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# LAVAMAT 800 HC

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Instructions

**AEG**

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# TECHNICAL DATA

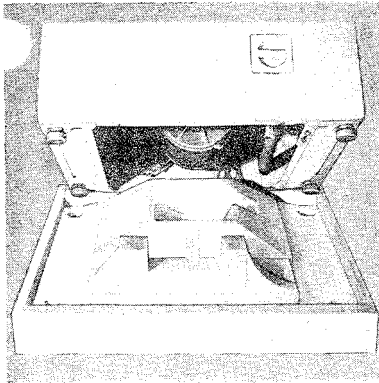
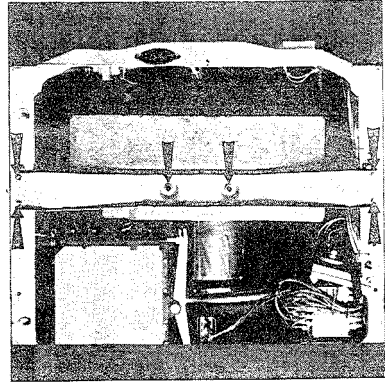
Width . . . . .	23.6 ins (600 mm)
Overall depth (excluding hose) . . . . .	22.0 ins (560 mm)
Height . . . . .	33.5 ins (850 mm)
Weight . . . . .	178.5 lbs (80 kg)
Dry clothes capacity . . . . .	9 lbs (4,5 kg)
(excluding syn- thetic fabrics and wool)	
Heater rating . . . . .	2500 W
Motor rating during washing . . . . .	430 W
Motor rating during spinning . . . . .	450–650 W
Water load: normal level . . . . .	3.1 gals (14 l)
Water load: high level . . . . .	4.4 gals (20 l)
Minimum water pressure (cold) . . . . .	15 p.s.i. – 105 kN/m <sup>2</sup>
Maximum water pressure (cold) . . . . .	110 p.s.i. – 758 kN/m <sup>2</sup>
Minimum water pressure (hot) . . . . .	4 p.s.i. – 27 kN/m <sup>2</sup>
Supply voltage . . . . .	240 V

# INSTALLATION

## Unpacking

Remove the cardboard packing, reinforcing angle pieces and polythene wrapping and proceed as follows:

- 1) Tilt the machine and remove base packing (fig. 1).
- 2) Remove back panel and bracket securing motor to back of the appliance (fig. 2).



- 3) Remove the screws securing the top of the machine and lift it off.
- 4) Remove the screws and nuts which fix the transit bar (fig. 3) to the cabinet.
- 5) Replace top and back panel.

## Levelling

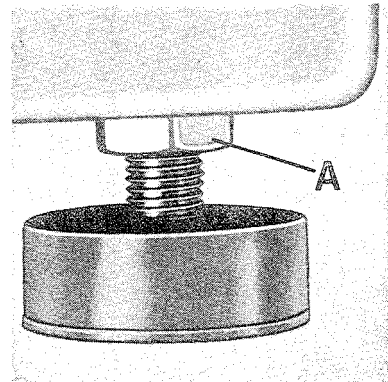
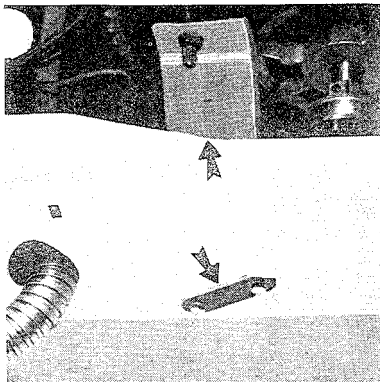
Move the washing machine to its permanent operating position and carefully level it by adjusting the feet, locking them in position with the lock nut (A— Fig. 4).

It is important that special care is taken in the levelling of the appliance in order to avoid any vibration or movement during operation.

When positioning the machine, a small space must be allowed all round, so that it cannot touch the walls or adjacent furniture while it is operating.

## Water connection

The machine may either be plumbed in or connected to existing taps. Details are given over.

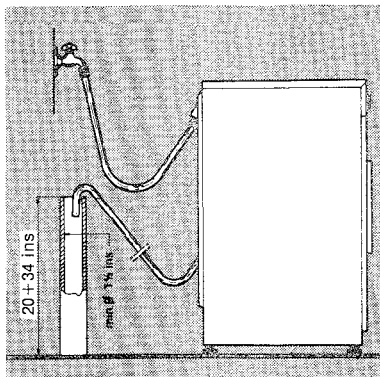


### Water supply

Separate supplies of hot and cold water are necessary. Single outlet gas or electric heaters are not suitable.

