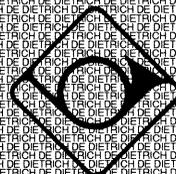


 **Dishwasher**

VZ9996U1 - VZ9999U1

De Dietrich



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Presenting your dishwasher Fig. 1



Safety precautions

Please read the information in this instruction leaflet carefully. It gives all the information you need for safety, installation, use and guarantees for the appliance. We advise you to keep this leaflet and to pass it on to the new owner if you sell the machine.

Please be sure to comply with the information below, so that we can fulfil our responsibilities :

- Dispose of the packaging in a suitable manner and comply with legal standards regarding protection of the environment.
- If there is any visible damage to the machine, do not connect it to the mains power supply, but contact your supplier.
- The machine must be located in a frost-free environment. In the event of frost, the hydraulic components may be damaged.
- The inlet and outlet pipes must be connected in accordance with the leaflet. Incorrect connections can lead to damage.
- In order to ensure good stability, flush-fitting machines must be installed under a continuous work top fixed to the adjoining cabinets.
- Do not climb or lean on the door of the dishwasher when it is open. The machine can overbalance or be damaged.
- The machine is designed as a dishwasher and must not be used for any other purpose.
- We advise you to only use dishwasher products and not solvents.
- You should store dishwasher products as well as other cleaning products out of the reach of children. These products have a corrosive effect on the mouth and pharynx if they are swallowed.
- Keep dishwasher products as well as other cleaning products out of reach of children. These products, if they are swallowed, have a corrosive effect in the mouth and pharynx.
- If the machine does not operate correctly for reasons other than those mentioned in this leaflet, disconnect the machine from the mains power supply (pull out the plug) or disconnect the fuse in the circuit concerned and contact our after-sales service.
- Broken machines should be taken to the closest recycling centre. Destroy the door closing system so it no longer works (children may close themselves in whilst playing and suffocate). Cut the electric cable after having removed the plug from the socket.
- You are strongly advised to disconnect the machine after use and turn off the water supply.
- Do not allow children to play with the machine or handle it.
- The water inside the machine is not drinkable.
- When the machine is running, do not open the door. This may result in important steam leakage or splattering of water.

Installation

Levelling : Adjusting the feet (Fig. 4)

Make sure that the machine is properly upright and stable. The four feet may be altered, adjust them if necessary using a wrench or a screwdriver. Badly adjusted feet may move the door off centre and make the machine unstable.

IMPORTANT: Do not connect the dishwasher to the power or water supply before completing installation.

If you are installing your dishwasher on carpet, adjust the feet so that you leave space for air to circulate underneath the machine.

Fitting your machine

The build-in sizes for this machine are given in the “technical features” chapter on page 10.

Fix the “anti-condensation” protection (delivered on the top of your machine) underneath your work surface.

To retain stability and correct alignment **you should fix it underneath** your work surface with the plate.

If your dishwasher **is underneath a work surface with a hob**, you must add thermal insulation to the top of the machine. You can obtain this thermal insulation kit from your dealer.

Assembling the panel

There are two ways of assembling the front of your machine:

- 1 – A door and false drawer
- 2 – A complete front panel

See the instructions on page 10 for this operation and use the assembly template and the accessories delivered with your machine.

Adjust the springs to set the door. See the **figure 15**. This operation is easier to carry out with the door closed.

Important: This machine functions equipped with a wooden panel.

Connection to the water supply (Fig.2)

Unless otherwise indicated on the original pipe, never connect your dishwasher to a hot water supply.

Use the water supply pipe supplied with the machine. Do not forget to place the joint in the tap end of the pipe. The water pressure may vary from 1 to 10 bar. In the event of high pressure, it is advisable to fit a pressure regulator. Your Water Company will give you the necessary information.

Protection against water damage

Your machine is equipped with systems that protect you from flooding.

- The **anti-overflow** safety device. The system automatically activates the drain pump if the water level in the tub rises too high.
- **Anti-leakage device**. This system interrupts the water supply if a leak is detected underneath the machine.

Your machine is equipped with a **anti-bursting pipe**. The reinforced water supply is equipped with a mechanism that interrupts the water supply directly at the tap in case of leakage.

If one of these mechanisms is started, contact the after-sales service to put it back into working order.

Evacuating waste water (Fig.3)

Connect the drain pipe

- A With a ventilated siphon. The drain pipe should be free in the siphon and should be no deeper than 20 cm.
- B The sink U-bend. Attention: do not forget to remove the siphon cover.
- C Directly into the sink.

Be careful to fix the drain pipe down to avoid flooding.

