

# ÖKO\_LAVAMAT 6955 sensorlogic

The environmentally friendly  
washing machine

Operating Instructions

## Dear Customer

**Before using your new washing machine please read this Instruction Booklet as well as the Installation and Connection leaflet. They contain important information for your safety, and on the use, installation and maintenance of the machine.**

**Your washing machine will repay this effort with excellent performance.**

**If you have a problem with the washing machine, look at the chapter „Troubleshooting“. In many cases, you can solve the problem yourself and thus avoid service charges.**

**Please keep both documents in a safe and accessible place and pass them on to any subsequent owner of the machine.**

### **Important information:**

- small amounts of water may be present in the new washing machine as a result of having completed factory tests.
- you should run an initial wash cycle without laundry to remove residues of factory-applied grease from the drum and tub. Select programme 60 °C cotton wash with half measure of detergent.



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## Safety Advice

The safety of AEG domestic appliances complies with the recognised technical regulations and laws regarding mechanical safety. Nevertheless, as the manufacturer, we feel obliged to give you the following safety advice:

### Before first use

- **The washing machine must be installed and connected properly. Read the Installation and Connection leaflet for all you need to know about this.**

**Only use the washing machine for the washing and spinning of domestic laundry. If the washing machine is misused, you will be liable for any resulting damage.**

- Check the washing machine for transport damage. A damaged machine should never be switched on. In case of damage, contact your supplier.
- Before first use, make sure that the nominal voltage and current stated on the machine's rating plate comply with the nominal voltage and current in your area.
- When installing the washing machine under a kitchen worktop: if the standard machine worktop is removed, a special cover plate **must** be fitted to ensure electrical safety. Only then should the machine be used. See details in the Installation and Connection leaflet.
- Pieces of packaging (e.g. foil or polystyrene) can pose a danger to children. There is danger of suffocation! Keep pieces of packaging away from children.

### Everyday Use

- Never use the washing machine if the mains cable, inlet or drain hose are damaged, or the control panel, worktop, plinth or porthole are damaged.
- Repairs to the washing machine may only be carried out by qualified service engineers. Inappropriate repairs can cause considerable danger to the user. If there is a malfunction, please contact our Customer Service Department.
- In case of malfunction, first close off the water tap. Then switch off the machine and pull out the power plug.
- Never pull the plug out of the socket by the cable. Always grip the plug itself.
- Be careful not to splash water onto the machine as this could cause electric shock.

- Children often do not recognise dangers posed by machines, therefore keep children away from the machine when it is in operation.
- Please note that small animals can chew their way through the electrical and water connections. Keep household pets away from the washing machine and ensure that none have found their way into the drum!
- Do not put your hand into the revolving drum. Wait until it has completely stopped to prevent possible injury.
- When washing at high temperatures, the porthole will become hot. Do not touch. Danger of burns. Keep children away.
- If the door, drain hose or filter cap needs to be opened in an emergency (e.g. power cut) the wash water may still be very hot. Danger of scalding! Leave the water to cool before opening door.
- Ensure that the drain hose is securely held in place if draining into a sink or bath. Danger of flooding or scalding!
- If the washing machine is situated in an outhouse or anywhere that is likely to be subjected to frost, the appliance must be drained using the drain hose and the water switched off during cold spells. See „Trouble-shooting“.
- Solvent-containing stain removers are highly flammable. Leave the solvent to evaporate completely from the material before putting into the washing machine.
- Never use the washing machine for chemical cleaning.
- Dyes/dye removal agents and water softeners may only be used if the manufacturer of these products expressly states that they are suitable for use in automatic washing machines. Please follow their instructions.
- At the end of the washing machine's life, cut off the plug and mains lead and remove the lock from the door before disposing of the machine in an environmentally responsible manner.

CE This appliance conforms to EC guidelines:

- 73/23/EWG dated 19.02.73 – low voltage regulation.
- 89/336/EWG dated 3.05.89 (including amendment 92/31/EWG) – EMV guidelines.

## ÖKO Systems and Ecological Tips



Your new ÖKO-LAVAMAT from the AEG ÖKO system meets all modern laundry care requirements and is extremely economical in water, energy and detergent consumption.

### The Sensorlogic System

This AEG developed rinse/spin system ensures best possible wash and rinse results while using the least amount of water.

### The Load Sensor

The exact amount of water required for any wash load quantity and type of material is automatically determined by the the Fuzzy-logic processor.

### The ÖKO Lock

The ÖKO lock ensures 100% effective detergent usage. The ÖKO valve closes off the wash tub from the drainage system during all wash programmes.

### The Scoop Ribs

Scoop ribs arranged in the laundry drum continuously recirculate the water upwards, ensuring intensive and uniform soaking of your laundry.

### The 3-stage Dispensing System

The advantage of the 3-stage dispensing system is the scope it provides for saving detergent, sparing the environment, and further improving the performance of modular detergents.

### The CONDITIONER Button

For environmental reasons this machine has been designed to **NOT** automatically dispense fabric conditioner. If you wish to use a fabric conditioner the **CONDITIONER** button **must be depressed**. This automatically increases the water consumption by 5 litres.