### Water outlet

The machine pumps out water at about 5.5 gallons per minute. Any sink, drain or waste outlet used must therefore be capable of accepting this amount. The curved end of the outlet hose should be hooked over the edge of a sink or placed in a drain pipe, the top being between 20 and 34 inches above the floor (fig. 5).



The water should be able to drain freely, and the end of the outlet hose must not be under water. If a drain pipe is used, it must have an internal diameter of at least 1.5". Be sure that the drain hose is not kinked or placed in such a way as to obstruct the flow of water.

If an extension drain hose is required, its inner diameter must be the same as the original drain hose of the washer; its length must not exceed 52 ins. and the drain must be no higher than 31 ins. above the floor.

When a plumbed installation is used the recommendations mentioned below should be followed.

It is important that an air break is inserted in the waste pipe in order to avoid water syphoning from the machine during draining. The air break should be at least 18 ins. above the floor level. In the majority of installations the easiest way of achieving

this is to use a drain pipe of 1.5 inches internal diameter into the top of which the curved end of the drain hose can be placed.

The pipe should be fixed in such a way that the top is 23 inches above floor level, so that when the drain hose is inserted into it, the end of the hose will be at least 18 inches above the floor.

The gap between the rubber drain hose and the internal diameter of the drain pipe provides the air break necessary to avoid syphoning. The lower end of the pipe can then be led away to a drain (see fig. 5).

The drainage pipe of this machine must connect to the foul or combined drain from the premises, but NOT to surface wa' drain.

Information as to the type of drain servicing your premises can be obtained from the builder or Local Authority.

### Plumbed installation

It is important that work is carried out by a qualified plumber.

### Use from existing taps

- 1) Mixer taps are unsuitable and must not be used.
- 2) Connect the red hose to the hot tap and the grey hose to the cold tap (see note below).

### Important

- If the rate of flow on the cold water valve is too slow, remove the flow control device of the valve;
- If the pressure on the hot tap exceeds approximately 10 lb. per square inch, it will be necessary to fit the flow control device, which is supplied with the washing machine, in the hot water valve.

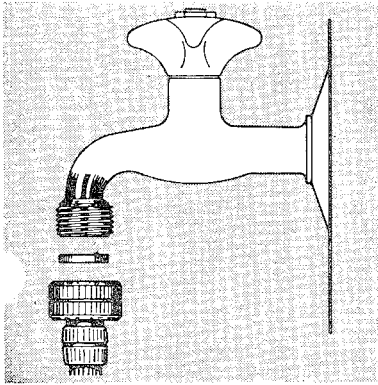
### Tap connections

For taps with a 3/4 inch gas thread, fit the washers to the inlet hoses and connect as shown (fig. 6).

If the water supply is from new pipes or from pipes which have not been used for a

long time, it is advisable to run off a certain amount of water before connecting the machine.

This will avoid foreign matter blocking the filters.



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## ELECTRICAL CONNECTION

**WARNING: This appliance must be earthed**

Connection to the electrical supply should be made by a 3 pin 13 amp or 3 pin 15 amp plug. If a BS 1363 3 pin 13 amp fused plug and socket is used the plug should be fitted with a 13 amp fuse. If a 15 amp plug and socket is used, this should be protected by a 15 amp fuse, either in the plug or at the distribution board fuse box.

The manufacturer declines to accept any liability should this safety measure not be observed.

### Important

The wires in this main lead are coloured in accordance with the following code:

**GREEN AND YELLOW – EARTH**

**BLUE – NEUTRAL**

**BROWN – LIVE**

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

The wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol  $\oplus$  or coloured green or green and yellow. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red. The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

## OPERATING INSTRUCTIONS

### Preliminary check

Carry out the following checks before using the machine :

- is the plug in the socket and is the power switched on ?
- are the water inlet hoses connected to the taps and the taps turned on ?
- has the drain hose been placed over the edge of a sink or in a drain ?
- is the machine door properly closed ?

### Starting and stopping

To start the machine, select the programme required by turning the timer control knob to the required number and pull out the control knob. It should be noted that this knob freewheels in the “on” position, therefore the programme selection cannot be changed without switching the machine off.

