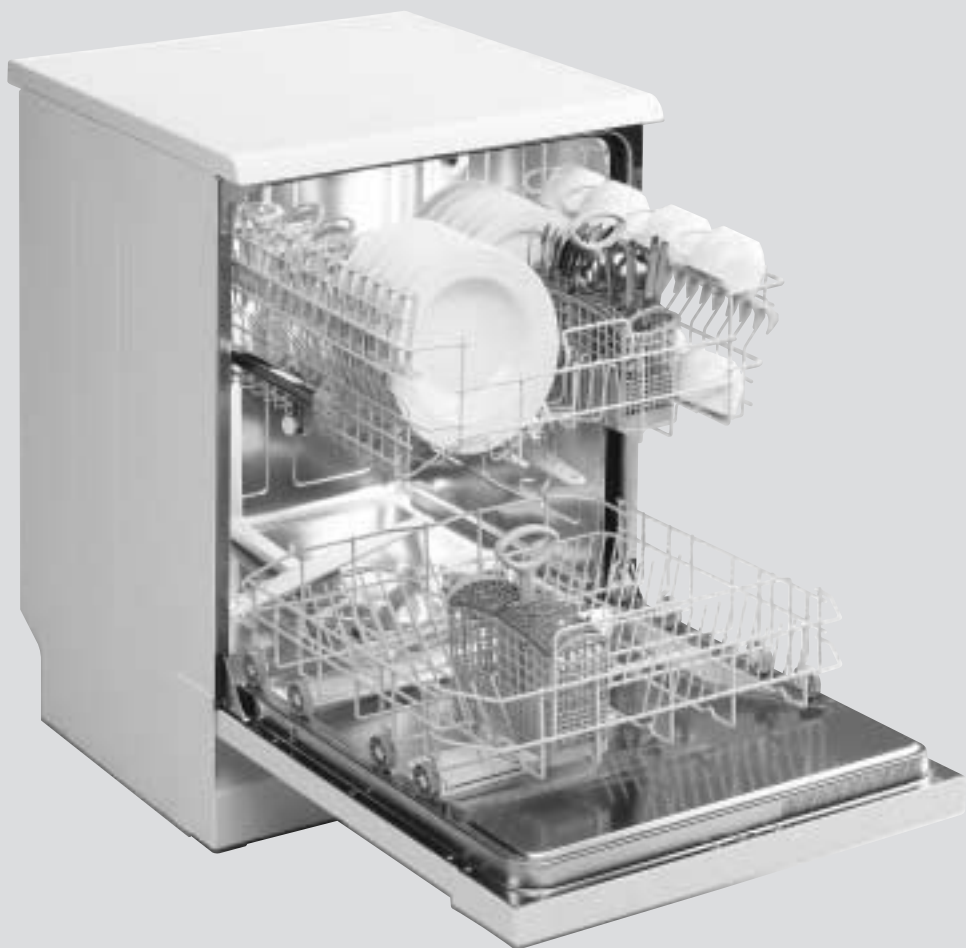


Gebrauchs- und Installationsanleitung
User installation and operation manual





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DISHWASHER

INSTALLATION AND FITTING

1 CONNECTION TO THE PLUMBING

The water connection pipe is located on the back of the dishwasher:

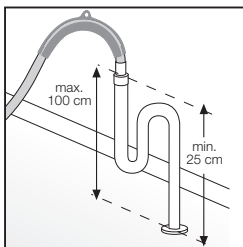
- a** Connect the pipe to the water inlet, tighten the connection nut and make sure it is securely connected to the appliance.



- b** The hose must run between the wall and the bottom space at the back of the dishwasher (b1) so that it is not squashed or overstretched.



There should be a fixed water outlet drain at a distance of between 25 and 100 cm from the floor. Make sure that the outlet pipe is not too rigid, bent or squashed.



If your dishwasher has a hot water inlet, connect the pipe to the hot water tap. **In this case, the maximum temperature must not exceed 60°C.** Bear in mind that this type of water supply may affect the washing and drying capacity of the appliance.

IMPORTANT

It is very important for the bend pipe of the outlet hose is located securely in water outlet so that it cannot disconnet. The operating water pressure (minimum and maximum) must be between 0,5-10 bar (0,05-1 MPa).

2 ELECTRICAL CONNECTION

Please refer to the specification label on the top edge of the door before making the electrical connections. Make sure that the power voltage connected to the plug socket is as shown on the label.

! It is very important for the dishwasher to be connected to an earthed plug socket. The electrical installation, plug, socket, fuses or circuit breaker and meter must be capable of the maximum power shown on the specifications label. If the power cable is damaged, it must be replaced exclusively by the manufacturers, aftersales service (TAS) or authorised personnel. If the appliance is to be recessmounted and integrated, the plug must be accessible after installation.