### Disposal of Packaging Material

All packaging materials used are environmentally friendly and recyclable. Cardboard pieces are made from used paper and wooden items are untreated. Plastic items are marked as follows:

>**PE**< polyethylene, e.g. packing film

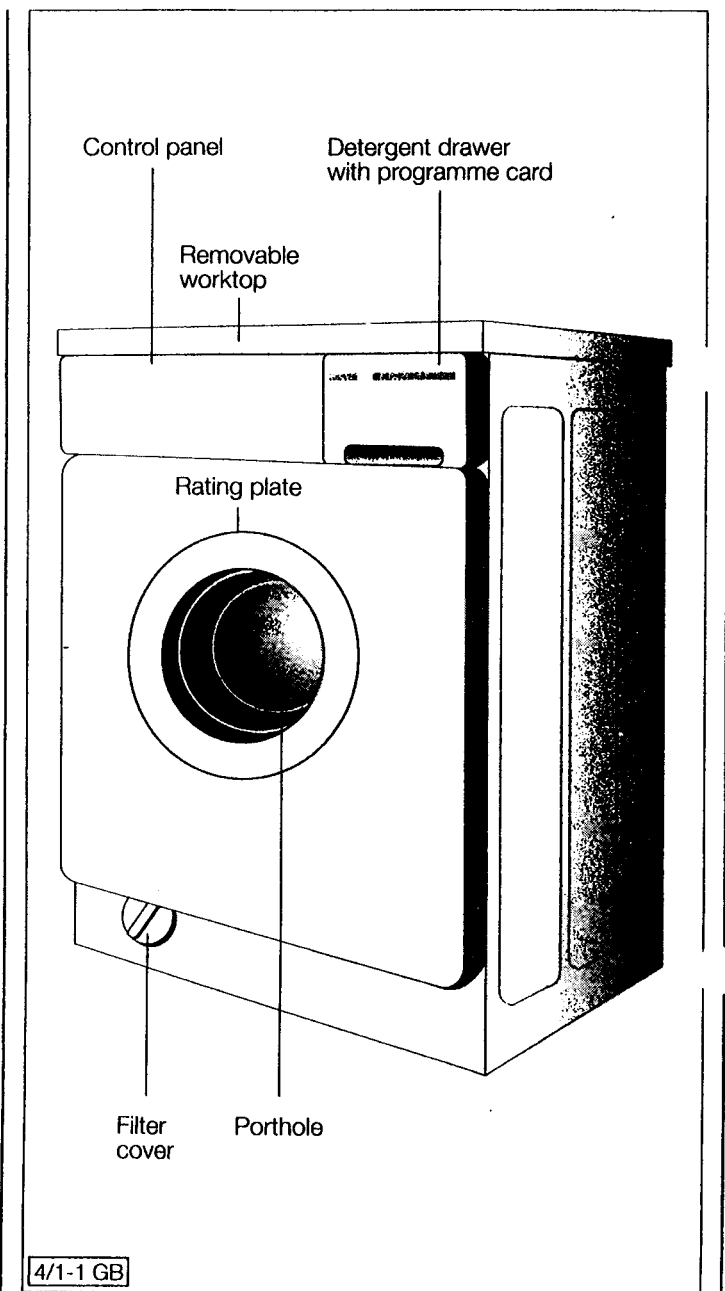
>**PS**< polystyrene, e.g. packing (CFC-free)

Take the packaging to the nearest recycling centre. You can find out where this is from your Local Government Office.

## **Ecological Advice**

- Normal programmes without pre-wash are designed for everyday, normally-soiled laundry. Compared to programmes with a pre-wash, the consumption of energy, water, detergent, as well as time, is reduced.
  - Make use of the advantage of modular detergents.
  - Wherever possible use a full wash load.
  - For lightly or normally-soiled cottons the ENERGY SAVING programme should be selected.
  - By effective pre-treatment, good wash results can be achieved at lower temperatures.
- † Do not use too much detergent. Follow the manufacturer's recommendations.

## Product Description





## **Brief Instructions for using the Machine**

### **■ Prepare laundry**

Sort, pre-treat if necessary

### **■ Select programme**

Set selector to desired programme

Set any chosen wash options

### **■ Open door**

Press DOOR button

### **■ Place laundry in drum**

### **■ Add detergent**

### **↳ Close door**

### **■ Press START/PAUSE button**


### **■ At end of wash**

Press DOOR button

Remove laundry

Turn Programme Selector to OFF

## Before Starting to Wash

- Check that the fabrics are machine washable. The international care labels will give you guidance.
- Woollens labelled only with the woolmark  are **not** suitable for machine washing. Garments marked with the following symbols are also **not** suitable for washing in a machine:

**Hand wash**



**Do not wash**



### Sorting the Laundry

- Sort laundry into types as follows, separating coloureds from whites:

**Cotton/linen – Whites**



**Cotton/linen – Coloureds**



**Easy-care fabrics**



**Delicates**



**Woollens**



- Woollens must be labelled with the woolmark and additionally marked "will not felt", "non-felting", or "machine washable".
- Coloureds and whites should never be washed together, whites will turn grey. New dark coloured laundry will often state „wash separately“. This type of garment will often have surplus colour which may be transferred to lighter fabrics during washing. Always wash such items on their own for the first few washes.
- You may also see the following labels. They are not common in the UK but are widely used in garments manufactured in the rest of Europe:

**White cotton articles with special finishes**



**White nylon and white polyester cotton**



**This label may be found in a variety of garments – the articles should be laundered on the wool programme**



Wherever possible, remove stains immediately before they have set, with soap and water or with a pre-treatment agent (spray, liquid detergent).

## Pre-Treating

Care Needed for Certain Fabrics. You will help to care for your laundry by following these guidelines.

## Preparing the Laundry

### ■ Empty pockets.

Please make sure that no metal objects (e.g. paper clips, staples, coins, etc.) remain in any articles.

Button up pillow cases, close zip fasteners, hooks and eyes. Tie together loose belts and long apron strings.

Turn coloured knitted garments inside out.

Particularly small or sensitive garments (e.g. baby socks, tights, etc.) should be washed in a net wash bag or pillowcase.

### ■ Handle curtains especially carefully.

Remove rings and hooks from your curtains to avoid damage or tearing.

Synthetic curtains should be handled carefully as they snag easily.

Place net curtains in a pillowcase or wash bag.

Spin curtains only when permitted by the manufacturer.

