

LAVAMAT 480/280

Fully Automatic Washing Machine

Operating Instructions

Please read and follow the instructions in this booklet

Separate instructions on installation and connection are supplied with the machine.

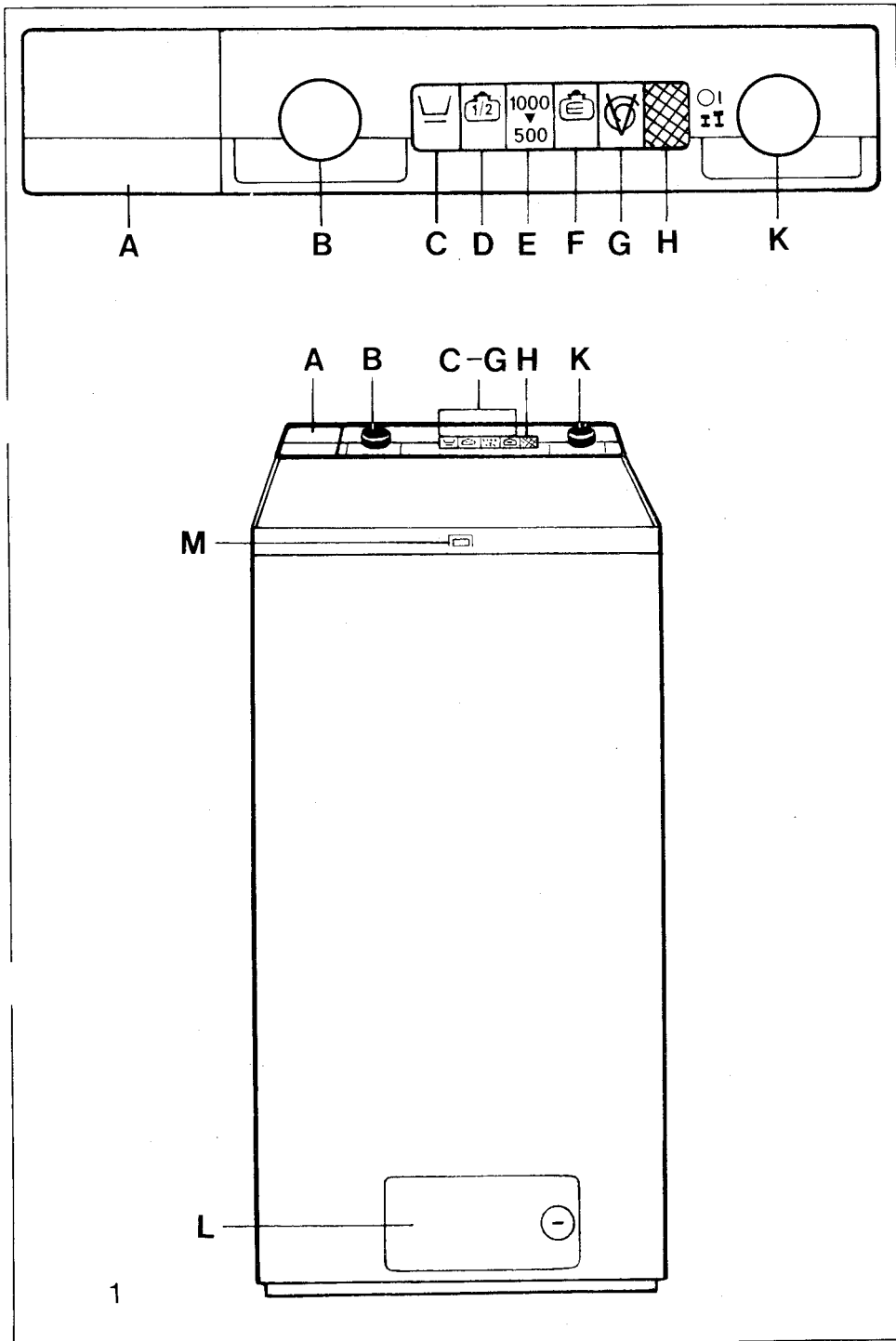
Important

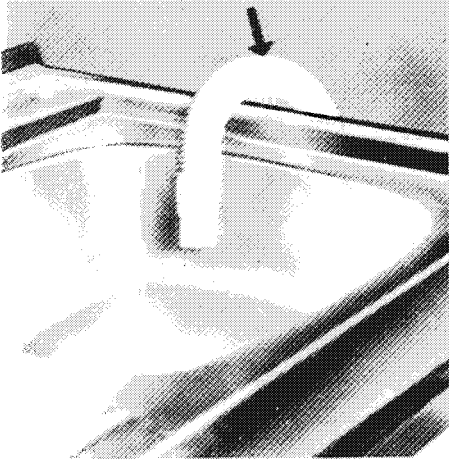
To avoid damage during transit we have fitted transit bars to the machine. **Please remove these before** installing and connecting the machine.