IMPORTANT

The specifications label is on the top edge of the interior of the door. This label must never be removed, since it provides information about the exact model of the dishwasher, required power supply, serial number and warranty.

3 LEVELLING AND POSITIONING

LEVELLING

It is important for the dishwasher to rest firmly on the floor, in a perfectly upright position. It should then be levelled to rectify the effect of any unevenness of the floor. Use a spirit level.

POSITIONING

If the appliance is to be positioned under a worktop, top can be removed or left in position.

- a** If you want to remove the cover, you can do so by removing the two screws from the back of the cover.
- b** Remove the rear counterweight and pull out the insulating blanket, if the model has one.



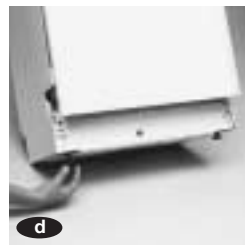
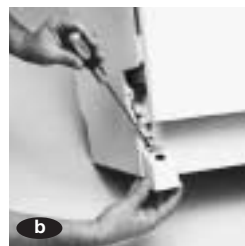
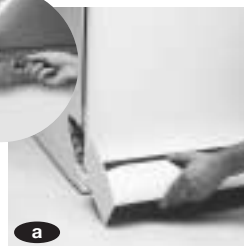
- c** Then pull the support blocks for the cover outwards and backwards.
- d** Some integrated models have a rod for levelling the rear feet from the front of the dishwasher.
- e** Before fitting the dishwasher into the recess, move it up to the space and raise it by turning the rear foot to leave a space of some 3 millimetres from the worktop.
- f** Fit the dishwasher into the space. Adjust it to the worktop until the top part of the dishwasher is touching the lower part of the cabinet worktop.



Fitting a dishwasher into a row of cupboards.

When fitting the dishwasher into a row of kitchen cupboards with a continuous plinth:

- a** Unscrew and remove the base.
- b** Loosen and remove support legs.
- c** Screw the adjustable legs into the dishwasher.
- d** Refit the base to the cupboards and, if necessary, make any height adjustment to plinth to the required height to allow the dishwasher to fit properly behind.

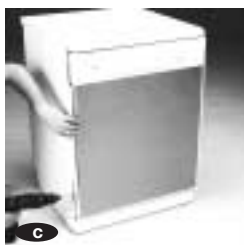
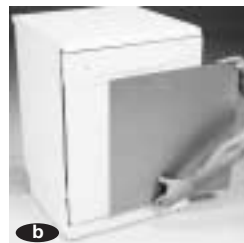


4 PANEL-MOUNTING

PANELLING


Simply **fit the same decor panels or doors as the kitchen cupboards** to the dishwasher door. Said panels must be more than 4 mm thick.

- a** Remove the frame around the door by unfastening the screws.
- b** Cut the panel to size: 596 x 586 mm.
- c** Fit the decor panel or door. To fasten the new decorative panel in place, screw the frame back onto the door.

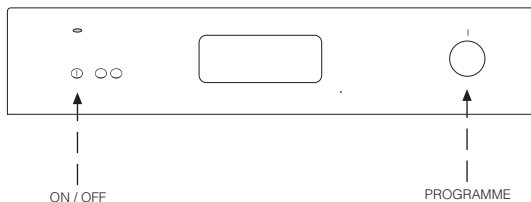
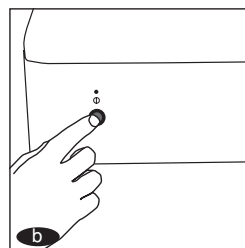
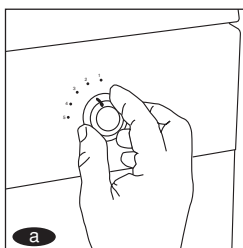


5 PRE-WASH

Once the dishwasher has been installed correctly, it should be first used on prewash programme:

- a** Select programme 1 (pre-wash), without utensils or detergent.
- b** Press the On/Off switch. 

This is to check the installation, the connections and the drain outlet, as well as to completely wash the interior before running a wash programme



DISHWASHER

USING THE APPLIANCE - A FEW PRACTICAL TIPS

1 WATER HARDNESS, SALT, RINSE-AID AND DETERGENT

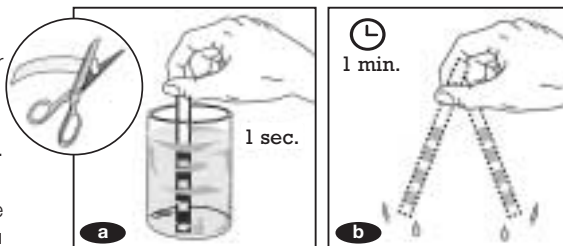
! Water hardness adjustment. Water contains scale. The more scale, the harder the water. To prevent the scale in the water from damaging the dishwasher, it is equipped with a descaler to reduce the scale and leave it perfectly clean for washing. The descaler uses salt to function.