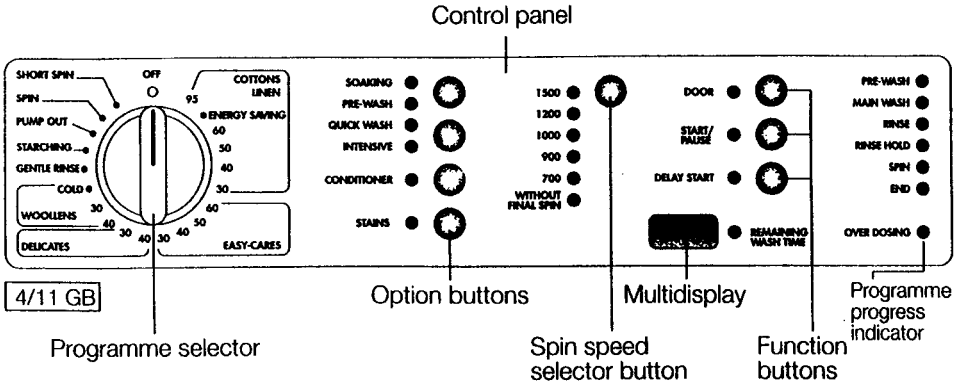
	Full Load	Small Loads
Cotton/linen - whites/coloureds normally soiled	5.0 kg	2.5 kg
Heavily soiled	3.5 kg	1.8 kg
Easy-care fabrics and delicates	2.5 kg	1.3 kg
Woollens	1.0 kg	-
Short programme for whites/coloureds	2.5 kg	1.3 kg
Short programme for easy-care fabrics	2.5 kg	1.3 kg
Extra pre-wash/soak	3.5 kg	1.8 kg

## Wash Load (maximum weight of dry laundry)

Use the recommended full load wherever possible as this is the most economical way to wash.

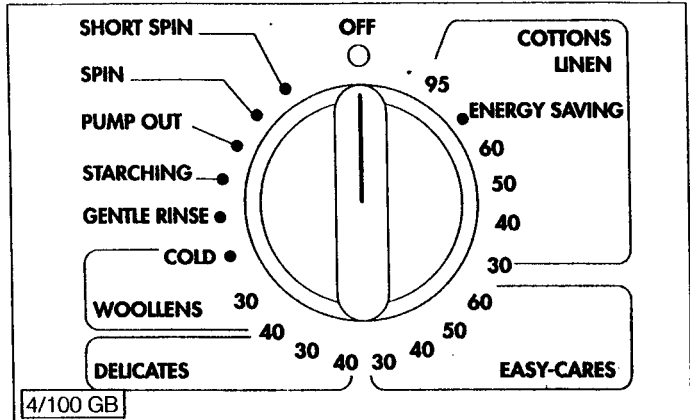
Do not overload! This will adversely affect the wash result. When washing easy-care fabrics susceptible to creasing, reduce the load.

## Selecting the Wash Programme



### Programme Selector/ Switching on

The programme selector is used to switch the machine on and off. It can be turned to left or right to the selected wash programme.



Turn the selector to the chosen wash programme and option features.

### ENERGY SAVING

Use this programme instead of a 95°C cotton wash for light or normally soiled laundry. Wash duration is identical but the wash temperature is decreased to 67°C, thereby saving energy.

### GENTLE RINSE

Delicate, hand-washed items can be rinsed and spun separately using this programme.

### STARCHING

Freshly washed laundry can be starched and spun using this programme. Dissolve powder starches, dilute liquid starches and pour into the compartment marked with the green tab.

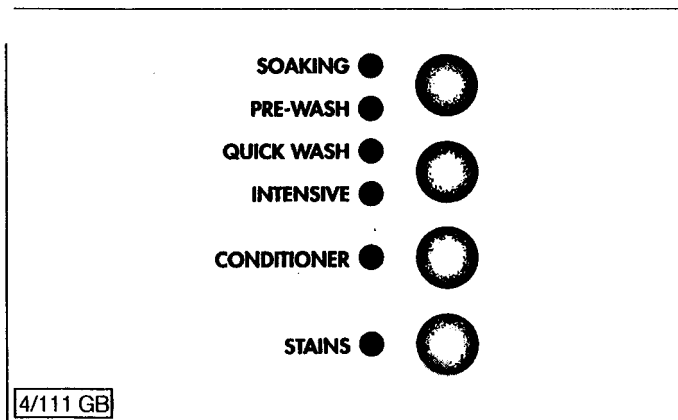
Use in combination with a wash programme without FINAL SPIN to pump out the water without spinning.

Separate long spin programme for cotton and coloured washes.

Separate short spin programme for easy-cares/delicates and woollens.

The optional programme buttons are designed to adjust the main wash programmes to suit the level of soilage, i.e. lightly soiled or heavily soiled. Normally soiled laundry should not require any optional programme button to be selected.

All options can be selected by pressing the button once or twice and can be cancelled by pressing the button again.



Heavily soiled laundry, with the exception of woollens, can be washed using a main wash programme with an additional SOAKING or PRE-WASH option.

The soaking programme duration is approximately one hour. The temperature is approximately 40 °C. It is possible to prolong the soak time for up to .9 hours. See section "DELAY START" for instructions.

After one hour the temperature is no longer maintained and the laundry then soaks for the remaining selected time without further heating.

**At the end of the soaking period the selected wash programme automatically switches on.**

This programme adds a cold pre-wash to the main wash. Approximate duration approx. 20 minutes.

The Quick-wash can be selected for all wash programmes with the exception of ENERGY SAVING. It is specially designed for lightly soiled laundry. Programme duration is reduced.

## PUMP OUT

## SPIN

## SHORT SPIN

## Option Buttons and their functions

## SOAKING

## PRE-WASH

## QUICK-WASH

**INTENSIVE**

The intensive programme can be selected for all programmes except ENERGY SAVING and WOOLLENS. Normally to heavily-soiled laundry can be washed vigorously. The wash duration of the main wash is extended by approximately 20 minutes.

