

LAVAMAT PRINCESS 802-3

LAVAMAT BELLA 802

LAVAMAT BELLA 1002

Operating Instructions



Your washing machine

**LAVAMAT PRINCESS 802**  
**LAVAMAT BELLA 802**  
**LAVAMAT BELLA 1002**

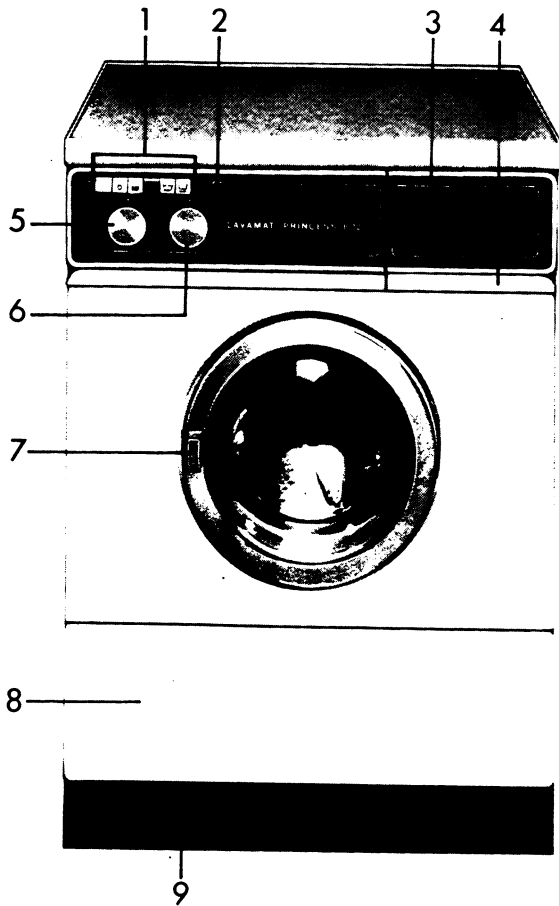
offer you the advantage of compiling the wash programmes as you like as well as special 'Economy' programmes for slightly soiled laundry and spinning at high speeds.

LAVAMAT BELLA 1002 offers you an additional gentle programme for woollens.

Please read the following instructions very carefully before starting to use your LAVAMAT, so that you may take full advantage of its many exciting features. Please remember to remove the transit bars (see Installation).

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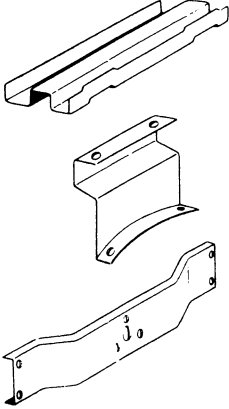
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- 1 = Selection buttons
- 2 = Control light
- 3 = Programme schedule
- 4 = Handle for detergent dispenser
- 5 = Programme selector
- 6 = Temperature selector
- 7 = Handle to open door
- 8 = Lower front panel (when this is lowered the fluff filter becomes accessible).
- 9 = Fluff filter

## Installation

Having unpacked the machine, you must first remove the transit bars. Detailed instructions for this 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. It is of the utmost importance that you remove all 3 parts.



Keep these transit parts, as you will need them if 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).

Voltage 220 AC, 240 AC for U.K. market

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 good quality 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 coloured GREEN and YELLOW must be connected to the EARTH terminal in your plug, which is marked with the letter E or by the earth symbol or coloured GREEN, or GREEN and YELLOW.
2. The wire coloured BROWN must be connected to the LIVE terminal which is marked with the letter L or coloured RED.
3. The wire 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.

### Dimensions

Height 85 cm  
Width 59.5 cm  
Depth 60 cm

### Weight

100 Kg. approx.

## Water supply

Your washing machine is fitted with a high quality high pressure hose with 3/4" B.S.P. connector for connection to a water tap with male thread. The necessary washers are enclosed (please do not use any other washers as they may be unsatisfactory). 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.

## Technical notes

**Minimum water pressure:** about 1 bar positive pressure (1 atu, 1 Kgf/cm, 10 N/cm, 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 relieved 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 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.

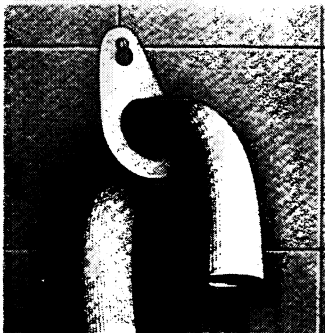
Please close the water tap on completion of each wash programme. (When you want to soak laundry for a longer period we recommend that you close the tap after the temperature has been reached - end of drum movement).

Should you discover some residual water in your new 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 (1/D 19 mm max.) is bent at the end for hooking over a sink edge or similar. Please secure the bend in such a way that it cannot slip off (specially where the sink or basin edge is very wide). To do this you can use the holder provided and then attach to a wall hook or tap.



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 a room with floor drainage (gully in laundry rooms) you can place the hose straight 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.

## 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 all articles from pockets, i.e. hairpins, needles, paper clips, etc. repair tears, close all zips, loosley tie apron strings and 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 colour 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 fabrics 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.