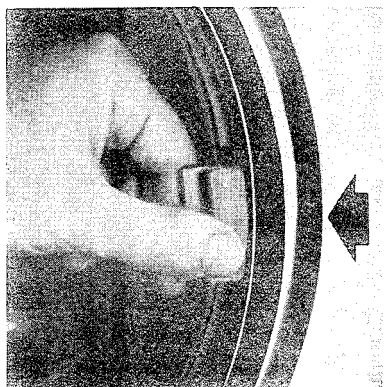
Once the machine is started, it will automatically carry out all operations up to the end of the programme chosen and will automatically stop. To switch the machine off or stop the machine in the course of a programme, push in the timer.

When the machine is switched on, the signal lamp is illuminated and remains alight until machine is manually switched off.

As a safety feature the door is automatically locked during the washing cycle and remains locked for a further 60–70 seconds after the machine finishes the programme or is switched off. This does not apply however during the water filling stage. As an additional safety feature, the door is also

fitted with a double action catch. Operation of this catch is very simple provided that the outside section is first slid inwards and then, without releasing, the complete catch is pulled outwards (fig. 7).

It should be noted that at the end of the washing programme a small amount of water collects in the folds of the door gasket: this is normal and care should be taken to avoid dripping when opening the door.



### Selection of washing programme

The washing machine carries out 10 washing programmes and 6 additional programmes. Each programme has been specially designed for a specific type of fabric (e.g. cotton, synthetic fibres, wool etc.) and incorporates the H.L.C.C. care labelling scheme.

The appropriate programme must therefore be chosen according to the type of fabric to be washed.

Please note that the chart detailing the wash cycles that your machine will carry out is to be found on the front of the soap dispenser.

### FILLING WITH WASHING POWDER

The washing powder dispenser is located on the front left of the control panel. It is very important to use a low sudsing powder (see paragraph "Which powder") such as Persil Automatic.

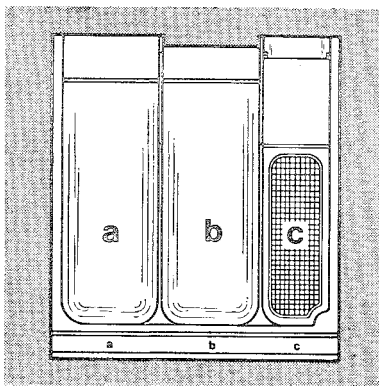
Pull out the dispenser and add washing powder. The amount of washing powder for the pre-wash (2-3 ozs) should be put into section "A" of the dispenser and the powder for the main wash (3-4 ozs) should be put

into section "B". Once the dispenser is filled, close by pushing in.

To select the correct washing powder dispenser compartment, follow the instructions on the front of the soap dispenser, according to the programme selected.

### Use of additives

The washing machine is designed to carry out special treatments such as the addition of fabric conditioners automatically at the end of some washing programmes. The liquids to be used should be put into compartment c (fig. 8) of the dispenser at the beginning of the programme and will be automatically used by the machine at the appropriate time. Take care to use the correct amount of additive, following the manufacturer's instructions.



### Which powder ?

Do not use ordinary powders like Ariel, Radiant, Daz etc. in your new AEG LAVAMAT 800 HC. The reason for this is very simple, these powders produce so much lather that clothes are prevented from tumbling freely and cannot get properly clean.

Do use the right powder. To get the best results from the LAVAMAT 800 HC we recommend Persil Automatic. Like all modern automatic machines the LAVAMAT 800 HC works at peak efficiency with a low lather product.

Persil Automatic's balanced lather is specially designed to complement the cleaning action of these machines. So use it regularly for trouble free washing and superb results.

Do use enough powder. To get your clothes really clean it is essential that enough powder is used in the machine. The correct amount will depend on a number of things : the hardness of water, the size of the load,

and the amount of soiling present. As a guide we suggest you follow the table below and adjust the amounts in light of your personal experience. You may find it helps to use a measuring cup at first.

	Pre-wash	Main wash	Total	Not using the pre-wash
Hard water Full load or heavy soiling	Approx.	Approx.	Approx.	Approx.
	1 cup	1½ cups	2½ cups	1½ cups
Small load or light soiling	¾ cup	1-1½ cups	1½-2 cups	¾-1 cup
	<hr/>			
Soft water Full load or heavy soiling	¾ cup	¾ cup	1½ cups	1-1½ cups
	½ cup	½ cup	1 cup	¾ cup

## WASHING PROGRAMMES

### COTTON – LINEN

#### 1 Extra Prewash

Pre-wash : fills to a high water level and heats to approximately 40 °C with a vigorous tumbling action.