You will find details how to do this on the red sticker on the washing machine and in the installation instructions.

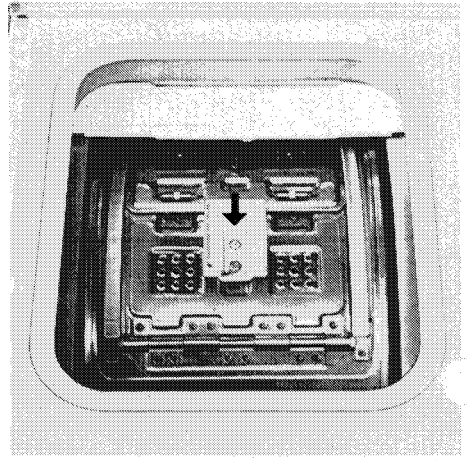
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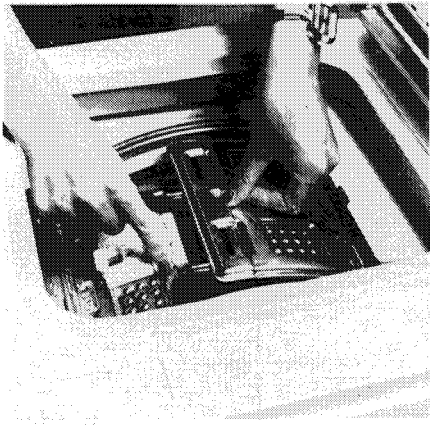




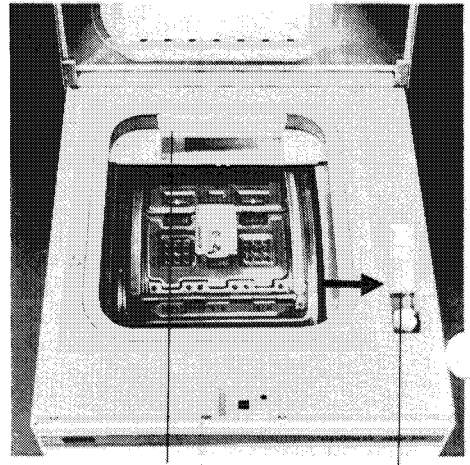
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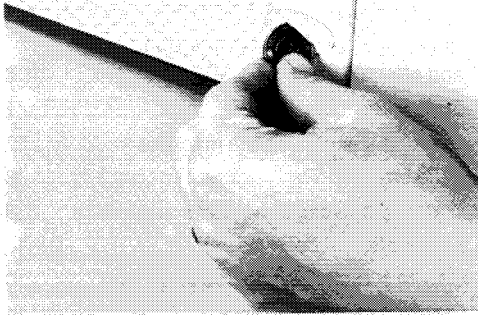
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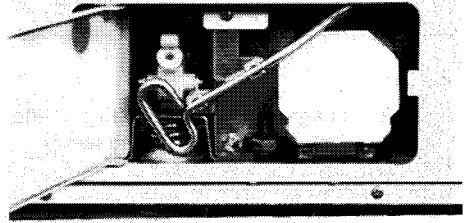
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Detergent for
main wash
II