Before starting up the dishwasher, you will need to know the water hardness in your area. You can find this out by either:

- 1° ■ Consulting the local Water Board,
- 2° ■ consulting the T.A.S. (Technical Assistance Service), or
- 3° ■ using the Aquadur strip included in the accessories bag, following the instructions below.

To find out the water hardness:

- a** Place the strip in a glass of water for one second, and then take it out.
- b** Shake it and wait for one minute.
- c** The strip will show the water hardness. Check the result of the test against the table below. You will probably need to adjust your dishwasher.



Scale level (HF)	0-13 HF	14-38 HF	39-50 HF	51-63 HF	Over 63 HF
Scale level (DH)	0-7DH	8-21 DH	22-28 DH	29-35 DH	Over 35 DH
Test result					
Dial position	Manual No salt needed	Position 1	Position 2	Position 3	Position 4
	Electronic L0	L1	L2	L3	L4
Hardness	Soft	Standard	Medium	Hard	Very hard

HF: Water hardness (French system) DH: Water hardness (German system).

If no salt needs to be added to your dishwasher, go straight on to the "rinse aid" section.

Controlling the salt level

Depending on the model, dishwashers will have a manual or electronic salt level control.



This simple adjustment of your dishwasher is vital for its correct functioning. Do not ignore it.

MANUAL REGULATION

If there is a salt regulator like the one shown in the photographs (Mod. A-B) inside your dishwasher on the right-hand side, turn it to the number that corresponds to the hardness of the water in your area (see table).

To turn it to the correct position, use a coin (Mod. A) or a screwdriver (Mod. B).



REGULATOR Model A



REGULATOR Model B

Where to put the salt

The dishwasher has a salt container in the bottom of the tub.

Important: use dishwasher salt only.

The first time you fill the salt container, you must:

- a** Pour in the salt but do not fill the container to the top.
- b** Top it up with water.
- c** Stir with a spoon.
- d** Close the lid tight and clean the salt around the container.

When the salt container needs filling, you should always do it before a wash and not afterwards.



RESERVOIR A SEL



a



b



c



d

When does the salt need refilling?

A pilot light will come on to show when more salt needs to be added.



IMPORTANT

You should not use salt if your dishwasher does not need it. In this case, the pilot light will remain on at all times.



Important:

If your dishwasher does not have a display or pilot light, you should periodically refill the salt that has been used (about every 20 washes for medium-hard water).

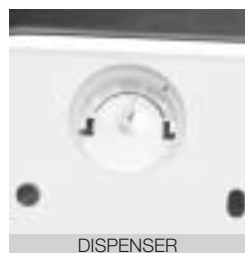
The rinse-aid helps drying and prevents drops of water from clinging to utensils after washing. The rinse-aid container is located on the inside of the door, next to the detergent container.

It has a 4-position dispenser for adjusting the amount of rinse-aid to the water quality (the dispenser is set at position 2 at the factory).

If you notice drops of water on utensils, increase the position of the rinse-aid dispenser. If the utensils have white or sticky lines, lower the position.

Once the level of the dispenser has been set, fill the container to the top, but do not overfill it. If this occurs, clean the spillage with a cloth.

a



IMPORTANT

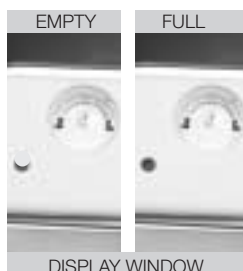
A greater amount of rinse-aid does not necessarily mean better results. In fact, too much rinse-aid can lead to water marks.

When do I need to add rinse-aid?

The dishwasher tells you when you need to add more rinse-aid. Depending on the model, there are two types of indicator: window or pilot light.

Window. Transparent window next to the rinse-aid container lid. If the bottom of the window is a light colour, you need to add rinse-aid. If it is dark, there is sufficient rinse-aid in the container.

Pilot light on the front of the dishwasher indicates when the rinse-aid container needs to be topped up.



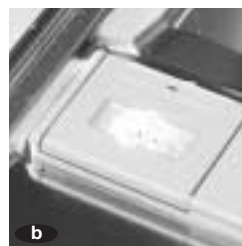
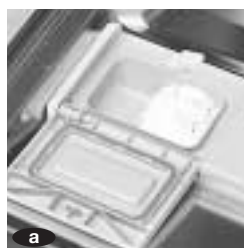
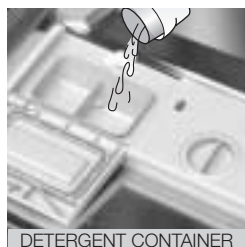
Detergent

The detergent is poured into a tank on the inside of the door, beside the rinse aid tank.

