

# AEG LAVAMAT PRINCESS 800 E

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Operating Instructions

**AEG**

## LAVAMAT PRINCESS 800 E

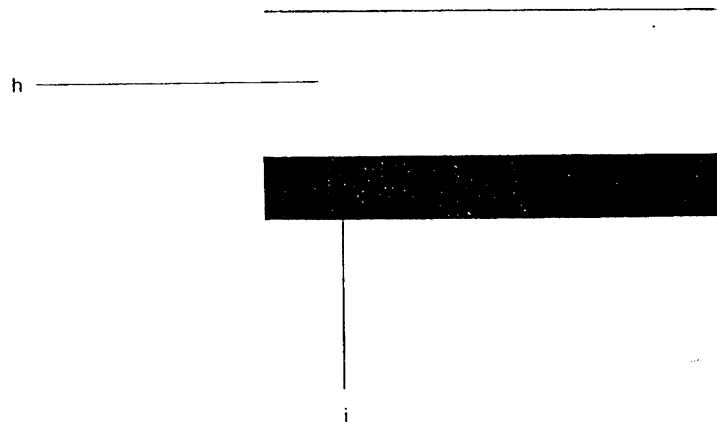
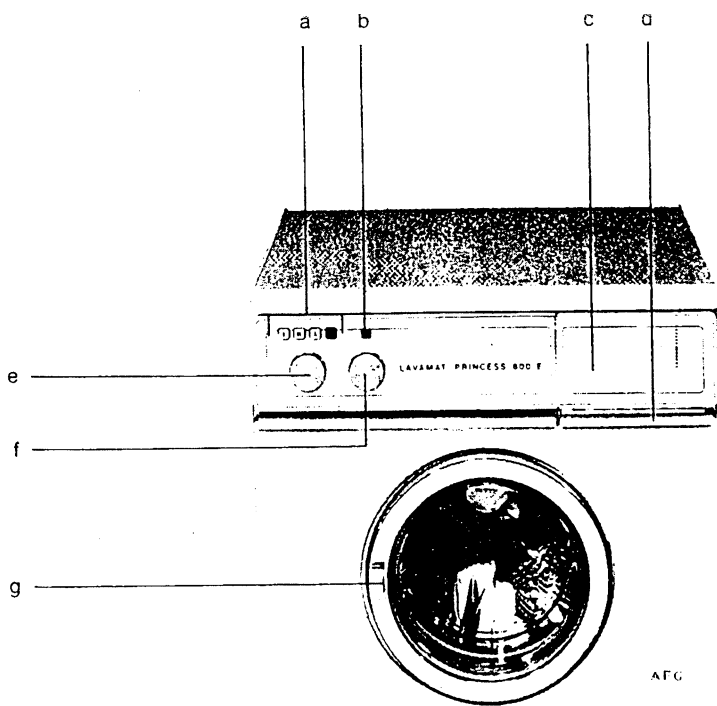
Your new LAVAMAT offers you the advantage of compiling the wash programmes exactly as you like.

It also incorporates special "power economy" programmes for lightly soiled laundry and offers a high spinning speed of about 800 rpm.

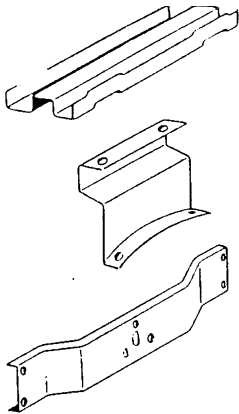
Please read this brochure carefully before starting to use your LAVAMAT, so that you can take full advantage of its many possibilities. And remember to remove the transit bars (see page 11, Installation).

