

GB

DISHWASHER

OPERATING INSTRUCTIONS

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**BEFORE READING THE INSTRUCTIONS, UNFOLD THE LAST
PAGES OF THIS LEAFLET, CONTAINING THE ILLUSTRATIONS**

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 electrical 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.

- 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.

-The machine complies with current safety regulations. Any repairs must be carried out by qualified personnel. Repairs and alterations which do not conform can be dangerous to the user. In the event of replacement, only use original components.

-Worn out machines must be taken out of service immediately. Disconnect from the mains power supply, cut the supply cable and break the lock on the door.

- We strongly advise that you disconnect the machine from the mains power supply after use.

- Do not allow children play with the machine or handle it.

- The water inside the machine is not drinkable.

- Do not touch the heating system after a wash programme (there is a risk of injury !).

- While the machine is operating, do not open the door, since steam will be released.

Assembly and levelling

Always block the dishwasher so that it is horizontal and ensure that it is level using a spirit level. Slight unevenness in the floor can be compensated for by adjusting the feet.

IMPORTANT : Only connect the dishwasher to the mains supply and to the water supply after final installation.

Your dishwasher can be fitted on its own or integrated into an existing fitted kitchen. Do not place the dishwasher near a gas cooker, as the work top frame may be damaged.

Fitting the dishwasher into a fitted kitchen must be done by a specialist.

If you wish to match the colour of your machine with that of surrounding equipment, you can cover the door with a panel. Proceed as follows :

• Preparation

- Cut a plywood panel to the following size (in mm) :
595 -1 x 585 -1 maximum thickness : 4.

• Covering the door

- Remove the 9 screws holding the angle piece, and remove the angle piece,
- Position the cut-out panel into place,
- Press the angle piece firmly over the panel and replace the screws.

• Special cases

• Protection against water damage

Your machine is equipped with :

- an **overflow** safety mechanism which automatically cuts off the water supply if the level of water in the tub is abnormally high.

If the mechanism is triggered, please call your after-sales service to repair the machine.

Installation

Water supply (fig . 2)

Your dishwasher must be connected to a cold water supply. To do this, preferably use the supply hose provided with the machine, connected to a threaded tap (fig.2). Do not forget to fit the sealing washer (fig.2). The water pressure may vary from 1-10 bar. In the event of high pressure, it is advisable to fit a pressure regulator. Your Water Company will give you the necessary information.

Flow (fig . 3)

Evacuation is carried out via the evacuation hose, which must be assembled fitted to a siphon. If necessary, the hose may be fitted over a sink provided that it is adequately fixed by means of a suction disc. In both cases, the height at the end of the hose must be between 60 and 85 cm. The hose must be fixed freely to ensure that it does not crack and its opening must be below the surface of the evacuated water.

Electrical connection

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.

- 230 V, 50 Hz.

- 16 A fuse.

Note : if you change the supply cable, you must replace it with a cable of the following type : HO5VV-F 3G1,5 mm².

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

For safety measure, it is not recommended to connect this appliance to any adaptor; no more with using an extension cord.

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.

The protection system and the model of the machine are marked on the plate on the inside of the door on the left. The machine must be switched off when the connection is made to the electrical circuit.

Description of the machine

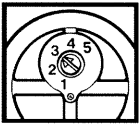
Softening the water

fig . 1

- 1 - Work top
- 2 - Upper basket
- 3 - Main filter
- 4 - Regenerating salt container
- 5 - Self-cleaning microfilter
- 6 - Detergent dispenser
- 7 - Rinse aid dispenser
- 8 - Adjustment of the regeneration of the softener

Softening the water

In order to obtain satisfactory cleaning results and to avoid lime deposits on the crockery in the machine, your dishwasher must use soft water. For this reason, the dishwasher is equipped with a water softener with a regeneration selector (fig. 1 - 8) for the various water hardness values. The test strips supplied will tell you, precisely, the hardness values of your local water supply. Using a coin, turn the selector according to the following table :

HARDNESS OF THE WATER	ADD SALT	POSITION	SELECTOR
0 to 6°	NO	1	
7 to 11°	YES	1	
12 to 17°	YES	2	
18 to 24°	YES	3	
25 to 34°	YES	4	
35 to 42°	YES	5	

The regenerating salt container needs always to be filled (above 7° dH) . A warning lamp on the control panel, or (according to the model), an indicator in the cap of the salt container, reminds you of the lack of salt.