- a** Pour in the detergent, then close the tank cap.
- b** Some programmes also require part of the dose of detergent to be poured into the tank cap compartment.

Detergent comes in tablet, powder and liquid form.

You can consult the amount of detergent needed on the programme chart.



If you use detergent tablets instead of traditional products (granulated salt, powder detergent, liquid rinse aid), you may notice a loss of efficiency, particularly in the case of short programmes and/or programmes with low wash temperatures.

If you notice any performance problems with your dishwasher, e.g. there is a white film on the tank or on the dishes, an accumulation of scale or poor drying efficiency, you should go back to using traditional products.

We would remind you that if you go back to using traditional granulated salt, you will need to run a few programmes before the dishwasher performs perfectly again, and there may still be some residue left on the tank and dishes.

If you wish to use combined tablet products, read the instructions and indications for use on the packet carefully.

In case of doubt, consult the cleaning product manufacturer.

We provide no guarantee for any complaints directly related to the use of this type of products.



2

TABLEWARE AND UTENSILS. TYPES AND POSITIONING

Types of dishes

Not all utensils can be washed in a dishwasher. Do not attempt to wash items made of wood or earthenware or plastic that is not heat resistant.

Stainless steel cutlery can be washed easily; however, ensure that **silver** cutlery does not come into contact as they may stain.

Items made of **aluminium** may fade in time.

Patterns on decorated porcelain may wear off if the quality is not good. Check with the manufacturer of China.

Only wash **glasses** that are dishwasher-compatible.

Cut **glass** should not be washed in dishwasher.

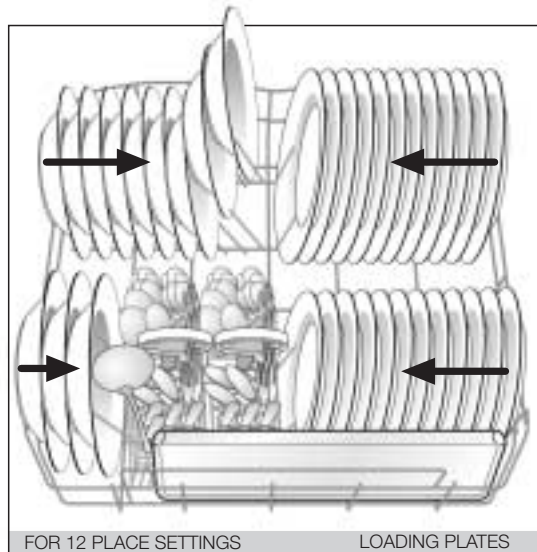


Please make sure your utensils are dishwasher-compatible.

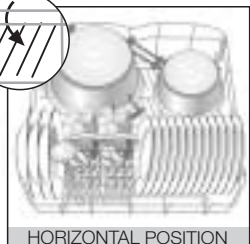
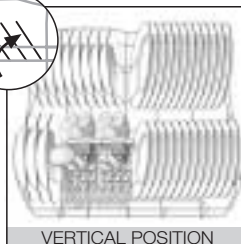
Placing the utensils in the dishwasher

It is very important to place the utensils correctly in the racks to guarantee a perfect wash.

- a** The lower rack is for dirtier, more resistant items: pans, oven dishes and plates. Make sure there is sufficient space between each one for the jet of water. Pots must be placed upside down.
- b** If your model has **fold-down racks**, you can use them in vertical position for washing plates or in horizontal position for large items such as saucepans



EN-50242



IMPORTANT

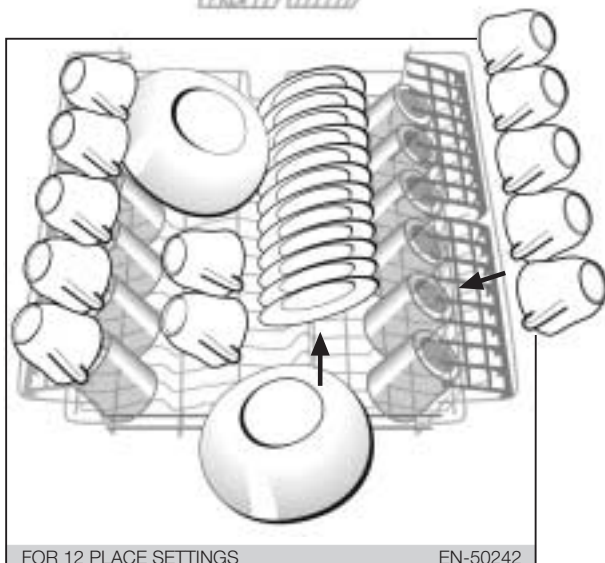
Bowls are placed on the left and plates on the right. Start loading plates from the outside of the rack to the inside. Plates should not be touching.