**CONDITIONER**

When using fabric conditioners the CONDITIONER button must be depressed. This allows the conditioner to be dispensed into the rinse water.

**STAINS**

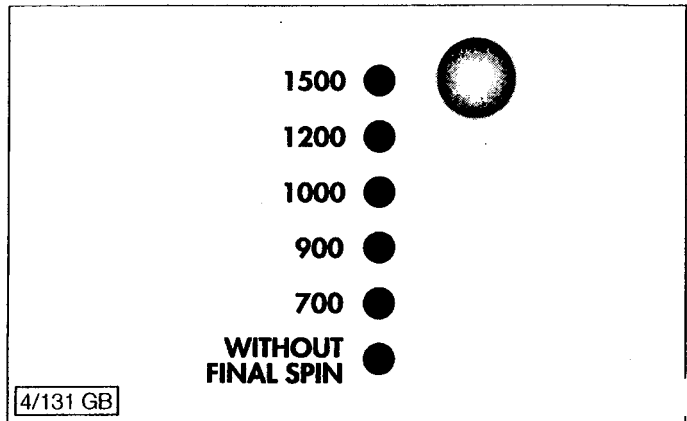
Heavily stained laundry can be pre-treated with stain salt or bleach. With **this button depressed**, the product is dispensed at the best time and temperature. The programme duration is prolonged by approximately 20 minutes.

This button is ineffective in the woollens programme.

**Spin Speed Options**

This button is used to adjust the spin speed or to select a rinse hold setting, WITHOUT FINAL RINSE.

By selecting a wash programme, the most suitable spin speed is automatically selected. However, this can be manually overridden by repeatedly pressing this button until the chosen spin speed is illuminated. Delicate laundry is protected from damage by a pre-set maximum spin speed that cannot be overridden.



If the light on any of the spin speed indicators flashes, please refer to "Troubleshooting".

Programme	Automatically set at	Can be adjusted to (max.)
Cottons/coloureds	1500 rpm	1500 rpm
Easy-cares/delicates	900 rpm	1200 rpm
Woollens/delicate spin	900 rpm	1000 rpm

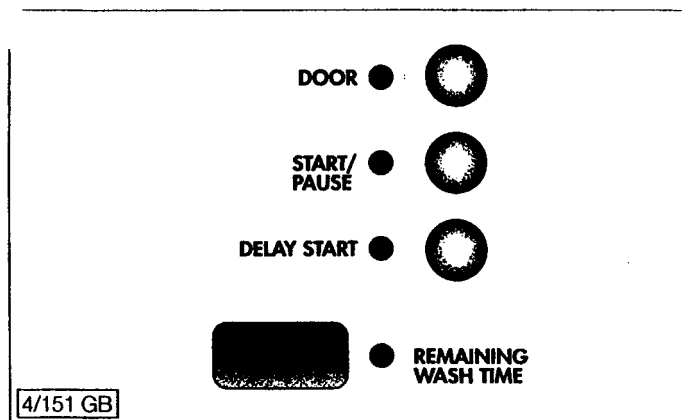
#### WITHOUT FINAL RINSE (Rinse hold)

The laundry remains in the last rinse water or in the soaking solution. Select WITHOUT FINAL RINSE if you are unable to remove the laundry from the machine directly after the spin and therefore wish a rinse hold. This reduces fabric creasing.

At the end of the cycle, the START light flashes indicating that the programme has not finished.

To complete the programme either:

- press START/PAUSE to spin
- or select PUMP OUT and press START/PAUSE to drain, if you do not wish to spin the laundry.
- when the door light is green, press DOOR button and remove the laundry.



To open the door, turn on the machine and depress the DOOR button.

Green light: door can be opened

Red light: door is open

Light off: door is locked for safety purposes.

This button starts a selected programme.

Light flashing: programme can be started

Light on: programme is running

If this button is selected during the wash programme, the programme is immediately interrupted and the light starts to flash.

To re-start the programme press START/PAUSE button.

#### Function Buttons

**DOOR button** ○

**START/PAUSE button** ○

**DELAY  
START  
button**

The electronic delay timer allows you to pre-programme the start up to 19 hours in advance, e.g. to let the machine wash at night to make use of the off-peak electricity tariffs.

Guidelines for programme duration can be found under "Consumption Values and Programme Times".

**1. Setting the delay start timer:**

- select programme; the multidisplay will show the programme duration in minutes.
- press DELAY START button. Each press extends the delay time by one hour. Press repeatedly until the number of hours selected before the programme should start appears in the Multidisplay, e.g. 3h = 3 hours. The multidisplay will show and count down to the selected time for start of wash programme.
- press START/PAUSE button

The programme progress lights will go out; the count down time is shown in the multidisplay, which decreases to 0 = start time.

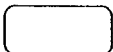
At the start of the wash programme, the multidisplay changes to show the programme duration, and thereafter counts down the remaining wash time. The programme progress indicator informs you of the actual stage the programme has reached.

**2. Extending the soaking time using the delay start timer:**

- select programme
  - press SOAKING button
- Initially the multidisplay shows the programme duration including the pre-set soaking time.
- each press of the DELAY START button extends the soaking time by one hour and this can be increased to a maximum of 19 hours. This time is shown in the multidisplay
  - press START/PAUSE button

The pre-wash light shows when the soak programme is in operation. The main wash programme automatically starts when the soak programme has finished.