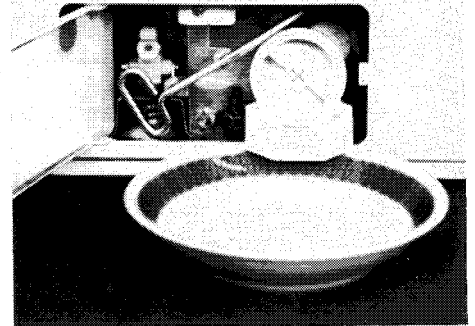
Fabric
conditioner
III



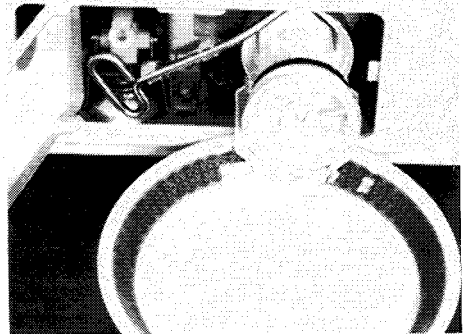
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7



8



9

Your Lavamat

Fig. 1/A	Section with programme guide	Fig. 1/H	On/off light
Fig. 1/B	Temperature selector	Fig. 1/K	Programme selector with numbers (for wash programme) and programme sequence indication — you will find a guide to the symbols which are to the left of the control on page 9.
Fig. 1/C	Button for easy-care fabrics	Fig. 1/L	Drain filter
Fig. 1/D	Button for small loads	Fig. 1/M	Lid release button
Fig. 1/E	Button for lower spin speed		
Fig. 1/F	Button for energy saving programme		
Fig. 1/G	Button for VARIOMATIC spinning		

Check list — what to do before and after every programme

If the machine is not permanently connected:

- Plug in the machine and switch on at the power socket.
- Make sure that the drain hose is not kinked. To hook the hose securely over the sink edge **use the hose holder provided (figure 2)**. If the sink edge is too wide thread a piece of string through the hole in the hose holder (**see figure 2/arrow**) and secure on the wall or the tap over the sink. **Make sure that the drain hose is not submerged in the pumped off water.**
- Connect the water inlet hoses to the tap.

Before you select a programme:

- Open the water tap.
- Open the lid (**fig. 1/M**), open drum lid.
- Distribute the laundry (sorted according to page 7 in this booklet) in the drum, close the door. Close the drum lid.
- Add detergent and fabric conditioner. Close the lid.
- Select the wash programme (see programme chart in this book and programme guide on machine).
- Pull out programme selector (**fig. 1/K**). The on/off light will come on (**fig. 1/H**) and the programme will start.

End of Programme:

- Push in the programme selector. The on/off light will go out. Turn the temperature selector to the "off" position. Release any depressed buttons.
- Open the lid.
- Open the drum lid.
- Remove the laundry. If nothing else is to be washed, turn off the water tap and switch off at the power socket and remove the plug.

Sorting the laundry

Sorting the laundry

Check the manufacturer's instructions or the care label inside each garment (see the International Textile Care Labelling Code in the programme chart). The laundry should be sorted into:

Cottons and linens (whites and coloureds)
Easy-care fabrics
Delicate synthetics
Woolens

DO's and DON'TS

- Do not mix whites and coloureds as the whites will become grey.
- New items tend to lose some of their colour when washed for the first time. It is therefore advisable to wash them separately the first time.
- Woollen items which carry the wool symbol must also bear the description 'machine washable'. Woollen items which only bear the wool symbol cannot be washed in washing machines.
- Make sure that no metal items (e. g. paperclips, safety pins, pins, nails, etc.,) are left in the laundry. Any metal objects left in the laundry can cause considerable damage to the machine. Fasten buttons, zips, hooks and eyes, tie loose belts, long apron strings, etc.
- Remove stubborn stains prior to washing.
- Synthetic curtains should be handled carefully as they snag easily. Remove the hooks or rollers and place the curtains in a pillowcase or washbag, to wash. We accept no responsibility for any damage through incorrect handling.