Replenishing the salt (fig. 6)

- 1 - Unscrew the cover of the regenerating salt container.
- 2 - Fill the water container.
- 3 - Using the funnel provided, completely fill the salt container.
- 4 - Remove the salt residues from around the inlet of the container.
- 5 - Replace the cover and screw it down fully.

IMPORTANT !

If the water hardness is less than 7° dH, it is not necessary to use regenerating salt, but the salt container must absolutely be filled with water before using the dishwasher for the first time.

In case of using a phosphate free detergent and if the washing results are bad, you can adjust the setting of the water softener. Observe the manufacturer's advices.

Only use "special dishwasher" regeneration salt. Do not use table salt, cooking salt, etc. These salts can contain insoluble elements and will cancel out the effect of the softener.

Adding the rinse aid

We recommend the use of a rinse aid to ensure that the water can drain off without leaving marks on your crockery.

IMPORTANT !

Only use products designed for dishwashers and NOT products intended for washing up by hand !

Filling and adjusting the amounts of rinse aid (fig. 7)

- 1 - In order to fill the compartment, position the door horizontally and unscrew and open the co-ver ② .
- 2 - Fill the compartment up to 5 mm below the black level mark (maximum : 120 ml).
- 3 - Close the cover and lock it.
- 4 - In order to achieve the best rinsing and drying results, you can adjust the distribution between 1 and 5, depending upon the hardness of the water and the results. The dosage rate is set to 3 at the factory.
- 5 - For this adjustment, use a coin to turn the dosage button, located inside the dispenser, using a coin ③ .

A warning lamp on the control panel (according to the model), or an indicator in the cover of the detergent box, shows you the lack of rinse aid.

When the amount is correct, the crockery should shine and should not be marked in any way. The crockery will be marked if too much rinse aid has been used.

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.16 + 17) . The height of the upper basket is adjustable. Always point the inside of the crockery downwards. Ensure that no item conceals another and that nothing obstructs the spraying facility (fig. 10) . After switching on, check that the spraying arms can move freely (fig.18). No item should overlap the baskets.

Upper basket (fig. 8 - 11 - 12)

This basket is especially designed to receive : glasses, cups, ramekins, bowls and little salad bowls , saucers, etc...

Containers, such as cups, glasses, pots, should be placed with the cavity upside down. Arrange the dishes methodically in the way of using all space.

The special adjustable bar (according to the model) allows to the long-stemmed glasses to be well holded (fig. 12). You can remove the cup-rack in the way to use most of the space (fig. 12).

Lower basket (fig.14)

Arrange plates and serving dishes by positioning them, if possible, towards the centre of the basket. Always arrange cutlery in the baskets designed for them, handles downwards (fig. 9).

Unsuitable dishware for the dishwasher :

- crockery and cutlery with wooden or bone handles.
- old or handpained china.
- plastic dishes.
- silver cutlery.
- iron or cast-iron items.
- aluminium pans or pots.
- pewter plates, copperware or brass articles.
- wooden chopping boards.
- artistic items.
- articles with special cavities.

Adding the detergent

Operation

Before starting any washing programme, pour the correct amount of detergent into the dispenser provided for this purpose.

IMPORTANT !

Use a detergent designed to be used exclusively with household dishwashers.

Detergents, which contain phosphate are available as well as phosphate free detergents, in any case, observe the manufacturer's advices.

1 - Open the door of the dishwasher.

2 - Adding the detergent :

- **Prewash** : pour the detergent into the tub.
- **Main wash** : fill the container (fig. 13) between the minimum and maximum marks, according to the degree of soiling.

3 - Close the cover of the dispenser.(fig. 13)

In a half-load programme, the amount of detergent can be reduced. An incorrect amount will cause deposits (lime or lime with traces of detergent on the crockery). These deposits can be removed using citric acid.

WARNING !

Keep dishwasher products out of reach of children. If swallowed, these products can cause burns in the mouth and throat.

SAVING ENERGY !

With normally soiled crockery, avoid using the prewash with running water. If possible, use the full capacity of the dishwasher.

If the baskets are not fully loaded and for lightly soiled crockery, use the economic program.

1 - Open the door and load the dishwasher.

Check that the crockery is not blocking the spraying arm.

2 - Pout in the detergent and close the dispenser.

3 - Close the door.

4 - Open the water inlet tap and start the machine.

5 - Select the required programme by turning the programming knob clockwise. (see figure).

6 - Press the **START / STOP** button to start the dishwasher. The start/stop light will go on (According to model). **The programme will start.**

"Intensive drying" push button : The choice of this push button speeds up the condensation and allows a quicker drying.