**Multidisplay  
REMAINING  
WASH TIME**



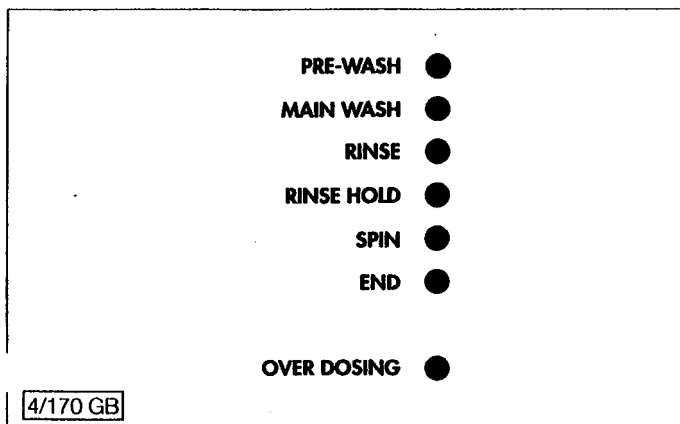
The multidisplay gives the following information:

- the time remaining until the programme end (in minutes). During the programme the Sensorlogic might become active, e.g. adding a special rinse when too much foam, less rinsing for minimum loads, thus increasing or decreasing the wash time.
- Delay Start/Soak Programme Duration (hours)
- Fault Finder (F)

If F1 or F2 appears in the multidisplay, please refer to "Troubleshooting". If any other message appears, please note down message and actual programme stage and contact AEG Customer Service Department for advice.



## Programme Progress Indicator



When the selector is set to a wash programme, all the wash stages of that programme become illuminated.

Once the programme has started, only the actual wash stage reached is illuminated

This light illuminates when the Sensorlogic wash system has recognised an excessive build up of foam during a Cotton/coloured or Easy-care wash. In this case the rinse water is automatically increased.

It is likely that too much detergent has been used. Please check that you have used the correct amount and adjust accordingly in the future.

This not only reduces the cost of detergent to yourself, but also helps the environment.

### OVER DOSIN

## Detergent

### Choosing your detergent

You can use all modern detergents and detergent additives suitable for domestic fully automatic washing machines.

The detergent dose depends on the laundry type and its degree of soiling.

Soiling is distinguished as follows:

- **Dirt**, such as e.g. dust, soot, sweat, sebaceous matter, etc.
- **Bleachable stains**, such as e.g. red wine, fruit, vegetables, etc.
- **Protein stains**, such as e.g. blood, milk, etc.

### Dyes and bleaches

■ **Dyes and bleaches** should, be used in your fully automatic washing machine only where expressly allowed by the manufacturer of these products.

### Detergent dose

The dose depends on the wash load, water hardness, and degree of soiling.

You are advised to follow the different dosage instructions on the detergent pack.

The water company in your area will provide you with information on the water hardness where you live.

#### Water hardness

Hardness range	°dH	mmol/l
I - soft	under 8	under 1.4
II - medium-hard	8-14	1.4-2.5
III - hard	15-21	2.6-3.7
IV - very hard	over 21	over 3.7

If the detergent manufacturer gives no dosage details for half-loads, you should add 1/3 less for your half wash load and only half the recommended full load dose for your smallest wash load.

### 3-stage dispensing system

The detergent dispensing cycle, time-staggered in 3 stages, is especially suitable for the application of modular detergents or for the addition of stain salts or bleaches to detergents designed for delicates and coloureds.

The advantage of the 3-stage dispensing cycle is the scope it provides for saving detergent, sparing the environment, and thereby further improving machine washing performance.

#### ■ 1st stage = Water pre-softening

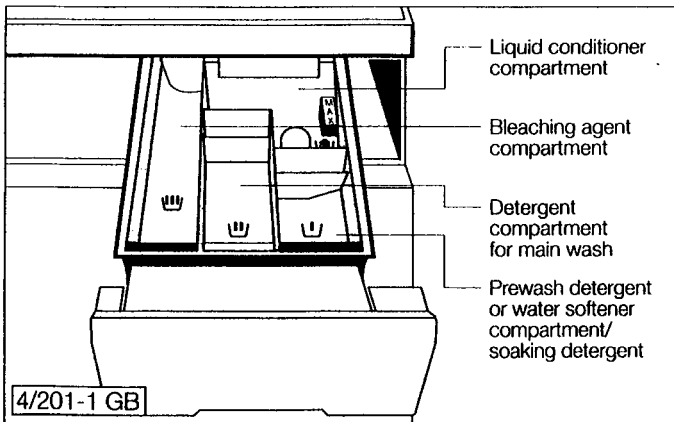
By adding a separate softener, you can save up to 40% detergent depending on water hardness. The softener is dispensed when the water is first supplied and immediately softens the water.

■ **2nd stage = Detergent dosage (bio-phase)**

When the water has been pre-softened, it is sufficient simply to dose your detergent according to hardness range I – soft. The detergent is dispensed, encounters pre-softened water, and is immediately involved in dissolving dirt. Modern detergents contain enzymes which remove protein-containing stains especially thoroughly in the low-temperature range. In stage 2 (bio-phase), the temperature is therefore limited to max. 40 °C.

■ **3rd stage = Stain salt/bleach dosage**

To remove bleachable stains, you need a stain salt or bleach. When detergent and bleach are added at the same time, the enzymes are limited in their effect by the oxygen from the bleach. The bleach is therefore dosed after the bio-phase.



**Dosing the detergent**

**Please also note the following:**











- When using programmes **with prewash** and addition of detergent and softener in the same compartments, you should always fill **detergent first and then softener**.
- ▲ Always put stain salt/bleach in the bleach compartment.
- If you prefer **liquid detergents**, please use the dosing aids offered by the detergent industry when adding them. You will find instructions on the detergent pack.
- You should dose these agents at most **up the "MAX" mark**.
- **If you are using thick conditioner concentrates or other fabric conditioners**, we recommend you to fill with water up to the "MAX" mark.