Opening and closing the machine

Opening the machine lid

Push the button (fig. 1/M) at the front of the lid and lift up the lid.

Opening the drum lid

Push slide in direction of the arrow (fig. 3), press down the front section of the lid, holding the rear section with the other hand (fig. 4) as it is spring released.

Closing the drum lid

Push slide in the direction of the arrow (as for opening the lid), press down both lid sections, engage the lid locks and allow the slide to spring forward. Make sure both lid sections are properly linked together and closed.

Please note:

The machine lid has a safety locking system. If the lid is opened during the wash programme, the drum stops. The lid cannot be opened during spinning. At the end of the programme push in the programme selector. The on/off light will go out and the lid can be opened.

Load Sizes

You will find details as to how much laundry you can wash in your machine in the programme chart but you may find the following general information useful:

- When washing cottons and linens fill the drum with dry laundry leaving a space of a hand's breadth between laundry and the top of the drum.
- A 10-litre (2½ gallon) bucket will take approximately 2.5 kg of tightly packed


dry laundry (cottons and linens).

- Distribute the laundry in the drum as loosely as possible.

Useful advice:

If you are washing a single large item, e.g. a towelling dressing gown or bath mat this may cause vibration and instability of the machine. It does not affect the operation of the machine.

Washing powder, conditioner and starch

- In an automatic washing machine you need to use a low lather washing powder. We recommend Ariel automatic which has been specially formulated for automatics.
- To soft rinse or starch laundry be sure to use liquid fabric conditioner (we recommend Lenor) or starch. If, however, you wish to use powder starch, then dissolve the starch according to the manufacturer's instructions and **pour the dissolved starch straight onto the drum** after the wash programme has finished and select the separate starching programme.
- How much washing powder you use depends on the water hardness (soft, medium, hard, very hard), the quantity of laundry and the degree of soiling. Your local Water Board will advise you on the hardness of the water in your area. On the washing powder packet you will find instructions as to how much powder to use (according to water hardness).
- Divide the total amount of washing of washing detergent you are going to use into ⅓rd for the prewash and ⅔rds for the main wash.
- If a measuring beaker is supplied with the washing powder do not fill above the indicator level. If too much powder is used, excessive foaming may occur. This interferes with the movement of the laundry in the drum resulting in a poor wash performance.
- Reduce the recommended amount of powder somewhat when washing very lightly soiled clothes.
- When washing a small quantity of laundry (programmes with ) reduce the amount of powder suggested on the powder packet by ½.
- Warning! Do not use any bleaching agents containing chlorine or sulphur or any acidiferous descalers.
- **Never wash any laundry in a washing machine which has been treated with inflammable material prior to washing until these are totally evaporated. Laundry must only be washed with water from the usual water supply system and not with any other liquids.**

Adding Detergent and Fabric Conditioner (fig. 5)

Detergent for the **pre-wash**:
pour into the drum

Detergent for the **main wash**:
pour into compartment II (centre)

Liquid **fabric conditioner**:
pour into compartment III (right).
Do not fill above "max" indicator level.

Liquid detergents can be used in the machine. As these detergents are used for the main wash only, pour the detergent into the drum.

Explanation of controls

With the exception of wool all fabrics can be washed with or without a pre-wash.

To select a wash programme, set the programme selector (**figure 1/K**) to the required

programme number, the temperature selector (**figure 1/B**) to the required temperature and press any selector button(s) required (**figure 1/C-G**).