"Intensive washing" push button : Choose programme 2 and "intensive washing" option to get hot prewashing followed by 65°C washing.

Do not try to open the door or to change the programme once washing has started. When the programme is finished, the programming knob will be in the **STOP** position.

7 - Press the **START / STOP** button to switch off the machine. The START/STOP light will go out .(According to model)

8 - Close the water tap.

If it is possible, you should let the door slightly open for few minutes , before unloading the dishwasher. You should preferably start with the lower basket.

The **START / STOP** button must be on **STOP** when you are turning the programming knob.

According to model

- The **START** light will come on when the machine is placed on **START**, and will remain on until the machine is stopped.

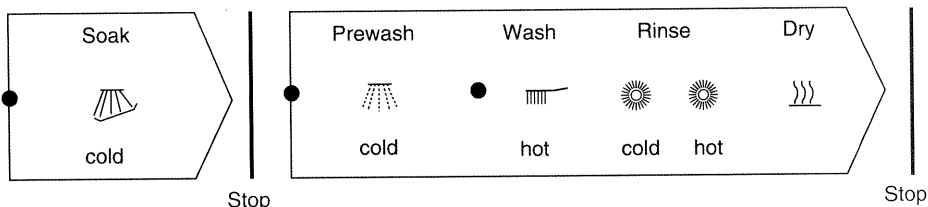
- "SALT" warning light : when this light comes on, fill the salt container. If salt is not being used (soft water), this lamp will be on during the whole wash.

- "RINSE AID" warning light : fill the rinse aid compartment when this light comes on.

- "INTENSIVE DRYING" led lights up when the option is selected and remains enlightened during the whole cycle.

List of programmes

PROGRAMME SEQUENCE



PROGRAMME SELECTION

Programme	Symbol	Position of programme selector	Key position	Consumption data		
				Water (l)	Energy (kWh)	Time (mns)
SOAK : Cold rinse to ensure that food residues do not dry onto the tableware before washing.		1		6	/	4
WASH AT 65°C + COLD PREWASH : For use with heavily soiled tableware.		2		27	1,8	90
WASH AT 65°C + HOT PREWASH : For use with heavily soiled table ware (pans, dishes, etc.).		2		27	1,8	80
WASH AT 65°C WITHOUT PREWASH For use with normally soiled tableware.		3		19	1,8	80
ECONOMY PROGRAMME - 50°C Use with lightly soiled and slightly greasy tableware		4		17	1,6	65

Nota : The selection of the key leads to an increase of 2 liters water consumption.

COMPARATIVE PROGRAMMES DATA with the key "Intensiv Trocknen" pressed.

Comparative programme according to DIN 44990

Normal programme : "3"

Economy programme : "4"

Comparative programme according to IEC 436

Normal programme : "2"

Economy programme : "4"

Standard-size baskets full : fig. 16 + 17

Rinse aid dispenser setting : position 3

Quantity of detergent B : 30 g.

Quantity of detergent A : 25 g.

Cleaning and maintenance instructions

Cleaning the filters

- Check regularly the main filter and the drainage filter, and, should the occasion arise, clean them.
- Remove rest of food particles with a brush, and if necessary, clean under running water.

Removing the filter (fig. 15)

- Remove the main filter/drainage filter assembly by pulling both of them upwards.
- Separate the drainage filter from the main filter. The drainage filter is located under the main filter : if there are food residues inside, remove them.

Cleaning

- Brush the main filter and rinse it under the tap.

Replacing the filters

- Refit the drainage filter into the main filter.
- Replace the unit correctly in its housing.

Micro-filter

- Your dishwasher is equipped with a new micro-filter, which does not need any cleaning. So you will save time and water.

Regular cleaning

- The spraying arms : remove (by unscrewing), wash and make sure that there are no food residues.
- The area around the door as well as the door seal: remove deposits using a damp sponge.

Once a year

- Programme a short wash cycle without any crockery with, if necessary, a special commercial cleaning product for the inside of the washing compartment.

- Check the filter in the inlet of the supply hose (**see fig. 2**).

Good washing results depend on a properly maintenance of the dishwasher.

Prolonged non-use

- Completely clean the machine.
- Leave the door ajar.
- Pull out the plug from the mains power supply and close the water inlet tap.