**Adding agents in powder form**

**Adding liquid detergents**

**Adding liquid conditioners**

## Programme tables

Care Label Laundry	Programme	Wash Load (Maximum)
 Cottons/linens	COLOUREDS Reference programme to DIN EN 60456	60 <sup>1)</sup> 5 kg
   Cottons/linens	COTTONS/ LINENS	95 60 50 40 30 5 kg
 Cottons/linens	<b>ENERGY SAVING</b>	
  Cotton with special finishes, mixed cotton fabrics, synthetics	EASY-CARES	60 50 40 30 2.5 kg
 Synthetics/curtains/ garments	DELICATES	40 30 2.5 kg
  Woollens, woollen mixes silk	WOOLLENS	40 30 COLD 1 kg
	GENTLE RINSE	1 kg
	STARCHING	5 kg
	PUMP OUT	5 kg
Cottons/linens	SPIN	5 kg
Easy-Cares/delicates/ woollens	SHORT SPIN	1 kg

**Programme Options:**

<b>SOAKING</b>	<b>PRE-WASH</b>	<b>QUICK-WASH</b>	<b>INTENSIVE</b>	<b>CONDITIONER</b>	<b>STAINS</b>
			X <sup>1)</sup>		
X	X	X	X	X	X
X	X			X	X
X	X	X	X	X	X
X	X	X	X	X	X
		X		X	
				X	

<sup>1)</sup> Note:  
 For tests to DIN EN 60456 the Intensive button must be depressed with the programme Coloureds 60 °C.

## Consumption Values and Programme Times

Energy, water and times for programmes listed below

Programme	Water- (litres)	Energy- (kWh)	Time (minutes)
Cottons/linens 95 °C	53	1.7	105
Energy Saving Programme	50	1.4	105
Coloureds 60 °C <sup>1)</sup> Reference programme to DIN EN 60456	50	1.1	110
Coloureds 60 °C	53	1.0	90
Coloureds 40 °C	50	0.7	84
Easy-cares 40 °C	62	0.6	71
Delicates 30 °C	60	0.5	62
Woolens 30 °C	64	0.4	58

The programme running times are dependent on the load size and the households laundry mix.

Deviations from these figures are likely subject to local conditions. The Sensorlogic system can reduce or increase the wash duration.

Programmes with a pre-wash have an extended wash time of approximately 20 minutes.

<sup>1)</sup> Note:

For tests to DIN EN 60456 the Intensive button must be depressed with the programme Coloureds 60 °C.

### Programme end

- After the programme has ended depress DOOR button until the door springs open.
- When emptying the drum be sure that **all** items are removed. Risk of damages in subsequent wash, e.g. shrinkage, colours running, etc, from articles left in drum.
- To turn off machine set programme selector to OFF.

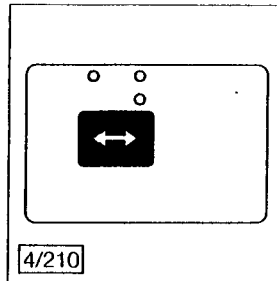
**Opening door  
and switching  
off machine**

## Selecting an additional rinse

This ÖKO-LAVAMAT washing machine has been designed to give outstanding rinse results using the least amount of water. However, for people with sensitive skin or detergent-related allergies, there is an option to select an additional rinse.


This optional extra rinse can be set for all future washes, until otherwise selected by you. The exception is the Wool programme, where this facility will not operate.

- Pull out the detergent drawer until the "High water level" selector (see diagram) on the left side of the frame is accessible.
- Turn this selector to the right. Once this option has been selected it will remain in operation until manually reversed.

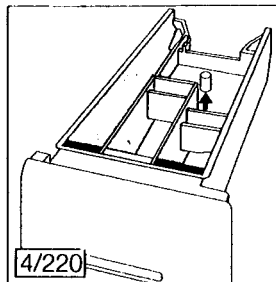


## Maintenance and care

You should occasionally clean the detergent dispenser tray free from detergent residues.

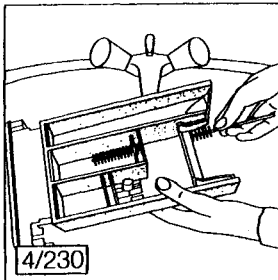
- To do this, jig the tray forwards until it comes out completely.
- Also take off the siphon cap in the compartment .

### Detergent dispenser tray



**Detergent  
dispenser  
tray**

- Clean the dispenser compartments from the back, preferably with warm water and a bottle brush.



- Clean the siphon under running water. Refit it to its fullest extent. Check that it is accurately seated!
- Also clean the inside of the tray compartment with a brush.
- Refit the tray in its guides and slide it back in.
- When the programme has finished, pull out the detergent dispenser tray slightly so that it can dry.

**Laundry drum**

The laundry drum is made of stainless steel. Corrosive foreign substances not removed from the laundry (see under "Before you start to wash") may cause rust stains on the drum. These stains can be removed with a stainless steel cleanser. Our service centre stocks these agents.

**Loading door**

Remove deposits or foreign matter from the rubber cuff behind the loading door.  
Leave the loading door ajar after washing so that the laundry drum can dry out and the machine is ventilated.

**Descaling**

If detergent is correctly dosed, descaling of your machine is scarcely necessary. If you need to descale your machine, you should use only branded descaling agents with corrosion protection for washing machines. Our service centre stocks suitable agents.

**Panels and  
controls**

The control panel with its controls should be cleaned if necessary only with lukewarm water.



## Troubleshooting

Please check whether you can solve the smaller problems by means of the following advice. If the advice does not help, please contact the Customer Service Department.

### ■ Machine does not operate at all.

- is the electrical supply connected?
- are the fuses in order?
- has the START/PAUSE button been pressed?
- is the door properly closed?

### ■ The door will not open.

- is the electrical supply connected?
- is the appliance switched on?  
has a wash programme with rinse-hold been selected? If yes, pump out or spin to complete the wash cycle.

### ■ Water not visible in porthole when machine is in use.

- this is normal. This machine is designed to operate with low water usage. This does not compromise the wash and rinse results.

### ■ Water runs from beneath the washing machine.

- is the inlet hose connection watertight? Tighten inlet hose.
- is the jubilee clip on the drain hose tight enough to prevent leakage? Tighten hose clip.
- is the drain hose damaged? Replace drain hose.
- has the drain pump cover been closed correctly? See section "Cleaning the Pump".