In any case, the end of the pipe must be between 60cm and 1m high.

Avoid folding the pipe when installing.

Supply pipe length: 1,50 m

Electrical connection

Warning: this appliance must be earthed.

Electricity must be connected through an earthed plug*. If electricity is to be connected directly, then the minimum distance between the main switch terminals must be 3 mm.

Installation

Replacing the electric lead : WARNING : In the interests of safety, the electrical supply lead should **ONLY** be replaced by the manufacturer's after-sales staff or a similarly qualified person.

* **De Dietrich cannot be held liable for any damage caused by the faulty earthing of the machine.**

In all cases, the connection must comply with the standards in force in the country concerned, together with the supplementary regulations of the Electricity Authority.

Replacing of a fuse:

After replacement of a fuse in the plug, the fuse cover must be refitted. If the fuse cover is lost, the plug must not be used until a replacement cover is obtained.

Softening the water

Adjusting the water softener

- In order to rinse dishes and glasses satisfactorily, the dishwasher requires soft water i.e containing little or no lime, otherwise water stains are left behind on crockery and glasses etc.
- The water Softener should be properly adjusted to optimise salt consumption and for best washing results.
- In order to ensure that the correct amount of salt is being used to regenerate the water softener, the water hardness adjuster needs to be set accordingly. To set this correctly the hardness of your water needs to be ascertained. Find on the table the level corresponding to the hardness of your water and the required adjustments or contact your local Water company to find the exact water hardness lever for your area.

Hardness of your water supply (in British (clarke) degrees)	salt requirements	Position	Adjust the cursor depending on the result to the adjustment position on the left of the tub.	Number of washes between two fills (about)
> 28	YES	5		20
22 to 28	YES	4		30
14 to 21	YES	3		50
10.5 to 14	YES	2		120
7 to 10.5	YES	1		—
0 to 7	NO	1		—

Important : The cursor must be in front of a figure

- If adjusting the water softener does not require the addition of regenerating salt (position 1), you should still fill the salt container with water before using.

The colour of the correct replacement fuse cover is that of the coloured insert in the base of the plug or the colour of that which is embossed in words in the base of the fuse recess or elsewhere on the plug. Always state this colour when ordering a replacement fuse cover.

Only 13 amp replacement fuses which are ASTA approved to BS 1362 should be fitted.

Note : Socket outlets are not permitted in bathrooms neither should any provision be made for connecting moveable electrical appliances. No electrical appliance is to be installed within reach of a person using a bath or shower.

- If you move or your water supply changes, adjust the water hardness settings. Check with your local water company.
- Consult your fitter for water that is more than 28 (position 5).

Filling the container with regenerating salt (fig. 5)

Filling with salt is essential for the regeneration of the resins that soften the water so removing the hardness from it, except if the water supply is already sufficiently soft. (see "Adjusting the water softener).

You should fill just before starting the programme.

- 1 - Unscrew and remove the salt container cap.
- 2 - Use a funnel to pour: fill the container with **regenerating salt** specially designed for dishwashers.
- 3 - **The first time, fill up with water**
Screw down the salt container cap again properly

Important: If adjusting the water softener does not require the addition of regenerating salt (position 1), **you should nevertheless fill the salt container with water before using. Never pour detergent into the container, you will destroy the water softener**

Identifying the regenerating salt level

A light on the control band tells you to add regenerating salt.



Adding the rinse aid

Rinsing product is necessary as it avoids stains on the dishes and makes drying easier.

IMPORTANT! Only use products intended for dishes and NOT detergents intended for hand washing!

Filling and adjusting the rinsing product container (Fig. 6 - 7)

Put the door in a horizontal position when filling the container and unscrew the cap in the door clockwise.

Fill to just below the to the adjusting lever.

If the product overflows during filling, remove the excess with a sponge to avoid foam forming.

If you experience stains or bad drying after several cycles, you may if necessary adjust the dosage using the selector:

Soft water: level 1 to reduce the dose

Hard water: level 3 to increase it.

Finding the level of the rinsing product.

A light on the control band shows you requirements in rinsing product when the door is ajar.

Loading the dishwasher

In order to obtain good cleaning results, be sure to remove any large food residues before switching on the machine. Any burnt or stuck-on residues must be removed beforehand.

Your dishwasher has two baskets for 12 place settings (140 items) in accordance with DIN Standard 44990. (fig. 10 et 11). Always point the inside of the crockery downwards. Ensure that no item conceals another and that nothing obstructs the spraying facility. After switching on, check that the spraying arms can move freely. No item should overlap the baskets.