Temperature selector

The **temperature selector** is variable. If the selector is set to '●' the machine will carry out a **cold wash**.

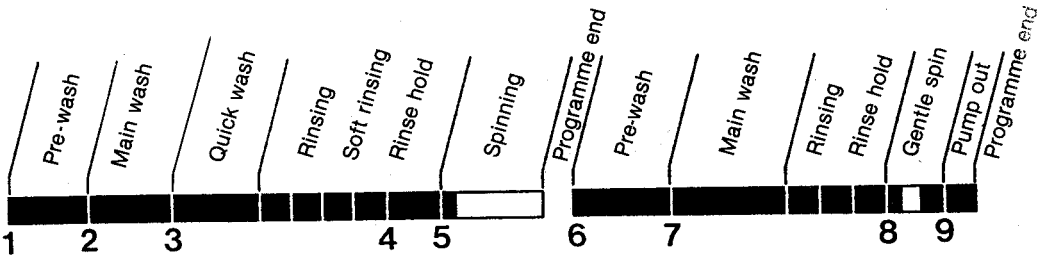
Programme selector

The **programme selector** has 9 settings for the main and the additional programmes. The programmes are indicated by numbers (see programme chart) and below the numbers you will find the programme progression. The white areas indicate spins.

The **programme selector** is also the **ON/OFF control**.

To switch on: pull out

To switch off: push in



Selector Buttons



Button for easy-care fabrics and woollens (figure 1/C)

Press this button in addition to a selected programme when washing easy-care fabrics or woollens. The laundry is rinsed without intermediate spinning and woollens are washed with an extra gentle action. The laundry is left in the last rinse water. (Pump out the water — see programme chart).



Button for small loads (figure 1/D)

Press this button in addition to a selected programme if you want to wash smaller loads. Cottons and linens up to 2.25 kg, easy-care fabrics up to 1 kg. Do not press this button when washing woollens or delicate synthetics. Reduce amount of washing powder by $\frac{1}{3}$.

Although the half load button is very valuable for the smaller loads as the amount of water used for a wash programme is reduced we would like to point out that the most economical wash is still the full capacity one.

Explanation of controls

1000
▼
500

Button to reduce spin speed from 1000 r.p.m. to 500 r.p.m. (fig. 1/E)

Press this button if you wish to reduce the spin speed from 1000 r.p.m. to 500 r.p.m. If you do not select this button the laundry will be spun at 1000 r.p.m.








Button for VARIOMATIC Spinning (figure 1/G)

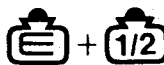
1. Press this button if you want a VARIOMATIC spin instead of the normal spin at the end of a cotton/linen programme. The VARIOMATIC spin is a sequence of spins with loosening of the laundry in between each spin. This reduces tangling and creasing of the laundry. However, it increases the length of the programme by approx. 20 mins. If you do not select this button the normal spin follows automatically after the last rinse.
2. To cancel the "rinse hold" when washing easy-care fabrics, delicates and woollens, press this button. The laundry is then automatically spun with gentle VARIOMATIC.





Button for energy saving programmes (figure 1/F)

Press this button in addition to the selected programme if you want to wash lightly soiled cottons and linens and easy-care fabrics with care labels  and .

By selecting E in conjunction with a  white cotton and linen or easy-care fabric programme (care labels  and  apply) the temperature is lower but the length of the wash is extended to give a good wash result. When using this programme you will save energy.



Press both buttons for a very economical wash of small loads of cottons and linens and easy-care fabrics. (Again care labels  and  apply).

How to switch the machine on and off

How to start the machine

1. Turn the programme selector (**only in the pushed in state**) **clockwise** to the required programme, select the required temperature and press any buttons as required (see programme chart).
2. **PULL OUT** the programme selector (to switch on the machine). The control light comes on and the programme starts.



The programme selector will rotate during the programme, stopping temporarily during the heating up period of some programmes. The drum is also stationary for the same length of time.