Fault finding

Operating faults	Check / possible cause
<i>The dishwasher does not start.</i>	<i>Are the fuses in order ? Is the machine plugged in ? Has the door been closed properly ?</i>
<i>The dishwasher does not fill-up.</i>	<i>Open the tap. The inlet pipe may be squashed or twisted.</i>
<i>The water stays in the dishwasher.</i>	<i>The drainage pipe may be squashed or twisted. Check the machine filter. It may need cleaning.</i>
<i>Unsatisfactory washing.</i>	<i>Clean the filter. Check that the filter is fitted correctly. Check the sprinklers. Clean them if necessary. Check that the sprinklers can turn freely. Put the intermediary spraying arm into its position in the basket (according to the model) Check the amount of detergent. Check the programme selected.</i>
<i>White marks on the crockery.</i>	<i>Check the setting of the softener. Fill the salt container. Is the salt container cover properly closed ? Increase the amount of rinse aid.</i>
<i>Marked cutlery.</i>	<i>Cutlery items should be placed on top of one another in the basket without packing them down. Keep silver cutlery separate from other types.</i>
<i>Unsatisfactory drying.</i>	<i>Add some rinse aid. In the case of persistent spots, increase the amount of rinse aid. If the case of crockery with smears and marks, decrease the amount.</i>
<i>The dishwasher does not drain out.</i>	<i>You have moved your appliance and on this occasion you have tipped it backwards. Unhook the drain hose, spread on the floor, with its end above a bowl ; the emptying should start again. Put the drain hose back in place.</i>
<i>If, in spite of these guidelines, you still have problems, consult your retailer or our After-Sales Service. Please state the type of machine and the serial number on the identification plate (inside the door). This will avoid unnecessary waiting and expense.</i>	<i>This machine complies with the current safety standards. Any repairs must be carried out by qualified personnel. Repairs carried out by unqualified individuals can be dangerous for the user.</i>