Lower basket (Fig. 8 - 9 - 10)

Place the dishes so that water may circulate freely and spray all the utensils. (Avoid attaching and piling dishes up).

This basket is especially intended to hold: plates, cutlery, dishes, frying pans, saucepans.

Put large-sized plates and frying pans on the side

Avoid mixing plates and soup dishes. **You should preferably place same-sized plates together. Place soup dishes at the back, in the high pin area.**

Make sure nothing obstructs the rotation of the lifting arm (saucepan handles, cutlery or large dishes).

Collapsible racks on the front of the basket facilitate storing large recipients.

The cutlery trays slide and can be put anywhere on the lower basket. You can adjust them according to the dishes you wash.

Removable grids are available if you wish to load cutlery in an orderly fashion.

For optimum washing, you can use these separation grills

Cutlery: (Fig. 13)

- Place handles downwards.
- Separate silverware from other metals using the separating grill.
- It is preferable to place small spoons in the separating grills.

Important note: For reasons of safety, we recommend you place sharp-ended table knives blade down in the cutlery basket.

Long-bladed cutlery and other sharp utensils should be placed flat in the upper basket.

Upper basket (Fig. 11 - 12)

This basket is particularly intended to hold glasses, cups, ramekins, small salad bowls, bowls, saucers etc...

Place glasses so that they do not touch and tip them sufficiently so that they do not retain any water. **Place the hollow end of glasses, cups and bowls facing downwards.** Arrange the dishes methodologically to gain space (rows of glass, cups, and bowls)

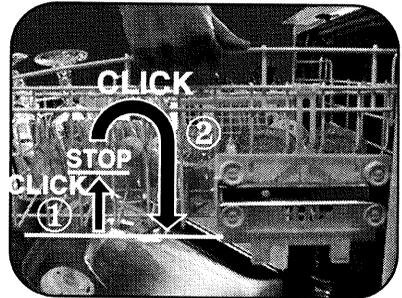
Use the height adjustable holding bar for large glasses or large-stemmed glasses. Cups, ladles, etc... can be arranged too on the rack.

The upper basket should be adjusted to the HIGH position when loading large plates in the lower basket. (The setting can be execute basket in charge.)

① **Setting the HIGH POSITION**
Slowly lift the basket until you hear a **click** on each side.

② **Setting the LOW POSITION**
Lift the basket completely on both sides (**click**) and then follow it downwards.

Make sure that the two runners are adjusted to the same level.



Adding the detergent

The washing product container has been placed in front of the upper basket to make the machine easier to fill. This means that you can load the washing powder without bending down or completely opening the door.

Use washing products specifically designed for dishwashers. See the manufacturers' recommendations on the packet as well as the advice for use below.

The distributor offers you a choice between using tablets, powder or liquid detergent.

Before starting the programme :
put the **tablet** in the upper compartment.

Put the tablet in the outside compartment. Using tablets is particularly recommended for the Eco programme and for full loads of dishes.

Or,

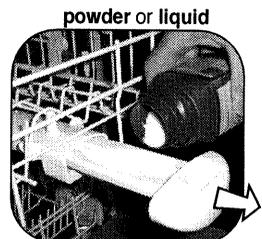
Pull the container to fill with washing **powder** or **liquid** and fill up to:

Minimum setting for slightly dirty dishes

Maximum setting for dirty dishes

Close the container

VERY IMPORTANT: keep all products out of the reach of children and away from humidity.



Choice of programmes

The control band in the upper section of the door is visible on opening.

- Press the ON button  to start the machine
- Press the programme button of your choice
- Select 1, 2 or 3 option choices if necessary
- Press the START button  to confirm your selection

The meaning of the symbols is listed on the sticker attached in the document folder. If you wish, stick it to your machine's door.

Pre-wash: 

Very short cycle, without detergent, moistens dishes before washing the next day or the day after.

Intensive 65°C: 

Recommended for very dirty or greasy dishes
(difficult stains: fat, sauce, cooking or frying stains..)

Normal 60°C: 

Recommended for normally dirty dishes (daily stains)

Eco 55°C: 

Recommended for dishes that are slightly dirty or greasy.

OPTION Quick: 

Recommended for slightly dirty non greasy but fragile dishes

OPTION Half-load 1/2

Recommended for slightly dirty and greasy dishes. Up to 6 place settings

OPTION Delayed start (between 3 and 6 hours) 

To delay washing by 3 hours, press the button once and twice to delay 6 hours. Pushing the button for a third time will select an immediate start. The cycle will only start when you confirm this by pressing "Start".