This is followed by a soaking cycle, the duration of which is at the users' option.

Put the powder required for pre-wash into compartment "a". At the end of the soaking cycle, prior to selecting the required wash cycle, drain all water by turning the control knob to No. 15 or 16.

#### Whites – Heavy Soil

(1. HLCC white cotton, and linen articles without special finishes).

Pre-wash : fills to low water level and heats to approximately 40 °C with a vigorous tumbling action.

Main-wash: fills to low water level and heats to approximately 90 °C with gentle tumbling action.

4 rinses at high water level followed by a 5 minute spin.

Put the powder required for prewash into compartment "a" and for the main wash into compartment "b".

If required, pour the additive into compartment "c", taking care not to fill above the level of the filter incorporated in this compartment.

#### 3 White Normal

(1. HLCC white cotton, and linen articles without special finishes).

Main wash : fills to low water level and heats to approximately 90 °C with gentle tumbling action.

4 rinses at high water level followed by a 5 minute spin.

Put the powder required for the wash into compartment "b".

If required, pour the additive into compartment "c", taking care not to fill above the level of the filter incorporated in this compartment.

#### 4 Fast Coloureds – Heavy Soil

(2 HLCC cotton, linen or rayon articles without special finishes where colours are fast at 60°).


Pre-wash : fills to low water level and heats to approximately 40 °C with a vigorous tumbling action.

Main-wash : fills to low water level and heats to approximately 60 °C with gentle tumbling action.

4 rinses at high water level followed by a 5 minute spin.

Put the powder required for pre-wash into compartment "a" and for the main wash into compartment "b".

If required pour the additive into compartment "c", taking care not to fill above the level of the filter incorporated in this compartment.

**5 Fast Coloureds** 

(2 HLCC cotton, linen or rayon articles without special finishes where colours are fast at 60 °C).

Main wash : fills to low water level and heats to approximately 60 °C with gentle tumbling action.

4 rinses at high water level followed by a 5 minute spin.

Put the powder required for the wash into compartment "b".

If required, pour the additive into compartment "c", taking care not to fill above the level of the filter incorporated in this compartment.

**6 Non-fast Coloureds** 

(5 HLCC cotton, linen or rayon articles where colours are fast at 40 °C but not at 60 °C).

Main wash : fills to low water level and heats to approximately 40 °C with gentle tumbling action.

4 rinses at high water level followed by a 5 minute spin.

Put the powder required for the wash into compartment "b".

If required, pour the additive into compartment "c", taking care not to fill above the level of the filter incorporated in this compartment.

**7 Soft rinse/Spin**

Rinse with cold water at high water level followed by a 5 minute spin.


Pour the additive into compartment "c", taking care not to fill above the level of the filter incorporated in this compartment.

**8 Spin**

(1, 2, 5 and 7 HLCC). 5 minute spin.

**SYNTHETICS – WOOL – DELICATES**

**Note :** There is no water draining in the last rinse of the gentle action wash cycles to prevent the clothes from creasing if they are left in the machine at the end of the wash cycle. To complete the cycle, turn the timer knob centering it on the cycle No. 15 (Short Spin) or No. 16 (Drain).

**9 White nylon – Heavy Soil** 

(3 HLCC white nylon)


Prewash : fills to high water level and heats to approximately 40 °C with gentle tumbling action.

Main wash : fills to high water level and heats to approximately 60 °C with gentle tumbling action.

3 rinses at high water level.

Put the powder required for prewash into compartment "a" and for the main wash into compartment "b".

If required, pour the additive into compartment "c", taking care not to fill above the level of the filter incorporated in this compartment.

**10 White Nylon** 


(3 HLCC white nylon)

Main wash : fills to high water level and heats to approximately 60 °C with gentle tumbling action.

3 rinses at high water level.

Put the powder required for the wash into compartment "b".

If required, pour the additive into compartment "c", taking care not to fill above the level of the filter incorporated in this compartment.

**11 Minimum Iron** 

(4 HLCC coloured nylon, polyester, cotton and rayon articles with special finishes. Acrylic cotton mixtures coloured polyester/cotton mixtures).

Main wash : fills to high water level and heats to approximately 48 °C with gentle tumbling action.

3 rinses at high water level.

Put the powder required for the wash into compartment "b".