### ■ Multidisplay shows [ F ! ] and the START/PAUSE light and the fourth from top spin speed light are flashing. Programme stops. This indicates that the water supply has been blocked.

- is the water tap open?
- is the mesh in the inlet hose blocked? If necessary, clean the mesh. To cancel the display message and restart the programme once water supply is restored, press START/PAUSE button. The fault message is cancelled, the programme continues. If the fault re-occurs, close water supply and unplug the appliance. Contact Customer Service Department for advice.

## Problem

Machine does not operate

Door

Water not visible

Water beneath washing machine

F !



■ **Multidisplay shows { F 2 } and the START/PAUSE light and the third from top spin speed light are flashing. Programme stops. This indicates that the water outlet has been blocked.**

- is the pump blocked? Remove any debris that is causing the blockage. (See section "Cleaning the Pump".)
- is the outlet syphon blocked? Clean if necessary.
- is the drain hose kinked? Check its position.
- has the recommended drain pump head of 1 metre height been exceeded? If so, contact Customer Service Department for advice.  
To cancel the display message and restart the programme once blockage has been cleared, press START/PAUSE button. The fault message is cancelled, the programme continues.  
If the fault re-occurs, close water supply and unplug the appliance. Contact Customer Service Department for advice.

Pump Out –  
OVERDOSING

■ **The water has not been completely pumped out. The light OVER-DOSING illuminates.**

- water outlet has been blocked (see { F 2 } above).

Machine  
vibrates

■ **The machine vibrates and moves whilst in use.**

- with a very small load, e.g. only one bathrobe, the machine may become unbalanced. Its function is not affected.
- are the feet correctly adjusted to ensure that the machine is level and steady? See "Installation and connection instructions".
- has the transit bar been removed? Please refer to Installation and Connection leaflet.
- vibration and movement can indicate that there is a problem with water drainage (see { F 2 } above).

Water in drum at  
end of spin  
sequence

■ **The laundry is insufficiently spun, there is still water visible in the drum.**

- the water drainage is blocked (see { F 2 } above).

Delay before  
start of spin  
sequence

■ **There is a delay before the spin sequence starts.**

- the Out-of-Balance Sensor has recognised that the load is unevenly balanced. No action need be taken.  
The laundry is automatically loosened and re-distributed by the tumbling action of the drum until the load has been correctly balanced. This may happen several times until the imbalance has corrected itself. The spin sequence will then re-start.

Spin speed  
fluctuates

■ **The spin speed fluctuates and is uneven.**

- the Foam Sensor has recognised an excess of foam in the drum. The spin speed is temporarily reduced until the foam build-up has been brought under control. The full spin sequence will then be resumed. Check the detergent dosage for future washes.

■ **The machine makes an unusual noise.**

- compared to old washing machines, the modern motor and drive system in this machine may, at certain points of the programme, make a noise quite different to that which you may be used to. This is normal.

■ **Excessive foaming during the main wash.**

- have you used too much detergent? Check manufacturer's dosing instructions.
- have you used the correct detergent for automatic washing machines?

■ **Foam-like substance visible in porthole after rinsing.**

- this is not the foam created by the detergent, but is caused by the agitation of the rinse water and is not detrimental to the rinse result.

■ **Laundry has not turned out as well as usual.**

- has the correct amount of detergent been used? Underdosage leads to greying of the laundry and scaling in the machine. Overdosage causes frothing, reduced wash performance and poor rinse results. Ensure more accurate dosage.
- have you used the correct type of detergent?
- have you pre-treated stains etc?
- has the correct programme and temperature been selected for the level of soilage?

■ **Grey spots/flecks on the finished laundry ("greaseballs")**

- was the laundry soiled by ointments, fats, oils or body grease? Insufficient detergent has been used to dissolve the grease. Use more detergent.


■ **Laundry has white detergent spots after washing.**

- These are mostly undissolved parts of modern detergents, and not due to an unsatisfactory rinsing process. Brush out these spots and/or turn laundry inside out for washing.

■ **Undissolved conditioner has deposited itself on the laundry.**

- if concentrated fabric conditioner was used check that correct dilution instructions were followed
- wash out as soon as possible.

■ **The conditioner was not dispensed or the dispenser tray compartment  is filled with water.**

- has the CONDITIONER been pressed?
- is the syphon in the  compartment clogged, or is it not correctly inserted? (See section "Maintenance and Care")
- was the dispenser drawer pulled out or not completely closed during the wash?

■ **The bleach was not dispensed.**

- has the STAINS button been pressed?

Noise

Excessive foaming

Foam-like substance during rinse sequence

Unsatisfactory wash results

Grey spots on laundry

Detergent marks on laundry after wash

Conditioner mark on laundry at end of wash

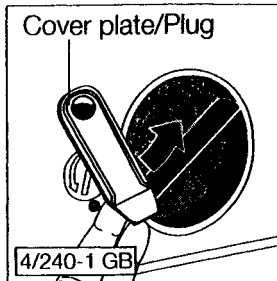
Conditioner still in dispenser at end of wash

Bleach compartment

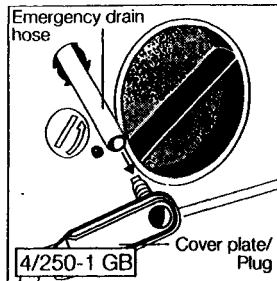
## Emergency draining

The water coming out of the emergency drain hose may be very hot. **Danger of scalding! Leave the water to cool in the machine before proceeding.**

- prepare a shallow container to drain the water into.
- lift the cover plate slightly towards yourself and twist in anticlockwise direction until the stop.



- pull out emergency drain hose and remove cover plate.