Objects not suitable for your dishwasher

- Wooden chopping boards
- Pewter or copper objects
- Non-stainless steel objects
- Cutlery with wooden, horn or mother-of-pearl handles
- Antique or hand-painted crockery

When buying dishes or cutlery, check they are suitable for dishwashers.

For information purposes: (according to drying)

	<u>Duration</u>	<u>Water</u>	<u>Electricity</u>
Intensive 65°C	90 min.	19 L./21 L.	1,6 kWh
Normal 60°C	85 min.	14 L./16 L.	1,4 kWh
Eco 55°C	80 min.	14 L./16 L.	1,23 kWh
Normal + option 	35 min.	14 L./16 L.	0,9 kWh
Normal + option 1/2	60 min.	11 L./13 L.	0,9 kWh

The values correspond to normal conditions of use. They may vary with the load, the temperature, the hardness of water or the supply voltage.

Operation

Immediate start

Make sure that no “delayed start” is selected. The 3 hours and 6 hours lights are turned off.

The programme chosen will start on closing the door.

For optimal washing, avoid opening the door when the programme is running.

Delayed start

The programme selected will start after confirmation, when the time chosen has elapsed.

Programme termination

The end of the programme is signalled by an intermittent ringing. This signal stops after 15 minutes or on opening the door. The “Start” light goes out.

Note: The ringing is deactivated automatically when a delayed start is selected (option most used at night).

Cancelling the ringing signal

You can cancel this ringing by holding the “prewash” button  down whilst pressing the “Start” button. 

A simple beep confirms the operation. If you want to restore this function repeat the same operation. It will be confirmed by a double beep.

Drying choice

With or without condenser

You can deactivate the condenser function (water saving) by holding the “Normal Wash” button down and by pressing the “Start” button.

A simple beep confirms the operation. If you want to restore this function repeat the same operation. It will be confirmed by a double beep.

Cancelling or modifying the programme and the options.

The programme and options selected remain memorised at the end of the cycle.

Press one of the four programme buttons to modify your choice.

The option is cancelled by pressing the button chosen again.

To cancel a programme and the options you should press the “Start” button for three consecutive seconds. All lights will go out with the exception of the selected programme.

The programme and option indicator lights

go on once the machine is powered on and indicate you that you have chosen a programme. They remain lit as long as you delay selection.

The missing product indicator lights

go on when the machine is turned on.

Salt:  lights up when the salt level is low.

After you have added regenerating salt it may stay on until the salt has dissolved sufficiently. This happens generally after a cycle (or if you have not properly filled the machine – see page 5) for example when starting off with the sample.

Note: where water is particularly soft regenerating salt is not needed but the light will remain on.

Rinsing product:  Goes on, door ajar, when you should add rinsing product (see filling page 6)

Economical and ecological washing

Do not pre-wash your dishes by hand.

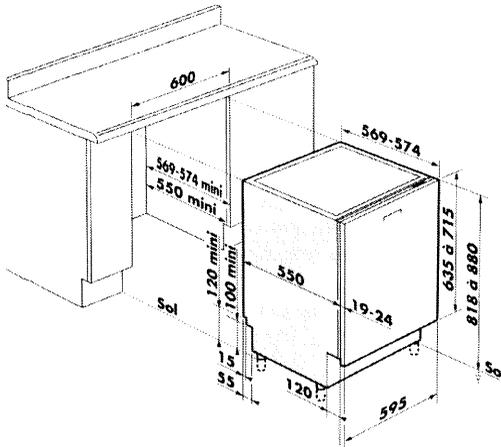
Use all the capacities of your dishwasher. It will wash economically and ecologically.

Always choose the programme best adapted to the stains and the type of dishes.

Avoid using too much detergent, regenerating salt and rinsing liquid. Observe the recommendations contained in this manual (pages 5, 6 and 7) as well as the product manufacturer's instructions.

Make sure that the water softener is properly adjusted. (see page 6)

Technical characteristics



Voltage: 230 - 240V - Fusibles : 13A
Power: 2150 - 2300 W
Capacity 12 place settings
Water pressure 1-10 bar
Water evacuation pipe height: 60-100 cm

Your dishwasher complies with the following European Directives 73/23/CEE (low voltage directive), 89/336/CEE (electromagnetic compatibility) modified by the directive 93/68/CEE.

Installing the panel door

If you use the door and false drawer, mount the door using the plans supplied with the machine. Fix the false drawer equipped with an opening handle, previously installed on the band using the six screws supplied in the plastic bag. (**Fig. A**).

The false drawer may be mounted level with the control band (fig.) or slightly raised (**Fig. C**) but should not overlap by more than 3mm maximum.