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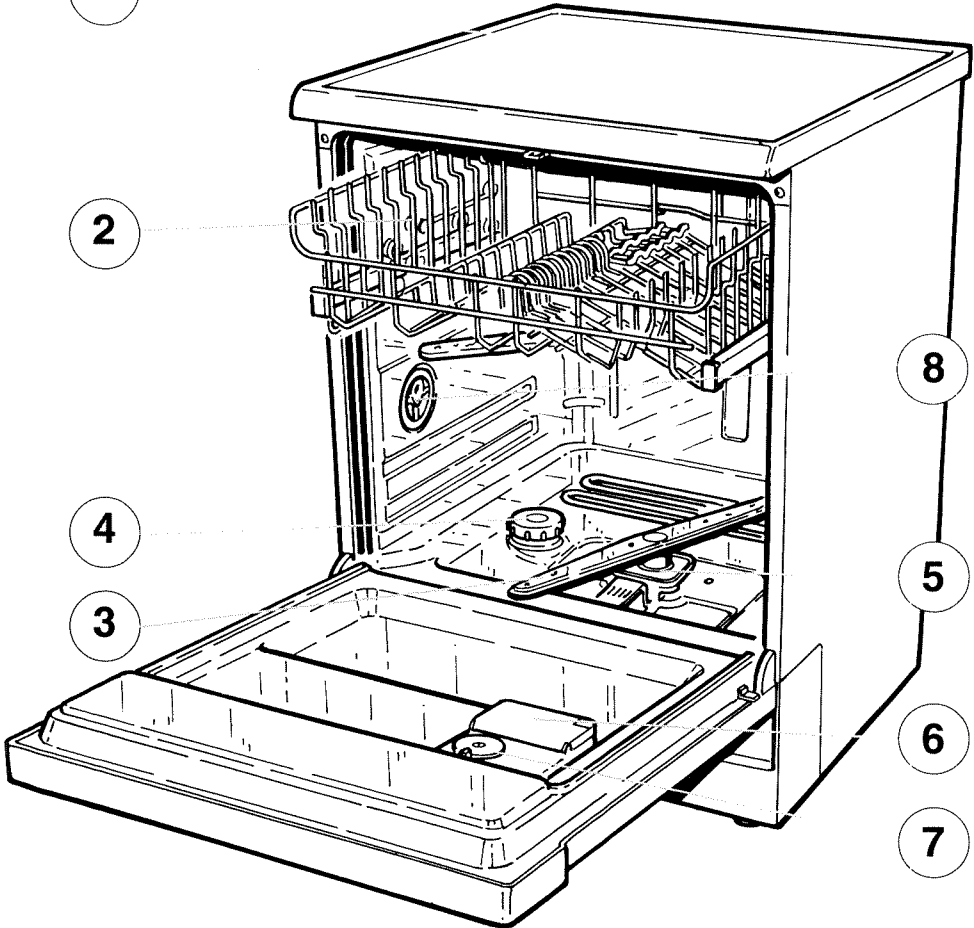
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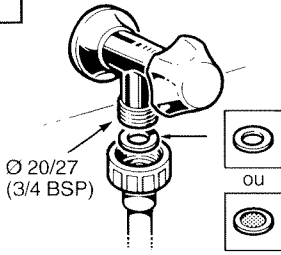
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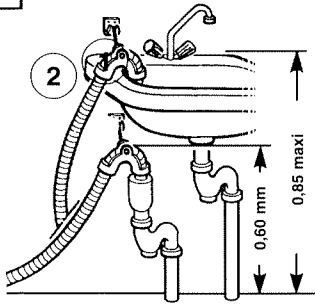
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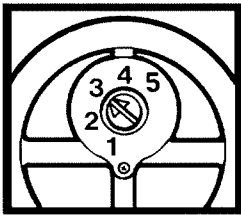
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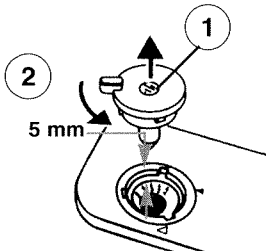
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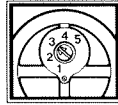
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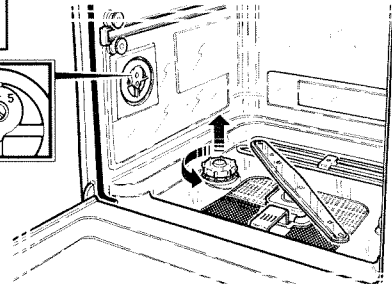
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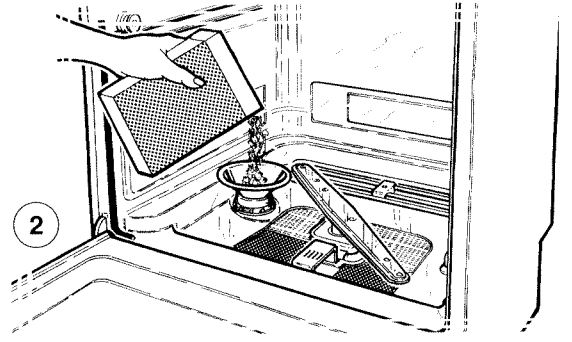
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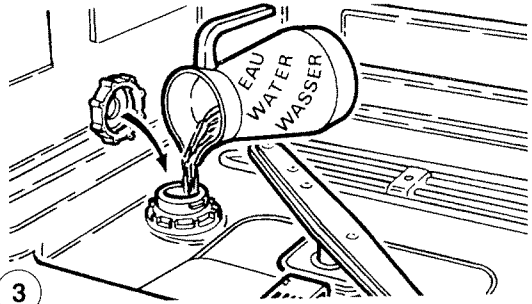
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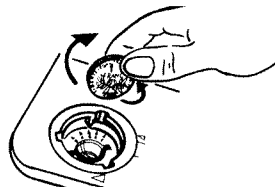