Useful advice

To **interrupt the programme**, e.g. to add laundry, switch off the machine.

How to switch off the machine

Important!

Always have a look at the programme selector. If it has stopped on "rinse hold", this means you have to pump out the rinse water (turn programme selector to 5 and button  or 8 + button  or 9 — see programme chart). If the programme selector has stopped on programme end push in the programme selector, return the temperature to the "off" position and release any depressed selector buttons.

The machine is switched off. The lid can be opened.

Care and Maintenance

Cleaning the drain filter

1. Turn the lock on the filter flap to the left using a coin (**fig. 6**). Press the left hand side of the filter flap to open.
2. Fold down the white cover (**fig. 7**).
3. Place a shallow container underneath (**fig. 8**) and then turn the drain filter anti-clockwise to drain any residue water.
4. Remove the filter (**fig. 9**) and clean.
5. Replace filter and close turning it clockwise. Check that the filter is closed properly to prevent leakage. Lock filter flap.

Protecting the machine against frost

Any damage due to frost is not covered by warranty. If the machine is situated in a room which might be affected by frost, any water must be removed from the drain pump

(see "Cleaning the drain filter" above.) as well as from the water inlet hose (disconnect the inlet hose from the water tap and drain).

Emergency drain

If you wish to remove your laundry during a power cut or if the machine is defective use the emergency drain facility to empty

the water (follow instructions for "Cleaning the drain filter" above). **Take care when draining any hot wash solution.**










Looking after your Lavamat

The **detergent dispenser** requires cleaning from time to time.
The **drum** of your machine is made of stainless steel and cannot rust. However, rust may be introduced with the laundry (zips, paper-clips, hair pins, tacking or safety pins). Remove such stains with a stainless steel cleaner.

Do not use any abrasives.

Do not use furniture polish or abrasive cleaning agents to clean the fascia panel and the controls of the machine. To clean the fascia panel use lukewarm water only.

Main Programmes

International Textile Care Labelling Code	Fabrics	Type of laundry	Programmes	Load size
	White cotton and linen articles without special finishes	Bed and table linen, towels, underwear, white or colourfast	Hot wash	up to 4.5 kg**)
		Bed and table linen, towels, underwear without stains	Hot wash (energy saving)	up to 4.5 kg**)
	Cotton, linen or rayon articles without special finishes where colours are fast at 60°C	Coloured blouses, aprons, overalls, shirts, bed linen, towels	Coloureds	up to 4.5 kg**)
	Cotton, linen or rayon articles where colours are fast at 40°C but not at 60°C	Deep coloured laundry	Coloureds	up to 4.5 kg**)
	Quick wash	Lightly soiled laundry	Coloureds (Short programme)	up to 4.5 kg**)
	White cotton articles with special finishes capable of being boiled but requiring drip drying or delicate white cottons and linens	Shirts, bed linen, nappies, baby clothes	Easy-care	up to 1.5 kg
		Shirts, bed linen, nappies, baby clothes without stains	Easy-care (energy saving)	up to 1.5 kg
	White nylon; white polyester/cotton mixtures	Blouses, shirts, overalls	Easy-care	up to 1.5 kg
	Coloured nylon; polyester; cotton and rayon articles with special finishes; acrylic/cotton mixtures; coloured polyester/cotton	Sheets, pillow cases, duvet covers, shirts, blouses, skirts, trousers, underwear	Easy-care	up to 1.5 kg
		Lightly soiled laundry	Easy-care (Short programme)	up to 1.5 kg
 	Delicate synthetics	Jumpers, blouses, dresses, curtains	Delicates with pre-wash	up to 1.5 kg
			Delicates without prewash	up to 1.5 kg
	Wool, including blankets and wool mixtures with cotton or rayon; silk	Machine washable woollens	Wool	up to 1 kg