The handle on the false drawer's fixing screw heads must be flush with the false drawer.

If using a one-piece panel, assemble using the plan.

Do not forget to add the 4 fixing screws supplied in the plastic bag to the band.

Be careful to respect the 3mm minimum overlap between the top of the door and the decorative panel (**Fig. C**).

Fig. A

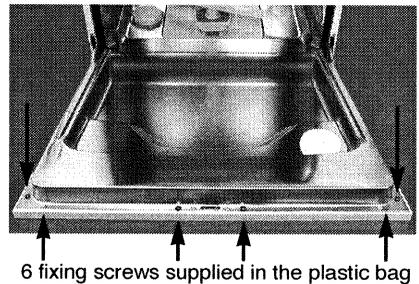
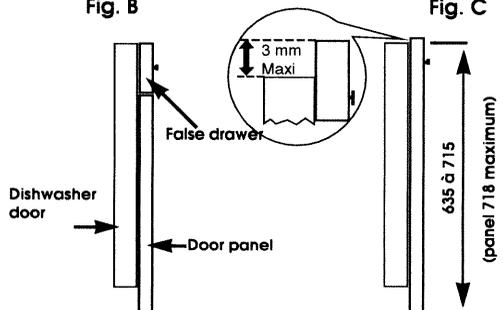


Fig. B



Cleaning and maintenance instructions

- Your dishwasher comes with a self-cleaning pulse filter that constantly filters small particles of dirt trapped in the washing bath.

The filter and the main filter cannot be dismantled as the cleaning arm constantly cleans them.

Regularly clean the waste trap. Pull the handle, remove the residue with a brush and clean with tap water. Put back in to its housing making sure you clip it down properly.

Clean as necessary

- Underneath the filters, around the door and the door joint with a damp sponge to remove any deposit.
- **Use only soap and water for the bodywork and control board.**

Do not clean with abrasive powders, scouring pads, spirit-based products or solvent.

Use preferably a cloth or a sponge.

- If you have stainless steel door you may use products adapted for stainless steel. See the manufacturer's instructions for advice on their use.

Every year

To maintain your machine in perfect working order you should clean it once or twice a year. Run an intensive programme with the machine empty and a special dishwasher cleaning product available from any reputable dealer.

Prolonged period of non-use

Clean your machine completely then unplug the electricity supply and close the water tap. Keep the appliance at a temperature above freezing.

Information for test laboratories

Capacity 12 place settings - **FIG. 10 - 11**
Intensive "condensation drying" function.
Comparative tests according to

IEC 436, DIN 44990 : "Normal 60°C" Programme 

EN 50242: "Eco 55°C" Programme 

- It is essential that the softener be adjusted to a setting immediately above the recommended one, according to the hardness of your water, to take into account the lack of phosphate in the standardised detergent.
- Rinsing product set at 2
- Quality of washing product : 30 g product B

Troubleshooting

Problems

Causes

The dishwasher will not start

- Is it plugged in?
- Is the door properly closed?
- Is the water connected?
- Check that the delayed start is on 0 (according to the model)

The dishes are not properly washed (or there are stains in it)

- Programme choice. Choose the programme best adapted to the type of wash
- Make sure nothing is blocking the circulation of the water
- Check the dishes are properly arranged.
- Only use specially designed washing products
- Check the waste well, filters, arms, joints and door rim are clean
- Clean the filter
- Check that the washing arm can freely rotate

Greasy stains

- Increase the dose of washing product
- Use a new packet of washing product
- Choose a better adapted programme

Limescale deposits on the dishes

- Check it is limescale (clean with vinegar). If yes:
- Check the hardness of the water

The dishes are dull

- Too soft water is aggressive for glasses.
- Check the hardness of the water
- Reduce the softener and if necessary remove the regenerating salt.

Traces of salt (salty taste on the dishes)

- Add water to the salt pot and reload if necessary.
- Cap badly closed.