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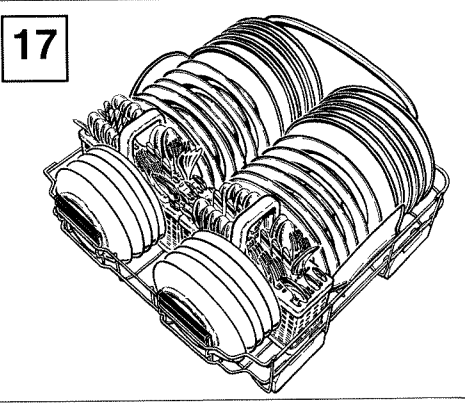
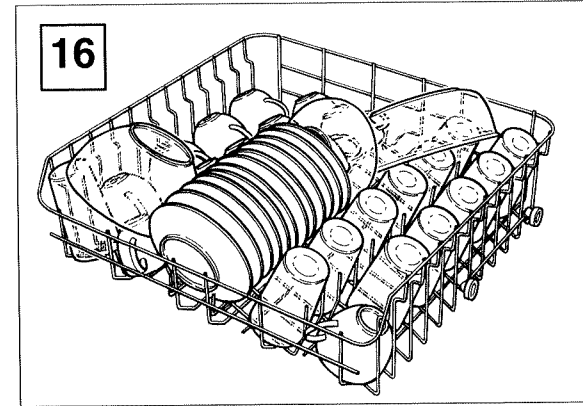
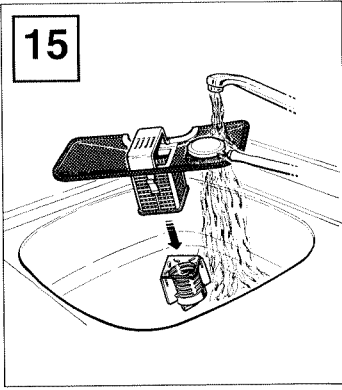
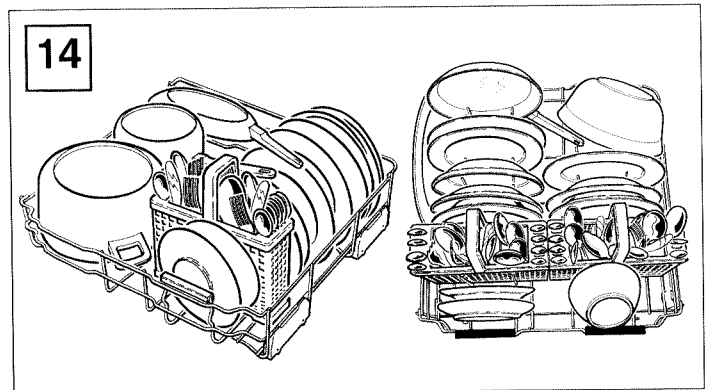
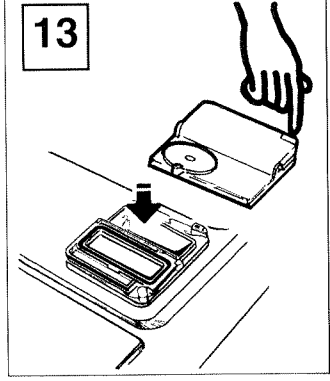
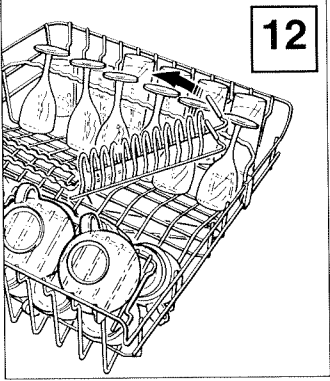
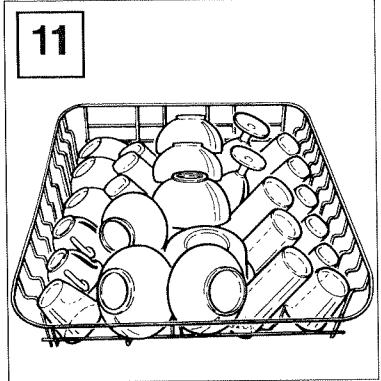
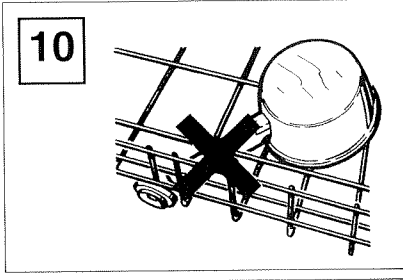
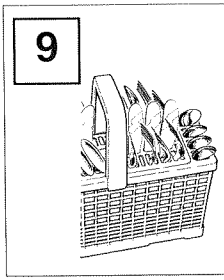
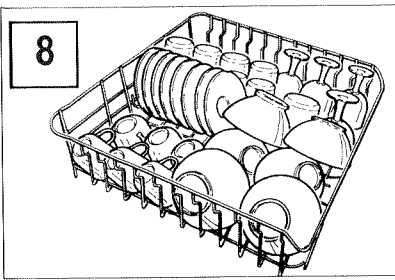


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3





Technical characteristics and sizes

Height :	845 to 860 mm
Width :	600 mm
Depth :	600 mm
Depth with door open :	1138 mm
Weight of the free standing model:	58 kg
Voltage :	230 V
Power output :	2150 W
Fuses :	16 A
Water pressure (flow pressure) :	1 - 10 Bar
Height of evacuation by pump :	60 - 85 cm

This appliance complies with the European Standards 73/23/EEC (electricity safety) and 89/336/EEC (electromagnetic compatibility) modified by the 93/68/EEC.