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- a = selector buttons
- b = control lights
- c = summary of wash programmes
- d = handle of wash powder dispenser
- e = programme selector
- f = temperature control
- g = door handle
- h = lower front panel (pull this lower front panel down and the drain filter becomes accessible)
- i = filter outlet

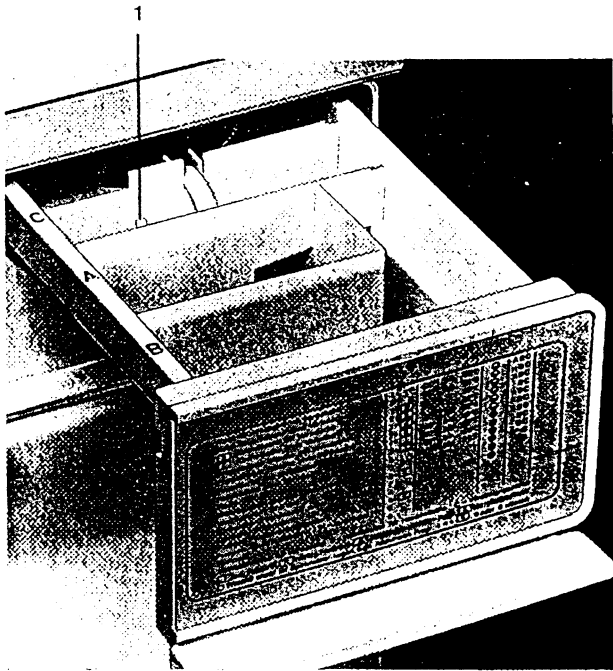


**Attention!**

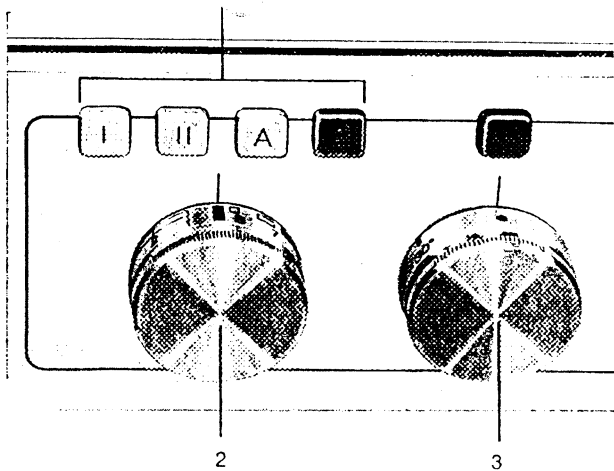
Please ensure before switching on the machine for the first time that the transit bars are removed. The removal instructions are described on a note which is delivered with the machine.

If this instruction is not adhered to — serious damage to your machine can occur.

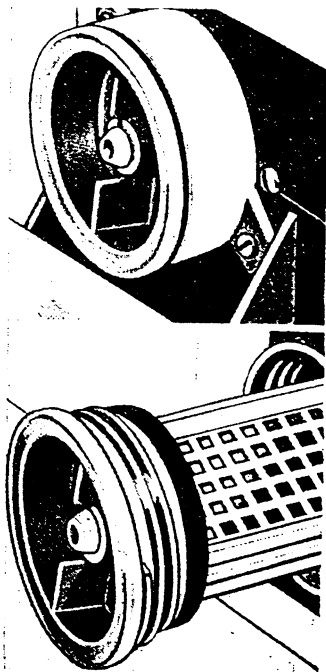
**A**



**B**



C



D

## Preparing the laundry

Before commencing washing, we suggest that you sort your laundry into separate piles according to colour and type of fabric.

When sorting, please check and note the laundry labels on each garment.

Remove any foreign bodies from pockets, i.e. pins, needles, paper clips, etc. Close all zips and loosely tie long apron strings or pyjama cords.

White fabrics should never be washed with coloureds. If you do, the whites will gradually become grey.

New coloured items may lose some of their colouring during the first wash. For this reason, it is advisable to wash new items separately for the first time.

Woollen articles should only be machine-washed if they are so labelled (machine washable).

Curtains of synthetic fibres are delicate and can easily be damaged when taken down. In most cases such damage shows only after washing (pulled threads, etc). We cannot accept any responsibility for curtains so damaged. If your curtains are particularly delicate, then we would recommend that they be hand washed.

## Load size

Normally soiled whites or coloureds – max. 5 kg (11 lb) dry laundry.

The drum has been correctly loaded when you can still turn your hand freely between drum wall and the laundry.