Programme Selection			Programme Cycle	Small Load	Note
Programme Selector	Temperature Selector	Buttons			
1 or 2	95		Pre-wash — main wash — 5 rinses — spinning		1 or 6 with pre-wash 2 or 3 and 7 without pre-wash **) Load size for ■ Lightly to normally soiled laundry 4.5 kg ■ Heavily soiled laundry 3.5 kg
1 or 2	95		Pre-wash — energy saving main wash — 5 rinses — spinning		
1 or 2	60		Pre-wash — main wash — 5 rinses — spinning		
1 or 2	40		Pre-wash — main wash — 5 rinses — spinning		
3	40		Shortened main wash — 5 rinses — spinning		
1 or 2	95		Pre-wash — main wash — 3 rinses — rinse hold*)		
1 or 2	95	+	Prewash — energy saving main wash — 3 rinses — rinse hold*)		
1 or 2	60		Pre-wash — main wash — 3 rinses — rinse hold*)		
1 or 2	50		Pre-wash — main wash — 3 rinses — rinse hold*)		
3	up to 40		Shortened main wash — 3 rinses — rinse hold*)		
6	30 or 40		Pre-wash — main wash — fills to high water level — 3 rinses — rinse hold*)		
7	30 or 40		Main wash — fills to high water level — 3 rinses — rinse hold*)		
7	40		Main wash**) — fills to high water level — gentle wash action — 3 rinses — rinse hold*)		

***) Rinse hold**
The laundry is left in the last rinse water. Turn the programme selector to 5 + + or 8 + button








(pump out and gentle VARIOMATIC spin) or to 9 (pump out only).







To cancel Rinse Hold at the start of a programme press button as part of the programme selection for easy-care fabrics, delicate synthetics or wool. The programme finishes with a VARIOMATIC spin.

****)** The machine stops for 20 mins during the main wash before continuing the programme.

Please turn to page 6 for information on what to do before starting a wash programme.

Additional Programmes

Programme	Laundry	Load size	Programme selection	
			Programme Selector	Temperature Buttons Selector
Soft rinsing — starching — spinning	Cottons and linens	up to 4.5 kg	4	
Soft rinsing — starching	Easy-care fabrics and delicate synthetics	up to 1.5 kg	4	
Spinning (VARIOMATIC)	Cottons and linens	up to 4.5 kg	5	
Extra pre-wash — soak programme	Cottons and linens, heavily soiled	up to 3.5 kg	6	 
Pump out — VARIOMATIC spin	Easy-care fabrics	up to 1.5 kg	5	 
	Delicate synthetics, woollens	up to 1 kg	8	
Pump out	For laundry which should not be spun		9	

Programme Cycle	Small Load	Notes
Rinsing — spinning		<p data-bbox="583 421 721 443">*) Rinse hold</p> <p data-bbox="614 448 1046 576">The laundry is left in the last rinse water. Turn the programme selector to 5 +  + button  or 8 + button  (pump out and gentle VARIOMATIC spin) or to 9 (pump out only).</p> <p data-bbox="614 587 997 724">To cancel Rinse Hold at the start of a programme press button  as a part of the programme selection for easy-care fabrics, delicate synthetics or wool. The programme finishes with a gentle VARIOMATIC spin.</p> <p data-bbox="589 948 891 1015">Please turn to page 6 for information on what to do before starting a programme</p>
Rinsing with rinse hold*)		
Spinning — for laundry washed and rinsed by hand		
Pre-wash (soaking) - fills to high water level — laundry is left in the wash solution. Proceed as for rinse hold*)		
Pump out — short spin —		
Pump out, e.g. following a programme with rinse hold*)		

If you think your machine is not working properly



Non functioning of your washing machine is mostly due to minor causes which you can rectify yourself.

Before you call out a service engineer please check through the following fault finding chart.

...The programme does not start

- Is the machine plugged in?
- Are the fuses in working order?
- Have you closed the lid properly?
- Have you pulled out the programme selector?