Blackened or marked silverware

- Remove food residue immediately after use
- Separate silverware from other metals
- Choose detergent recommended for silverware

Traces of rust on knife blades

- Use knives suitable for dishwashers

The dishwasher does not empty

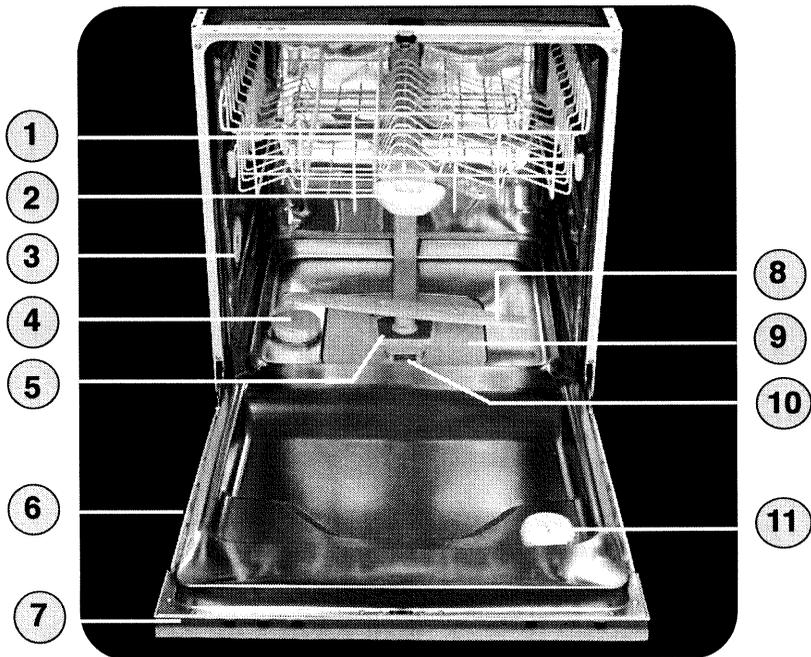
- Remove the siphon stop valve
- Check the drain pipe is not bent or crushed
- You have moved your dishwasher and have tipped it backwards. To restart the pump, unhook the draining rod, lay it on the floor at the end of a basin, draining should restart. Then turn off the "Start/Stop" button, put the draining rod back and restart your programme.

This machine complies with all applicable safety standards. Any repairs should be carried out by a qualified technician. Repairs carried out by unqualified technicians may be dangerous for the user.

If you have problems not covered by these remarks, consult your dealer or After-Sales Service. Have the machine type, series number or that mentioned on the rating plate (inside the door) ready.

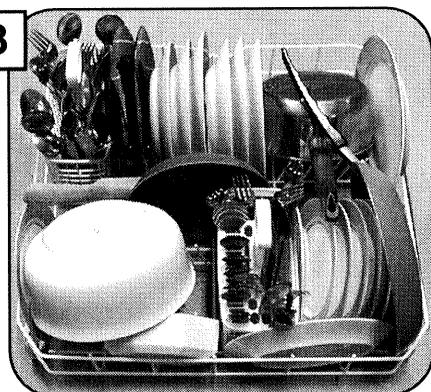
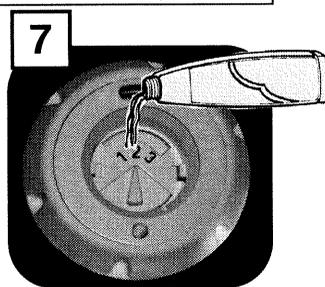
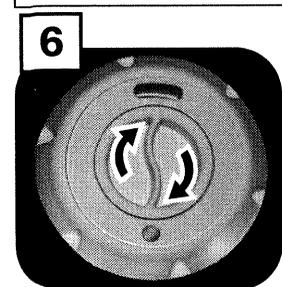
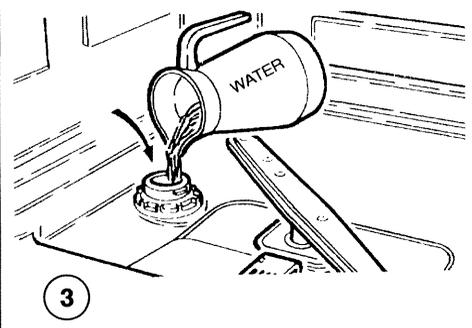
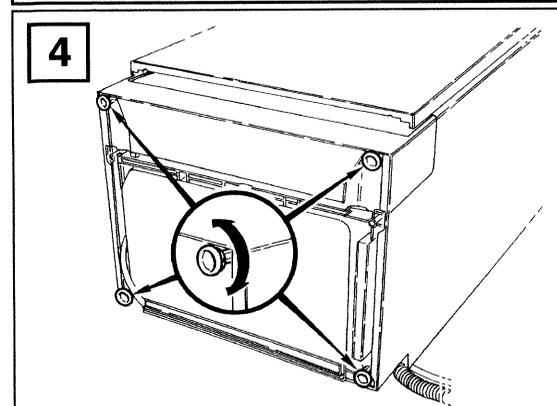
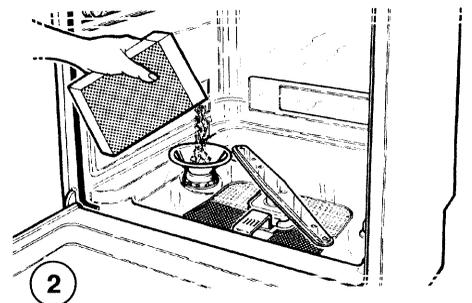
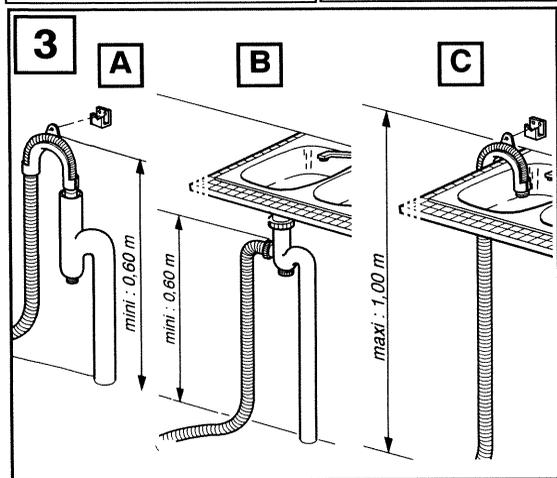
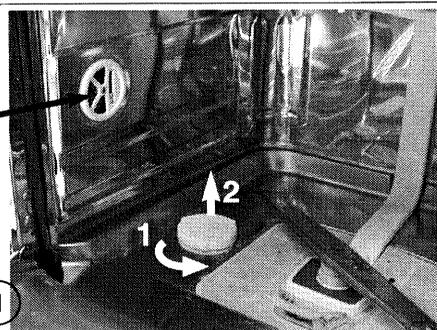
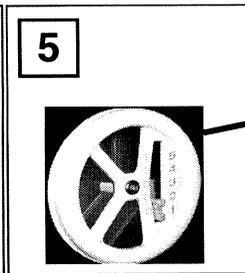
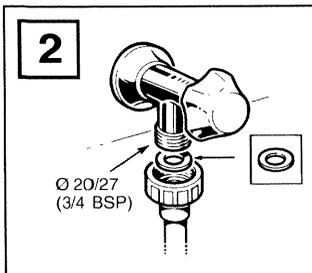
You will so avoid unnecessary delays and cost.