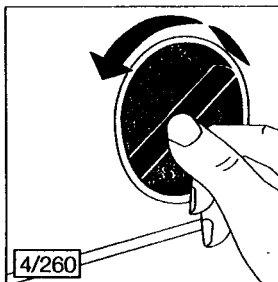
- allow the water to run out. According to the remaining quantity, it may be necessary to empty the container several times.
- replace the cover plate firmly into the emergency drain hose.
- feed the drain hose with the cover plate completely back and turn quarter of a turn in a clockwise direction until it locks.

### Important!

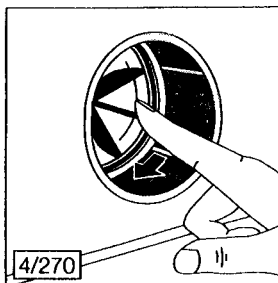
After completing emergency draining and before using the machine again, please pour approximately one litre of water into the detergent dispenser in order for the ECO-lock to operate again.

**Before cleaning the drain pump, disconnect the electrical supply.**

- Drain water out of machine (see section "Emergency draining")
- Place a towel or large cloth in front of the drain pump as residue of water may still run out.
- Unscrew drain pump cover in an anticlockwise direction and remove, together with the insert.



- Remove any foreign bodies that may have collected in the pump housing. Always also check by hand that the pump impeller spins freely – if it does not, contact the Customer Service Department.



- Replace the cover and close by turning it clockwise. Make sure that it is tightly closed otherwise water will leak from the pump.

**Cleaning the Drain Pump**

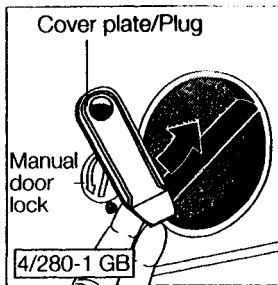
**Power failure**

In the event of power failure all wash programme data and programme options are automatically memorised. After power has been restored the machine will then continue where it has stopped.

**Power failure  
– opening  
the door**

During a power failure the door cannot be opened using the DOOR button. In this case the door can be opened by turning the manual door lock.

- Drain water out of the appliance (See section "Emergency draining")
- Place a screw driver or small coin into the slot of the lock and turn anticlockwise, until the door springs open.



**PLEASE NOTE: It is in your own interest to try to solve any problem yourself using the above advice as if an engineer's visit is made there will be a charge, even during the guarantee period.**

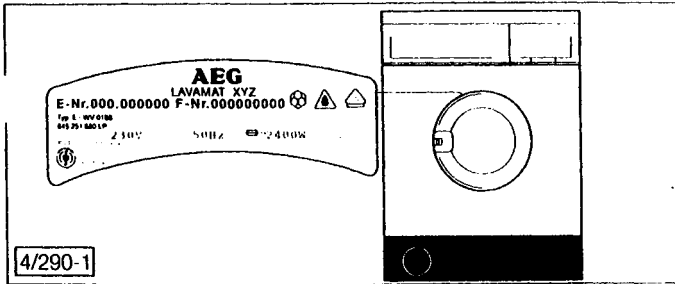
# Customer Service

This instruction booklet contains everything you need to know in order to operate, maintain and care for your washing machine.

The section "Troubleshooting" allows you to overcome minor operating problems. Should you need to contact the Customer Service Department, please quote the product number.

(E Number) and manufacturing number (F Number) which can be found on the rating plate in the door area.

This will enable the Service Department to make precise identification of any spare part so that your washing machine can be repaired on the engineer's first visit. You will thus save yourself additional costs.



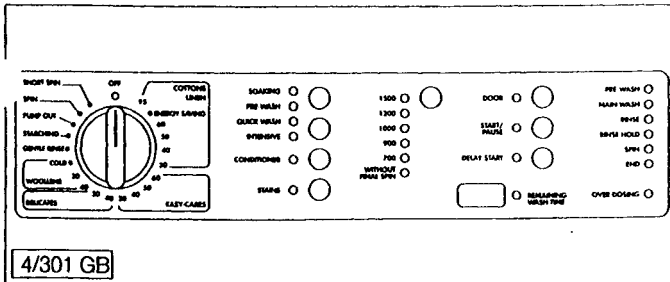
To keep these numbers handy, we recommend that you enter them here:

E-No. .... F-No. ....

The Sensorlogic system is able to diagnose faults in the operation of the machine. Fault messages  $F_1$  appear in the multidisplay. If the message is  $F_1$  or  $F_2$ , please refer to the section "Troubleshooting". For any other fault messages, you will need to contact Customer Service Department.

Please note down the fault message and any other illuminated displays on the control panel. To assist in this, please use the diagram below. This information should be reported to the Customer Service Department in order to identify the fault.

## Fault Messages



You should also advise them of the E Number and F Number so that any necessary spare parts so that your washing machine can be repaired on the engineer's first visit.

## Technical Data

### Dimensions:

with worktop -

height 85.0 cm

width 60.0 cm

depth 60.0 cm

without worktop -

height 82.0 cm

width 59.5 cm

depth 57.0 cm

### Connection:

Information relating to electrical connection is given on the rating plate and in the separate installation leaflet supplied with the machine.

Please ensure that the voltage and current indicated on the rating plate complies with the voltage and current of your electricity supply, i.e. 230 volts, AC.

### Drum Speed:

Washing - 55 rpm maximum

Spinning - see rating plate

### Water Pressure:

1-10 bar (= 10-100 N/cm<sup>2</sup> = 0.1-1.0 MPa) cold water supply.

### Weight empty:

Approximately 85 kg.

This appliance meets the radio/TV suppression requirements of EN 55014/ DIN VDE 0875 Part 1, Directives 82/499 EC, 87/308 EC, and EN 55011, DIN VDE 0871 Part 1, as well as the standard for reciprocal effect on electricity mains EN 60 555 Parts 1-3/VDE 0838 Parts 1-3 of June 1987.

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