Heavily soiled whites or coloureds (cottons and linens) – up to 4 kg (9 lb) dry laundry. (Items like work clothes, overalls, etc.) The reason for the reduced load is that heavily soiled garments need the additional space for good wash results.

Easy care fabrics, synthetics and woollens – up to 1.5 kg (3 lb) dry laundry. (This is equivalent to 6–8 shirts). The reason for reduced load is that these fabrics float in the water to prevent heavy creasing.

## Wash powder dispenser

The function of the wash powder dispenser is fully automatic. You can add the powder for prewash and main wash and the after-care agent (fabric conditioner) at the start of the programme: Compartment A (centre) for the prewash, Compartment B (front) for the main wash, Compartment C (rear) for after-care. (Fig. B).

Use only liquids in compartment C (e.g. fabric softener) and do not add more than up to the level of the pin in compartment C (fig. B. 1).

### Starching

If you wish to starch laundry in an automatic washing machine, we would point out that the starching effect is only of a mild nature. If you want to use a powdery after-care agent, such as starch, then this should be dissolved in accordance with the manufacturer's instructions and poured directly in to the drum. Then select Programme 3.

### Wash powder

We recommend the use of PERSIL AUTOMATIC in your new LAVAMAT. This powder has been specially formulated for front loading automatics.

Please follow the manufacturer's instructions as to the amount of washing powder to be used. If the water in your area is very soft, you should reduce the amount of washing powder used.

Over foaming can be caused by several things:

1. wrong type of powder
2. too much washing powder in conjunction with soft water
3. when washing very small loads.

To correct overfoaming (1) use a powder specially formulated for front loading automatics, (2) and (3) reduce the amount of washing powder used.

## Controls

### 1. Programme selector (fig. C, 2)

The programme selector has 8 settings for the basic programmes: –

- 1 washing programme with prewash
- 2 washing programme without prewash
- 3 fabric-softening – starching
- 4 spinning
- 5 woollens

- 6 short spin (automatic SL action)
- 7 soaking – extra wash
- 8 pumping

With the exception of woollens, you can wash all fabrics with or without prewash, depending on the degree of soiling.

**Important:** The programme selector must always be rotated in a clockwise direction and only when pushed in. It also serves to switch the machine on and off: –  
 switch on = pull out  
 switch off = push in

## 2. Temperature control (fig. C. 3)

With the temperature control in position "O" you can wash cold, woollens for example. Between 30° C and 95° C the temperature is infinitely variable.

Please note the washing instructions on the labels inside your garments.

### Button I

When selecting this button in conjunction with Programmes 1, 2 and 3 this gives you a **high water level** necessary for washing easy care fabrics and synthetics, e.g. nylon, tricot, courtelle, acrylan, polyester/cotton, etc. The laundry will remain floating in the last rinse water to prevent creasing. Before opening the door, the water must be pumped away. Select Programmes 4+I, 6 or 8 (see Programme chart on pages 8 and 9).

### Button II

By selecting this button in conjunction with programmes 1, 2, 3 or 7 you reduce the **drum action**. In addition the laundry remains in the last rinse water. Before opening the door, the water must be pumped away. Select Programme 4+I, 6 or 8 as appropriate. This reduced drum action is suitable for nappies, baby clothes, cotton mixtures or synthetic underwear which do not require a high water level.

### Button I and II

By **simultaneously pressing Button I and II** you can combine high water with reduced drum action for particularly delicate and minimum iron easy care fabrics and synthetics.

### Button A

By pushing this button in conjunction with Programme 1 or 2 you select an intensive (biological) wash programme. For the washing powder to be its most effective, the washing time will be extended by approximately 20 minutes. Between 30° C and 60° C. You would select this Button A for heavily soiled or badly stained laundry, e.g. overalls.

### Button E (energy saving)

By selecting this button in conjunction with Programme 1 or 2 the water temperature is limited to 60° C and the length on the wash is extended to that of a 95° C wash programme. This means you can expect the same results as the 95° C wash programme, providing the laundry is only lightly soiled. Furthermore you save electricity and the wear and tear on your laundry is reduced.