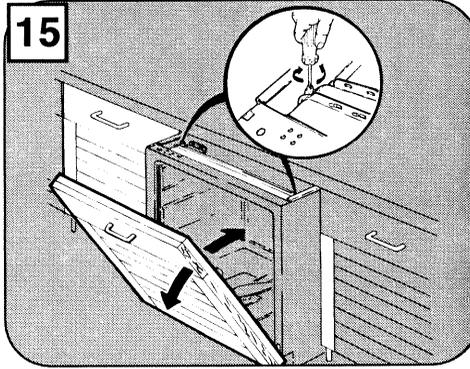
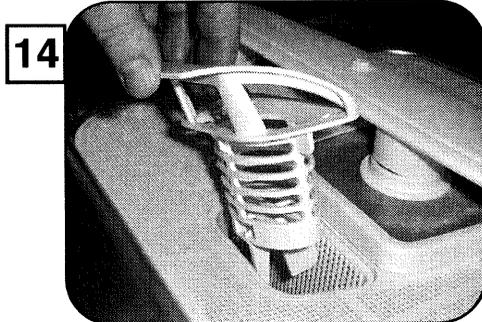
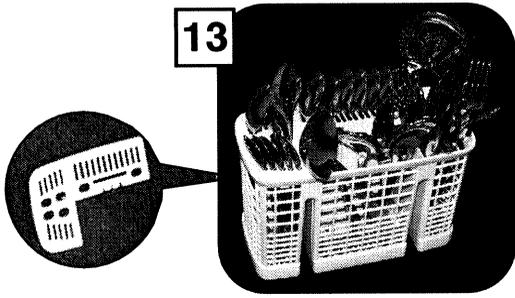
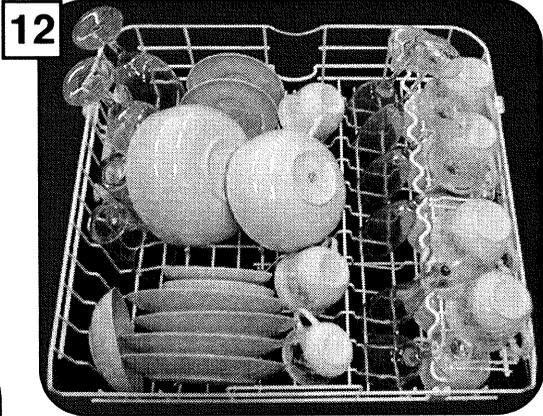
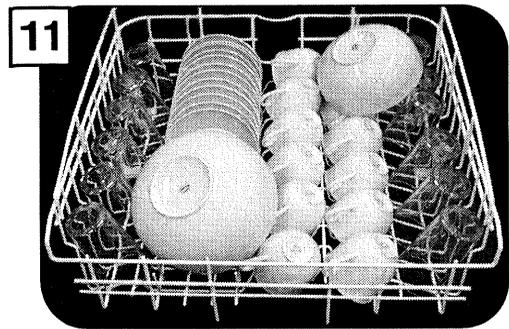
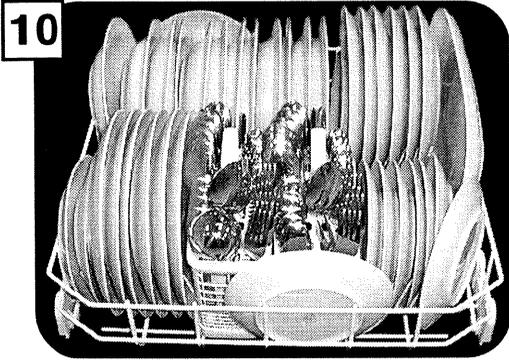
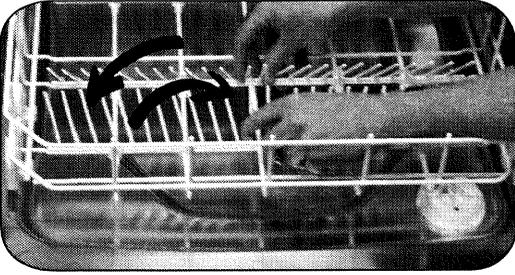
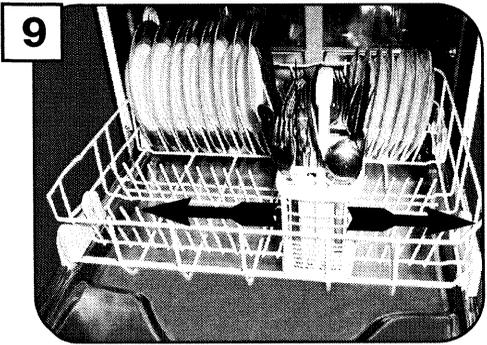