c **Les couverts**, Except for knives, cutlery should be placed in the cutlery rack, with the handles at the bottom.

d Place the more delicate items, such as cups, glasses, porcelain or crystal, and standard-size plates in the **top rack**. Long cutlery has a special place. There are also racks which, when vertical, are for holding wine glasses.

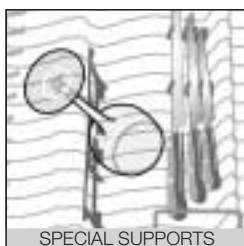
If you have selected the **Express programme** or the **Top Load** function, the dishes are to be loaded into the **top basket** only.

If you have selected the **Bottom Load** function, you should load the **lower basket** only.

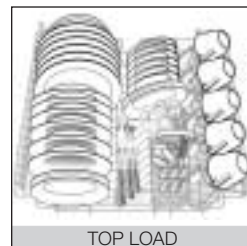


FOR 12 PLACE SETTINGS

EN-50242



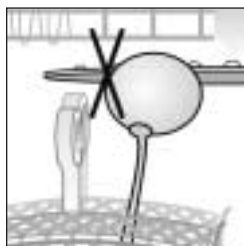
SPECIAL SUPPORTS



TOP LOAD

IMPORTANT

When you have loaded the dishwasher, make sure the sprinklers can spin freely and that the cutlery will not prevent the detergent tank cap from opening.

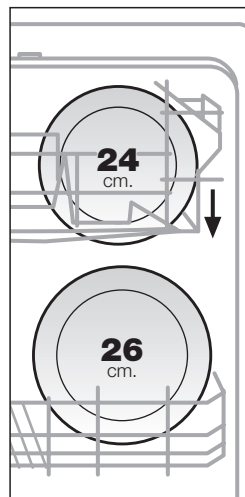
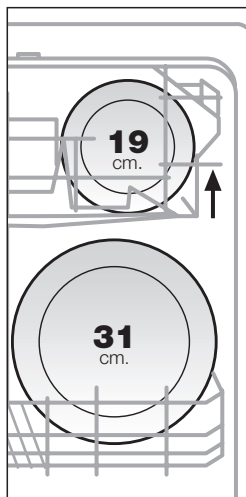


Adjusting the racks

The racks can be adjusted in accord with the load.

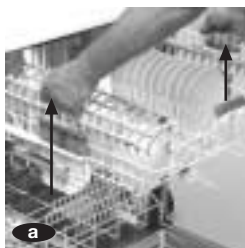
The top rack can be placed at two different heights for washing different-sized plates.

In the upper position, the top rack holds standard-size plates of up to 19 cm and the bottom rack holds plates of up to 31 cm. In the lower position, the top rack holds plates of up to 24 cm and the bottom rack holds plates of up to 26 cm.



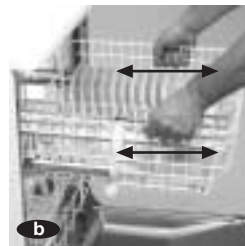
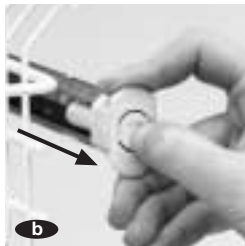
a Top rack model A:

This can be adjusted without being removed from its rails, even when loaded with utensils. To raise or lower its position, pull the rack upwards by the side handles. Check that both sides are at the same height. If not, make them level.

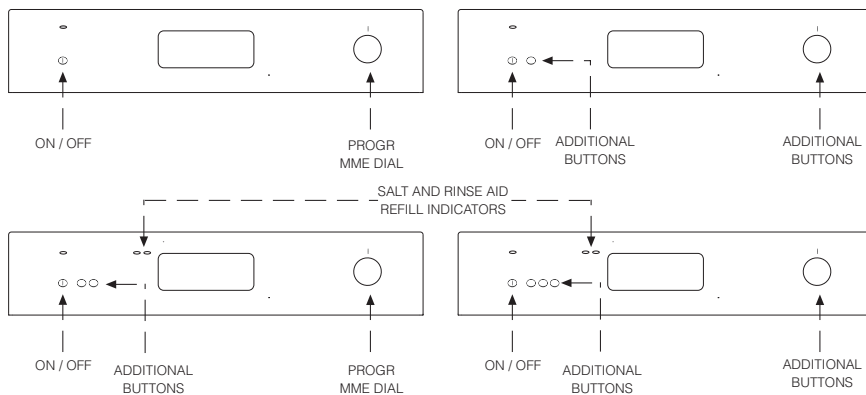


b Top rack model B:

Remove the stop that prevents the rack wheels from coming out of the rails. Pull the rack towards you and take it out. Position the basket at the height required. Replace the stop in its original position making sure it fits right in longitudinally on the rail; you will hear a click when it locks in place.