## Wash programmes

The basic programmes of your LAVAMAT can be adapted for practically all kinds of fabrics by using the selector buttons and temperature controls. You can vary the programmes to suit your particular requirements.

Your LAVAMAT is an advanced piece of technology. We have taken care of the future – this means any future developments by the textile industry can be catered for.

On pages 8 and 9 is a table showing the major programmes. Please study this table and find out the many possibilities open to you before putting your washing machine into operation.

The water symbols used in the table are explained as follows: –























normal water level  
about 20–25 litres (4–5 gals)



high water level  
about 30 litres (7 gals)

Main programmes		Load size	Type of laundry
Cottons and linens with prewash	30° C to 95° C	5 kg max.	cotton, linen e.g. bed linen, table linen, underwear, shirts, towels, tea cloths, aprons etc.
Cottons and linens without prewash	30° C to 95° C	5 kg max.	1 95°C      2 60°C      5 40°C
<b>E</b> Whites with prewash	95° C	5 kg max.	cotton, linen etc. lightly soiled.
<b>E</b> Whites without prewash	95° C	5 kg max.	95°C
Easy-care fabrics with prewash	30° C to 95° C	1.5 kg max.	special finish cotton, cotton mixtures, synthetics which do not require a high water level
Easy-care fabrics without prewash	30° C to 95° C	1.5 kg max.	3 60°C      4 50°C      9 95°C
Delicates with prewash	30° C to 60° C	1.5 kg max.	delicate synthetics (nylon, acetate, courtelle, orlon, terylene, polyester which require a high water level
Delicates without prewash	30° C to 60° C	1.5 kg max.	6 40°C
Woollens	cold to 30° C	1.0 kg max.	Fabrics of machine-washable wool or wool mixtures
			7 40°C      8 30°C
Additional Programmes			
Soft rinsing, starching, spinning		5 kg max.	cotton, linen
Soft rinsing, starching		1.5 kg max.	easy-care fabrics, synthetics
Soaking – (extra) prewash		4.0 kg max.	cotton, linen, very heavily soiled
Pumping, spinning		5 kg max.	cotton, linen
Pumping, Variomatic spinning		1.5 kg max.	easy-care fabrics, synthetics, delicate cotton fabrics
Pumping – short spinning, automatic SL action		1.0 kg max.	woollens, wool mixtures
Pumping			delicates which must not be spun



Programme setting		Water level	Wash powder dispenser	Programme cycle
Programme Button selector	Temp. control			
1	30° C to 95° C		A B C	Prewash – main wash at normal water level – cooling – 5 rinses – spinning
2	30° C to 95° C		B C	Main wash at normal water level – cooling – 5 rinses – spinning
1	 95° C		A B C	Prewash – main wash at normal water level 60° C – cooling – 5 rinses – spinning
2	 95° C		B C	Main wash at normal water level 60° C – cooling – 5 rinses – spinning
1	 30° C to 95° C		A B C	Prewash – main wash with reduced drum movement, normal water level – cooling – 4 rinses – the laundry is left in the last rinse water
2	 30° C to 95° C		B C	Main wash with reduced drum movement, normal water level – cooling – 4 rinses – the laundry is left in the last rinse water
1	 30° C to 60° C		A B C	Prewash – main wash at high water level – cooling – 4 rinses – the laundry is left floating in the last rinse water
2	 30° C to 60° C		B C	Main wash at high water level – cooling – 4 rinses – the laundry is left floating in the last rinse water
5	cold to 30° C		B C	Main wash at high water level and particularly gentle drum movement – 3 rinses – the laundry is left floating in the last rinse water
3			C	Rinsing and spinning
			C	Rinsing – the laundry is left floating in the last rinse water
7	up to 40° C		A	Prewash at high water level – the laundry is left floating in the soap water
4				Spinning
4				Gentle spinning – (repeated short spins followed by loosening action)
6				Pumping – short spin
8				Pumping

## Operation

Plug the machine in or switch on (if permanently connected).

Hook the drain hose over sink edge.

Unless plumbed in, connect the supply hose to the tap.