The machine does not fill with water

- Have you turned on the tap?
- Is the filter (where fitted) in the water inlet hose blocked?

The filter is located where the hose attaches to the tap. Unscrew the hose and clean the filter under running water.

The machine vibrates or moves

- If there is too little laundry in the drum (e.g. just one dressing gown, bath mat etc.) this may lead to vibration. Therefore, wash more items. However, movement may also result from:
 - Blocked drain pump
 - Kinked or twisted drain hose
 - Transit bars have not been removed.
 - The machine is not installed properly (see installation instructions supplied).

The machine is oversudsing

- Have you used too much washing powder?
Use less powder for the next wash or omit the pre-wash.
- Have you used a low lather powder?

Water is leaking from underneath the machine

- Check the water inlet hose connection to the tap and to the machine. Check the drain hose connection to the machine.
- Check the water inlet and outlet hoses for leaks.
- Check that the drain filter is closed properly (see "Cleaning the drain filter").

The machine did not spin properly or pump out completely

- Is the water drain hose kinked or twisted?
In this case the drain pump cannot pump out sufficient water.
- Is the drain filter blocked (see "Cleaning the drain filter").

The machine does not pump out any water

- This means the drain filter may be blocked and would require cleaning as under "Cleaning the drain filter".

Incoming water is drained off immediately

- The drain hose is too low. It must be at least 65/45 cm above floor level.

Spin cycle is delayed

- This is normal if the load is unbalanced. In this case the electronic out of balance control system has been activated and the drum will turn in both directions loosening the clothes to distribute them more evenly in the drum. This can happen several times until the clothes are distributed well enough for the machine to commence the spin cycle.

Note

Please use the fault-finding chart "If you think your machine is not working properly" as a check list for the proper performance of your machine.

If you call a service engineer in connection with one of the aforementioned problems or problems related to user error, misuse or abuse of the machine, please note that the cost involved for this call will have to be passed on to you even during the warranty period.

Service

Should you be unable to locate the cause of the problem in spite of the check list "If you think your machine is not working properly", then please contact your AEG Service Department.

If you require to have your machine serviced you will assist the Service Department by quoting the F and E numbers which you will find on the rating plate at the rear of the machine.

These numbers enable service department to order any spare parts required to complete the repair on first call, if at all possible.

For easy reference we would recommend that you transfer these numbers in the space provided below:

Product number (E-No.)

Serial number (F-No.)

Technical Data

<p>Dimensions:</p> <table><tbody><tr><td>Lavamat 480:</td><td></td><td>Lavamat 280</td></tr><tr><td>Height</td><td>85 cm</td><td>64 cm</td></tr><tr><td>Width</td><td>60 cm</td><td>45 cm</td></tr><tr><td>Depth</td><td>60 cm</td><td>60 cm</td></tr><tr><td>Overall depth</td><td>65 cm</td><td>65 cm</td></tr></tbody></table>	Lavamat 480:		Lavamat 280	Height	85 cm	64 cm	Width	60 cm	45 cm	Depth	60 cm	60 cm	Overall depth	65 cm	65 cm	<p>Capacity:</p> <p>Depending on the programme up to 4.5 kg</p> <p>Drum speed:</p> <p>Washing 50 r.p.m. Spinning 1000 r.p.m. or 500 r.p.m.</p>
Lavamat 480:		Lavamat 280														
Height	85 cm	64 cm														
Width	60 cm	45 cm														
Depth	60 cm	60 cm														
Overall depth	65 cm	65 cm														
<p>Electrical connection:</p> <p>Please see information on the rating plate of the appliance.</p>	<p>Water pressure:</p> <p>1—10 bar cold water supply</p> <p>Weight:</p> <p>approx. 85 kg</p>															

The appliance complies with the radio interference requirements laid out in the EEC Directive 82/499 and the standard EN 60 555 part 1—3/DIN VDE 0838 part 1—3, June 1987.

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Subject to change without notice

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