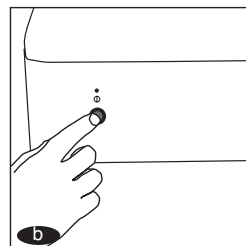
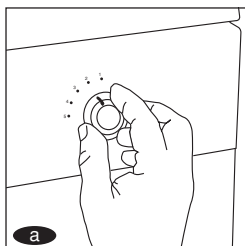
3 SELECTING THE WASH PROGRAMME



To select the wash programme proceed as follows:

a Select the wash programme.

b Press the **ON/OFF** switch.



Additional function buttons.

Depending on the model you have chosen, the dishwasher will have additional buttons which are pressed according to the programme selected.

There are several programme types depending on the model of dishwasher. It is very important to select the most suitable programme in accordance with how dirty the dishes are and the amount and type of dishes.

PROGRAMME TABLE- 1 BUTTON MODEL


DIAL POSITION	PROGRAM ME TYPE	TEMPERATURE °C	TYPE OF DISHES	AMOUNT of DETERGENT (grs.)
1	Prewash	Cold	For dishes not to be washed immediately	No detergent
2	Intensive	65	For very dirty dishes and pans	25 + 15
3	Normal	65	For very dirty dishes and pans	25 + 15
4	Economy	65	For slightly dirty dishes	25

PROGRAMME TABLE - 2-BUTTON MODEL

DIAL POSITION	ADDITIONAL BUTTONS	PROGRAM ME TYPE	TEMPERATURE °C	TYPE OF DISHES	AMOUNT of DETERGENT (grs.)
1	–	Prewash	Cold	For dishes not to be washed immediately	No detergent
2	–	Intensive	65	For very dirty dishes and pans	25 + 15
3*	–	Normal	55	For very dirty dishes and pans	25 + 5
4	e	Economy	55	For slightly dirty dishes	25
5	–	Quick wash	55	For very slightly dirty dishes	25



* Programme 3 is standardised in accordance with EN-50242

PROGRAMME TABLE - 3-BUTTON MODEL

DIAL POSITION	ADDITIONAL BUTTONS	PROGRAM ME TYPE	TEMPERATURE °C	TYPE OF DISHES	AMOUNT of DETERGENT (grs.)
1	–	Prewash	Cold	For dishes not to be washed immediately	No detergent
2	–	Intensive	65	For very dirty dishes and pans	25 + 15
3*	–	Normal	55	For very dirty dishes and pans	25 + 5
4	e	Economy	55	For slightly dirty dishes	25 + 5
4		Delicate	45	Special glass	25
5	–	Quick wash	55	For very slightly dirty dishes	25

On dishwashers with no 1/2 load

PROGRAMME TABLE - 4-BUTTON MODEL




DIAL POSITION	ADDITIONAL BUTTONS	PROGRAM ME TYPE	TEMPERATURE °C	TYPE OF DISHES	AMOUNT of DETERGENT (grs.)
1	–	Prewash	Cold	For dishes not to be washed immediately	No detergent
2	–	Intensive	65	For very dirty dishes and pans	25 + 15
3*	–	Normal	55	For very dirty dishes and pans	25 + 5
4		Economy	55	For slightly dirty dishes	25 + 5
4		Delicate	45	Special glass	25
5	–	Quick wash	55	For very slightly dirty dishes	25

* Programme 3 is standardised in accordance with EN-50242

Half load

If your dishwasher has a 1/2 button, you can use the dishwasher when it is only half full (6 place services). To do this, proceed as follows: 1) select the programme as shown in the corresponding boxes; 2) press the 1/2 button, and 3) **place the dishes in the top basket**. The amount of detergent to be added is 15+5 grs. for the Intensive Programme and 15 grs. for all other programmes.