Open the tap.

Open the door.

The door can only be opened when the programme control is in position

Load with dry laundry after careful sorting.

Close the door.

Pull out the front wash powder dispenser.

Add washing powder and fabric conditioner.

Push the dispenser back in.

Turn the programme selector in a clockwise direction, set it to the required position.

Push buttons as necessary.

Select the required temperature.

Pull the programme selector knob out to switch on.

The programme starts.

The control light comes on.

The programme selector turns as the programme progresses. It stops during heating-up until the required temperature is reached.

Please remember that the glass of the door gets hot during washing (do not touch).

The door features a safety lock and cannot be opened during a programme cycle.

On completion of the programme

the machine switches off automatically and the programme selector remains in the relevant cut-off position (one of the breaks in the cycle indicator band).

Push the programme selector back in and turn to "0".

The control light goes out.

Release the buttons through fresh depression is applicable.

Return the temperature control to "0".

If the programme ends with the laundry in the last rinse water, remember to pump off the water before opening the door.

Open the door (on programmes with spinning cycle this is not possible until approx. 1 minute after completion of the programme — safety feature).

Should you have interrupted the programme in the middle of a spinning cycle, it is possible that the door cannot be opened after the 1 minute waiting time. In this case you should operate the control knob in a clockwise direction until it is back in its starting position.

Remove the laundry.

If you have nothing else to wash, close the tap, pull the plug out of the socket or switch.

## Maintenance

When you have done all your washing, close the tap and pull the plug out of the socket or switch off the main switch.

Leave the door open for a short while to allow the machine to dry out.

Remove any washing powder left in the dispenser. To do this, hold the dispenser with both hands, lift and pull out completely, giving it a short sharp pull.

What is important is that you regularly clean the drain filter (**fig. D**). To do this, place a flat dish on the floor below the filter outlet bottom left. Next, fold down the lower panel (where the machine has been built in should use the plastic hook provided for the purpose) and give the filter cover about half a turn in anti-clockwise direction. The water can now drain off. Unscrew the filter completely and clean it. When refitting the filter, please ensure that it is inserted correctly in its guides and securely tightened.

Occasionally you should also clean the filter in the water inlet hose.

What may look like rust stains on drum or tub is due to ferrous foreign bodies introduced with the laundry or the water.

Remove such stains with a stainless steel cleaning agent. Do not use chlorous or fer-

rous scouring powders. Never use acids, chloride or bleach in the machine.

Should your machine show grey deposits of lime, please do not try to remove them but contact your AEG Service Department instead.

If there is a danger of frost, empty the machine in good time of all water by opening the drain filter. Unscrew the supply hose and let it drain as well.

## What to do if things go wrong

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

### **The programme is not starting**

Has the machine been plugged in or switched on?

Are the fuses in order?

Has the door of the machine been closed properly?

Has the programme selector been pulled out to the "ON" position?

### **Too little or no water is coming in**

Has the tap been opened?

Has the wash powder dispenser been fully pushed home?

Is the filter at the water inlet blocked? — It should be cleaned from time to time.

Is there a kink in the supply hose?

Is the water pressure too low?

### **The water is immediately running off again through the drain hose**

Please note that the discharge end of the hose must not be immersed in the pumped-off water (siphon action).

### **The programme selector stops during the programme cycle**

Your washing machine has been fitted with an AEG Thermo-Chron control system. This means that the control knob stops during prewash and main wash until the required temperature is reached.

### **The washing powder foams over**

Too much washing powder! Reduce the amount of washing powder used in the next programme.

**The programme (whites or coloureds) has been completed without spinning**

Buttons I or II were not cancelled after the last programme.

The thermal protection device of the motor has tripped. The spinning cycle automatically comes on again at intervals of up to an hour.

Possible cause: could be blocked drain filter or a kink in the drain hose.

### **The door cannot be opened immediately after completion of the programme cycle.**

Your LAVAMAT is equipped with a door safety lock, which cannot be opened during a spin cycle nor until approximately 1 minute after completion of the spin cycle.