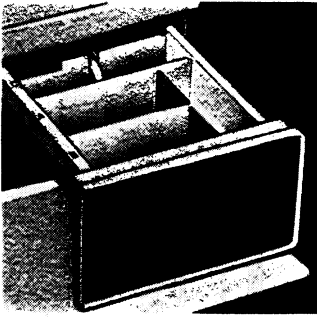
## Load size

Normally soiled whites or coloureds. The drum has been correctly loaded when you can still turn your hand freely between drum wall and the still dry laundry.

Heavily soiled whites or coloureds (cottons and linens) - up to 4 Kg (9 lbs) 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 lbs) dry laundry. (This is equivalent to 6-8 shirts). The reason for the reduced load is to enable these fabrics to float in the water to prevent heavy creasing.

## Wash powder dispenser

This is done automatically. You can put the detergent for the prewash, main wash and the after care agent (fabric conditioner) into the detergent dispenser before the beginning of the programme:



Compartment A (centre) for the prewash,  
Compartment B (front) for the main wash,  
Compartment C (rear) for the fabric conditioner.

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

## 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 into the drum. Then select programme 3.

## Wash powder

Please follow the manufacturer's instructions as to the amount of washing powder used. Overfoaming can be caused by several things.

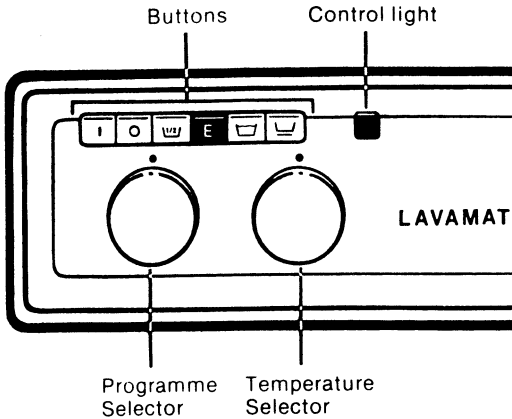
1. Wrong type of powder.
2. Too much washing powder in conjunction with soft water.
3. When washing very small loads.

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

## For the U.K. market only:

we recommend the use of - Persil automatic - in your new LAVAMAT. This powder has been specially formulated for front loading automatics.

# Controls



## 1) Programme Selector

The programme selector has 8 settings for the basic programmes:

- 1 Wash programme with prewash.
- 2 Wash programme without prewash.
- 3 Fabric conditioning - starching - spinning.
- 4 Pumping - spinning.
- 5 Woollens (extra gentle).
- 6 Short spin (automatic SL action).
- 7 Soaking - prewash extra.
- 8 Pumping.

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

The programme selector must always be rotated in a clockwise direction.

## 2) Temperature control

With the temperature control in position "0" 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 garment.

## 3) Selector buttons


Button  switch on.

Button  switch off.

Operation of the  button cancels the function of all other buttons.

### Button for small loads

This button enables you to work with less water, electricity and detergent than that used for larger loads. It should only be used for small quantities of laundry, about half a drum load, because the use of this button results in reduced water level in washing and rinsing there is up to 45% saving of water, up to 45% saving of electricity and up to 20% saving of time. Naturally the amount of detergent used is also reduced.






Button  can be used in conjunction with programmes 1, 2 and 3. Please note however, that the most economical way of using the machine is to fill it to it's capacity.



## Button (Energy Saving)

By selecting this button in conjunction with programme 1 or 2 the water temperature is limited to 60°C and the length of 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 not heavily soiled. Furthermore, you save electricity and the wear and tear on your laundry is reduced.

## Button and

You can of course wash small quantities (half a drum full) in which case you press knobs  and  , and save up to 45% of water, 50% electricity and of course detergent. The 'energy saving' knob  cannot be combined with buttons  and .

## Button



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, acrilan, polyester/cotton etc. The laundry will remain floating in the last rinse water to reduce the possibility of creasing. Before opening the door, the water must be pumped away. Select programmes 4, 6 or 8 (see programme chart on pages 8 and 9).

## Button

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, 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 and

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









## Wash programmes


The basic programmes of your LAVAMAT can be adapted for practically all kinds of fabric 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 10 and 11 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.