PROGRAMME TABLE - 5-BUTTON MODEL

DIAL POSITION	ADDITIONAL BUTTONS	PROGRAM ME TYPE	TEMPERATURE °C	TYPE OF DISHES	AMOUNT of DETERGENT (grs.)
1	–	Prewash	Cold	For dishes not to be washed immediately	No detergent
2		Intensive	65	For very dirty dishes and pans	25 + 15
3*	–	Normal	55	For very dirty dishes and pans	25 + 5
4		Economy	55	For slightly dirty dishes	25 + 5
4		Delicate	45	Special glass	25
5	–	Quick wash	55	For very slightly dirty dishes	25

* Programme 3 is standardised in accordance with EN-50242

4

WASH PROGRAMME PHASES

If the dishwasher is functioning and...

- You wish to add another dish.
- You wish to change the wash programme.

1. Press the On / Off button.
2. Place the dish in the dishwasher and/or change the wash programme.
3. Press the On / Off button.



NOTE: For safety reasons the programme will restart after a few seconds.

IMPORTANT

Do not open the dishwasher door during the washing process. This could interfere with the programme phases.

5

POWER CUTS

If a power cut occurs, when the electricity comes back on the washing

machine will continue to run from where it left off.

6

BASIC TIPS

There are a few things you should always bear in mind. If you do, your dishwasher will last longer and be more efficient.

- a Fill the dishwasher:** Try to make the most of your dishwasher's capacity. This will help you reduce water and electricity consumption and lead to quieter operation and be more economical.
- b Position utensils correctly.** For best quality washes, the spray arms should be able to spin freely. Likewise, the utensils should be positioned correctly to ensure that they are reached by the jet of water.
- c Programme selection.** Select the correct wash programme as required (see the programme chart on pages 36-37).

DISHWASHER

APPLIANCE MAINTENANCE AND CLEANING

You should perform the cleaning operations regularly so that your dishwasher will last longer. You should do the following every three months:

- Clean the filter.
 - Clean the spray arms.
 - Clean the inside.
 - Clean the outside.
- This will make your dishwasher last longer.

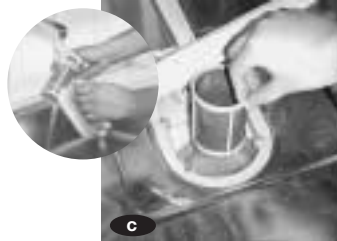
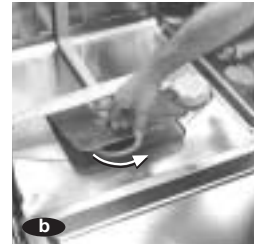
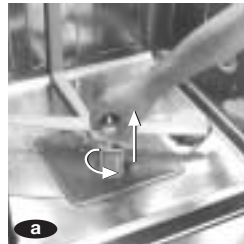
IMPORTANT

If you are planning to be away for a long period, leave the dishwasher door open so that the air can circulate freely inside the machine.

1 CLEANING THE WASH FILTER

The filter is made up of two or three parts (depending on model type): interior filter, exterior filter and filter protector. It is located at the bottom of the dishwasher under the bottom rack.

- Take out the bottom rack, remove the interior filter by turning it anticlockwise and pulling it upwards.
- Remove the exterior filter.
- Remove the filter protector (some models).
- It is essential that filters are put back in place correctly. Make sure the filter protector is in place. Make sure the filter protector is in place. The exterior filter fits into position. Put the interior filter in position and turn it clockwise as far as it will go.



2

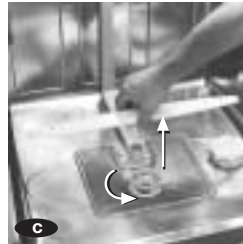
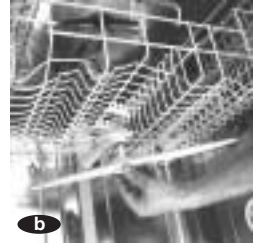
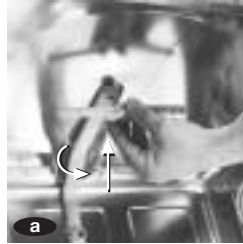
CLEANING THE SPRINKLERS

The third sprinkler (depending on the model), the top sprinkler and the bottom sprinkler should be cleaned every three months. To remove the sprinklers for cleaning:

- a** The third sprinkler is removed by pressing upwards on it and then unscrewing it.
- b** The top sprinkler is fitted to the top basket. It should be totally unscrewed to remove it.
- c** The bottom sprinkler is removed by turning the lower screw to the left to loosen it and then pulling upwards on the sprinkler.

Rinse the sprinklers under the tap and clean them with a non-scratch sponge.

The water outlet holes must be kept clean. Unblock any holes that are obstructed. Then put the sprinklers back.



IMPORTANT

Before any cleaning or maintenance operations, **unplug the dishwasher** from the mains.

3

CLEANING THE INSIDE OF THE APPLIANCE

The dishwasher should be cleaned every three months to remove the dirt lodged in the appliance.