Should you be unable to trace the cause of the problem, then please contact your AEG Service Department. To assist our Service Staff, please quote the model, and E-number which is on the rating plate on the rear of the machine.

## Installation

**Attention.** Having unpacked the machine, you must first remove the transit bars. Detailed instructions for this are given in a leaflet in the machine. Unscrew the worktop and rear plate and remove the 3 parts — 2 bars and 1 bracket — forming the transit bar assembly.

**Fig. A** shows these transit bars in detail. It is of the utmost importance that you remove all 3 parts.

Keep these transit bars as you will need them when moving house.

You can now position the machine as required.

Your washing machine features a three-point support system so that no adjustment of feet is required.

Should levelling become necessary — e.g. when incorporating the machine in a fitted kitchen system — then adjustable feet are available as an optional extra (part number E 605 899 821).

## Electrical Connection

Voltage: 220/240 AC.

Plug: 13 amp fused or 15 amp.

**Warning: this appliance must be earthed.**

### Important.

The wires in the mains lead are coloured in accordance with the following code: —

1. green and yellow — earth
2. blue — neutral
3. brown — live

Fit the mains lead with a 3-pin plug.

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

1. The wire which is coloured **green and yellow** must be connected to the **earth** terminal in your plug, which is marked with the letter E or by earth symbol  $\perp$  or coloured **green**, or **green and yellow**.
2. The wire which is coloured **brown** must be connected to the **live** terminal which is marked with the letter L or coloured **red**.
3. The wire which is coloured **blue** must be connected to the **neutral** terminal which is marked with the letter N or coloured **black**.

When wiring the plug ensure that all strands of wire are securely retained in each terminal. Do not forget to tighten the mains lead clamp on the plug. If your installation is fitted with 2-pin socket outlets, or if you are in doubt consult a qualified electrician.

## Water supply

Your washing machine is fitted with a high quality pressure hose 3/8 in. bore with a 3/4 in B.S.P. screw connector for connection to a water tap with male thread. The necessary washers are enclosed. (Please do not use any other washers as these may be of unsatisfactory quality). Hand tightening of the nut is sufficient — be very careful when using tools.

To protect the drinking water supply system, your washing machine is fitted with an anti-siphon and emergency overflow.

Please do not connect the machine to a hot water supply, as this has an adverse effect on the washing performance of the machine.

### Notes for the plumber:

minimum water pressure: about 1 bar excess pressure (= 1 atü, = 1 kgf/cm<sup>2</sup>, = 10 N/cm<sup>2</sup>) = 15 p.s.i.

Maximum permissible water pressure about 10 bar. Where the supply pressure exceeds 10 bar, it is necessary to fit a pressure relief valve (type AD 723 E-No. 612 896 723).

Please ensure you comply with the drinking water regulations of your local Water Board. Should you require a longer supply hose than provided, then please use only a continuous high-pressure hose (at least 60 bar) of suitable length. **Do not extend the existing hose.** On no account must you use cheap garden hoses or similar. Please ensure that suitable clamps are used for attaching the hose to the connector fitting.

Please close the water tap on completion of each wash programme.

(When you want to soak laundry for a long period, we recommend that you close the tap after the temperature has been reached — end of drum movement).

Should you discover some residual water in your machine — please do not worry. It does not mean that the machine has been used before, but is due to the very thorough quality control at our works.

## Water discharge

To drain the machine of all soap and rinse water it is fitted with a pump which is controlled by the programme. It delivers water to a head of 1.1 m through the drain hose fitted at the back of the machine.

The drain hose (I/D 19 mm max.) is bent at the end for hooking it over a sink edge or similar. Please secure the bent end in such a way that it cannot slip off (especially where the sink or basin edge is very sharp).

If a permanent connection to a siphon is required, you can shorten the drain hose as necessary. (In this case the hose must be ventilated. The necessary ventilating valve or breather is available from your AEG Service Department.)

When installing the machine in rooms with floor drainage (gully in laundry rooms), you can place the hose directly on the floor after cutting off the bent part at an angle. The hose has been routed inside the machine in such a way that no water can drain off unintentionally when placing the drain hose on the floor.







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