Basic programmes		Max. load	Types of laundry
Hot wash and coloureds - heavily soiled <b>with</b> prewash	30°C - 95°C	up to 5 Kg (11 lbs.)	Cotton, linen like bed-linen, table-linen, shirts, towels, aprons etc.
Hot wash and coloureds - less heavily soiled <b>without</b> prewash	30°C - 95°C	up to 5 Kg (11 lbs.)	
<b>E</b> Hot wash <b>with</b> prewash	95°C	up to 5 Kg (11 lbs.)	Cotton, linen etc. slightly soiled
<b>E</b> Hot wash <b>without</b> prewash	95°C	up to 5 Kg (11 lbs.)	
Hot wash for easy care fabrics <b>with</b> prewash 	30°C - 95°C	up to 1,5 Kg (3,5 lbs.)	Linen with special finishes, cotton mixtures, synthetics which do not require high water-level - like baby linen, napkins etc.
Hot wash for easy care fabrics <b>without</b> prewash 	30°C - 95°C	up to 1,5 Kg (3,5 lbs.)	
Hand warm wash for delicate fabrics <b>with</b> prewash 	30°C - 60°C	up to 1,5 Kg (3,5 lbs.)	Nylon, polyester, cotton, rayon articles with special finishes and all sensitive synthetics
Hand warm wash for delicate fabrics <b>without</b> prewash 	30°C - 60°C	up to 1,5 Kg (3,5 lbs.)	
Wool  cold up to 30°C		up to 1 Kg (2,5 lbs.)	Machine-washable wool, textiles of wool mixtures, silks and printed acetates with colours
Special programmes			
Soft rinsing - mild starching - spinning		up to 5 Kg (11 lbs.)	Cottons and linens
Soft rinsing - mild starching 		up to 1,5 Kg (3,5 lbs.)	Easy care fabrics
Soaking - extra prewash		up to 4 Kg (9 lbs.)	Cottons and linens, very heavily soiled
Pumping and spinning		up to 5 Kg (11 lbs.)	Cottons and linens
Pumping - variomatic - spinning		up to 1,5 Kg (3,5 lbs.)	Easy care fabrics, sensitive cotton
Pumping and short spin		up to 1 Kg (2,5 lbs.)	Wool and wool mixtures
Pumping			Delicate fabrics which must not be spun

Dispenser compartment: A = powder for prewash B = powder for main wash C = treatments

Progr. Selector	Temp. Button Selector	Dispenser Compartment	Programme Cycle
1	30°C to 95°C	A B C	Prewash - mainwash at normal water level cooling - 5 rinses - spinning
2	30°C to 95°C	B C	Mainwash at normal water level - cooling 5 rinses - spinning
1	 95°C	A B C	Prewash - mainwash at normal water level max. 60°C - cooling - 5 rinses - spinning
2	 95°C	B C	Mainwash at normal water level max. 60°C - cooling - 5 rinses - spinning
1	 30°C to 95°C	A B C	Prewash and mainwash with reduced drum movement at normal water level - cooling - 4 rinses - the laundry is left floating in the last rinse water
2	 30°C to 95°C	B C	Mainwash at normal water level with reduced drum movement - cooling - the laundry is left floating in the last rinse water
1	 30°C to 60°C	A B C	Prewash and mainwash 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	Mainwash at high water level - cooling - 4 rinses - the laundry is left floating in the last rinse water
5	cold up to 30°C	B C	Main wash at high water level and very gentle drum movement - 3 rinses - laundry is left floating in the last rinse water
3		C	Rinsing and spinning
3		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 suds
4			Spinning
4			Gentle spinning - (repeated short spins followed by loosening action)
6			Pumping and short spin
8			Pumping

After programmes marked  laundry is suspended in the last rinse water.

## Operation

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

Unless plumbed in, connect the supply hose to the tap. Hook the drain hose over sink edge.

Open the tap.

Open the outer and inner door.

The door can only be opened when the programme control is in position **I**.  
(This applies to LAVAMAT PRINCESS only)

Load with dry laundry after careful sorting.

Close the inner and outer doors.

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.

Press button **I**.

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 push button **O**.

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

The control light goes out.

Release the buttons through fresh depression as 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 clockwise direction until it is back in its starting position.

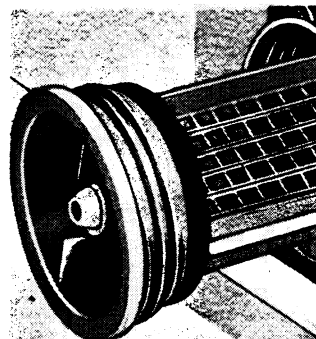
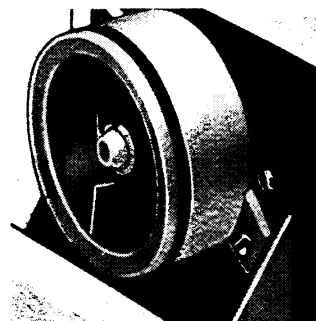
Remove the laundry.

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

## 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 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 a short sharp pull.



### **What is important is that you regularly clean the drain filter.**

To do this, place a flat dish on the floor below the filter outlet; bottom left. Next fold down the lower front panel (where the machine has been built in, you should use the plastic hook provided for the purpose) and give the filter cover about a half a turn in anti-clockwise direction. The water can now drain off. Inscrow 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 ferrous scouring powders. Never use acids, chloride or bleach in the machine.

## **What to do if things go wrong**

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

### **The programme does not start**

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  button been depressed?

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

Has the tap been turned on?

Has the wash powder dispenser been fully pushed in?

Is the filter at the water inlet blocked? - It should be cleaned regularly.

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 drain hose must not be immersed in the pumped-of water (siphon action).

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

Your washing machine is equipped with a thermo-chron control system so that the control remains motionless in the prewash and main wash position until the right temperature is reached.

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

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

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

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 until approximately one 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 model and E-number of your machine, which is on the rating plate on the back of the machine.





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