Instead of detergent, use appliance cleaner (follow the manufacturer's instructions).

4

CLEANING THE OUTSIDE OF THE APPLIANCE

Clean the outside with a cloth and soapy water. Use non-scratch and non-abrasive products. Dry with a cloth.



IMPORTANT

For safety reasons, make sure the appliance is not in operation while it is being cleaned.

If you find a problem when using your dishwasher, you will probably be able to solve it by consulting the following section.

If this is not so, please contact the TECHNICAL ASSISTANCE SERVICE and be ready to provide as much information as possible.

1

TECHNICAL OR FUNCTIONAL PROBLEMS

• Why won't the dishwasher start?

This may be because:

- There is no power.
- It isn't plugged in correctly.
- The power fuses have blown.
- The dishwasher is not connected to the mains.
- You haven't pressed the On/Off button (the pilot light for this button must be on continuously).
- The dishwasher door is not closed correctly.
- You have not pressed the Start button.

• The dishwasher starts up but no water comes into the appliance

This may be because:

- There is no water supply.
 - The stop tap is off.
- The water inlet electrovalve filter is blocked.

• The water does not drain off and stays in the dishwasher

This may be because:

- The drain is blocked or badly fitted.
- The drainage pipe is blocked or kinked.
- The filters are blocked.
- The selected programme has not ended. Wait until it finishes.

• The low salt level pilot light does not go off

This may be because:

- A low salt level. Add salt and stir with a spoon.
- The water hardness is below 7DH, which means that salt is not necessary. In this case, the light will always be on.

- **Traces of detergent are left in the dispenser or on the door.**

This may be because:

- One of the utensils is preventing the dispenser from opening.
- The detergent is past its expiry date or is not appropriate.
- The spray arms rub on a dish.
- The spray arm nozzles are blocked.
- The detergent container was damp when the detergent was added. The container must be dry.

- **Unusual foam appears:**

– You have used detergent for washing dishes by hand instead of special detergent for dishwashers.

- **The dishwasher uses a lot of salt.**

This may be because:

- The lid to the salt container is not closed correctly.
- The salt consumption level is not at the correct setting.

- **The dishwasher makes strange noises.**

This may be because:

- The dishwasher was not installed correctly.
- The spray arms rub on a dish.

2

PROBLEMS WITH THE QUALITY OF THE WASH

- **Remains of dirt or food on the utensils**

This may be because:

- The wash filter is dirty, blocked or not correctly in place.
- The spray arm nozzles are dirty or the arms are blocked by a utensil.
- The detergent is inappropriate or there is an insufficient amount.
- The utensils are not positioned correctly. Some utensils are in contact with others.
- There are too many utensils in the racks.
- The wash programme is inappropriate.
- The drain is blocked.
- The food remains on the utensils were too old and dry.

- **The utensils come out white**

This may be because:

- There was not enough detergent or rinse-aid.
- The salt container lid is not closed correctly.
- The salt container has no water or salt.
- The water softener is not correctly adjusted to the water hardness level.
- You have used a phosphate-free detergent. Try with detergent containing phosphate..

- **The utensils do not come out dry**

This may be because:

- There is no rinse-aid.
- The rinse-aid control is not set correctly.
- The utensils are positioned incorrectly.
- The utensils have been taken out too soon.
- The wash programme is inappropriate.

- **Glass or crystal comes out with a milky appearance or scratched.**

This may be because:

- They are not dishwasher-compatible.
- The detergent is inappropriate.

- **Glass or crystal comes out looking opaque**

- There is not enough rinse-aid.

- **The glasses and cutlery have a dull appearance and the glasses have a metallic shine.**

- Too much rinse-aid.

- **Utensils made of stainless or fine steel come out stained.**

This may be because:

- They are not dishwasher-compatible.
- The utensils are positioned incorrectly.
- You have used too much detergent.
- The steel is low quality.
- There is too much salt in the wash water. Close the salt container lid correctly.

FURTHER INFORMATION

INFORMATION FOR THE CORRECT DISPOSAL OF ELECTRICAL AND ELECTRONIC APPLIANCES

When the appliance reaches the end of its service life, you should not dispose of it with the general domestic waste.

It can be taken free of charge to the local administrations' specific selective collection centres, or to distributors who provide this service.

Separating a domestic appliance before disposing of it means you will prevent possible negative consequences for the environment and health which may be given rise to by incorrect disposal, and it means the materials making it up can be treated and recycled, obtaining important savings on energy and resources.



To remind you that you must collaborate with a selective collection scheme, there is a symbol on the product warning you not to dispose of it in traditional refuse containers.

For further information, contact your local authority or the shop where you bought the product.