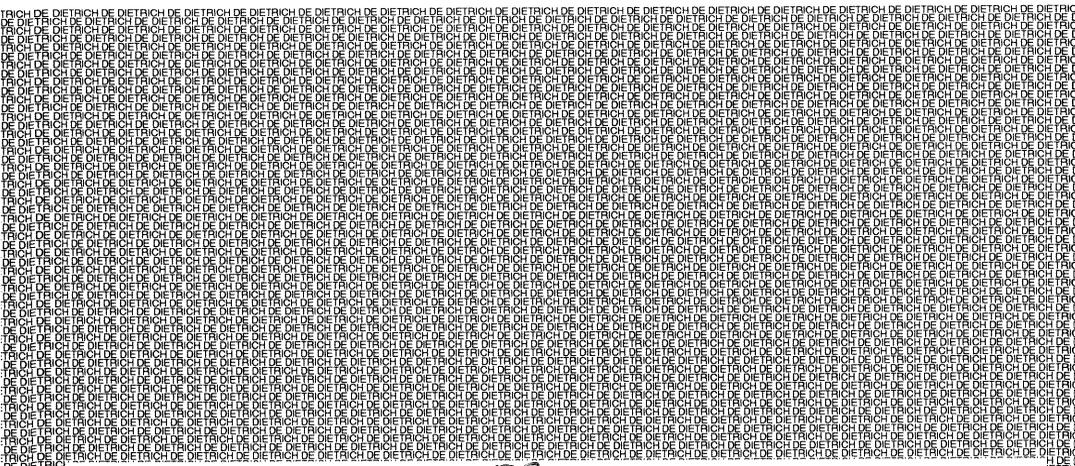


The photograph above, with the lower basket removed, shows the main points described in this Instruction Book.

- 1 - Upper basket
- 2 - Cleaning liquid container
- 3 - Water softener adjustment
- 4 - Regenerating salt container
- 5 - Self-cleaning micro filter
- 6 - Rating plate (After sales service references)
- 7 - Control panel
- 8 - Lower sprinkling arm
- 9 - Main filter
- 10 - Waste trap
- 11 - Rinsing product container







Code : 3.02131 C - 06/00

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