If required, pour the additive into compartment "c", taking care not to fill above the level of the filter incorporated in this compartment.

#### 12 Delicates



(6 HLCC acrylics, acetate and triacetate, including mixtures with wool ; polyester/wool blends).

Main wash : fills to high water level and heats to approximately 40 °C with gentle tumbling action.

3 rinses at high water level.

Put the powder required for the wash into compartment "b".

If required, pour the additive into compartment "c", taking care not to fill above the level of the filter incorporated in this compartment.

#### 13 Woolens



(7 HLCC machine-washable wool, including blankets and wool mixtures with cotton or rayon : silk).

Special cycle for machine washable garments bearing the Woolmark Label "Pure New Wool", including blankets and wool mixtures with cotton or rayon. Silk.

Main wash : fills to high water level and heats to approximately 40 °C with gentle tumbling action.

3 rinses at high water level.

Put the powder required for the wash into compartment "b".

If required, pour the additive into compartment "c", taking care not to fill above the level of the filter incorporated in this compartment.

Do not press "Economy" button when washing wool

#### 14 Soft rinse

Rinse with cold water at high water level.

Pour the additive into compartment "c", taking care not to fill above the level of the filter incorporated in this compartment.

#### 15 Short Spin

Water draining followed by a 1 minute spin at 400 r.p.m.

#### 16 Drain

Water draining.

#### Economy Button

If you require to wash a reduced load of clothes (maximum 4 lbs), by pressing in the pushbutton marked by the letter E all water levels will be effected only up to normal level.

This ensures a substantial saving in terms of time and electric power consumption although it still gives very good washing results.

This pushbutton should not be used when washing woollens as these require a wash cycle and rinses with plenty of water.

#### Anti-crease or Super White Button

In fine wash programmes, after having reached the temperature of 60 °C in the main wash, the remaining time until the end of the wash, and during the rinsing cycles, the drum reverses with normal movement instead of a reduced one. This prevents laundry settling down in the drum where it could crease. This drum movement also ensures a thorough wash for white nylons, such as shirt collars and cuffs etc.

## CARE AND CLEANING OF THE MACHINE

**Important:** Make sure that the plug has been removed from the socket prior to undertaking any kind of maintenance.

From time to time, carry out a complete cycle without a washing load, adding 1 oz of "Calgon". This should also be done when the washer has been out of use for a long time.

- Leave the door ajar for about 2 hours after the wash to allow air to circulate freely inside the machine.
- Plated, polished and plastic parts and the glass door should be cleaned with a soft damp cloth, never with an abrasive cleaning powder.
- For the cabinet exterior use a lukewarm solution of mild soap, then rinse and dry carefully. It is also advisable to clean the cabinet, from time to time, with a wax polish applied with a soft cloth.

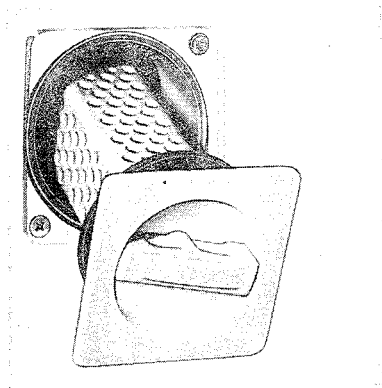
### Filter cleaning

The filter (fig. 9) is located on the front of the washer in the bottom right hand corner.

Its purpose is to collect fluff and any small objects (safety-pins, coins, etc.) inadvertently left in the laundry.

The filter should be periodically cleaned as follows :

- At the end of a washing programme place the free end of the drain hose at floor level in a basin to collect any excess water.
- Before removing the filter, place a small bowl on the floor below the filter cover to collect any water that may come out.
- Unscrew the filter knob anti-clockwise and pull the filter out (fig. 9).
- Clean filter and refit, ensuring that the filter knob is screwed tight.



### Hints for care of washing powder dispenser

We recommend that the washing powder dispenser is checked regularly to ensure that it is clean and dry. Do wipe the dispenser after each wash.

Should the dispenser require special cleaning, the drawer can be completely removed, and the interior cleared of any deposit.

The drawer can be removed from the front of the appliance by giving a sharp pull outwards. A sharp tap with the palm of the hand may be necessary when replacing the drawer.

### HELPFUL TIPS FOR WASHING

Here are some practical hints to enable you to obtain the best washing results :

- Use a low suds washing powder such as "Persil Automatic" specially made for front loading washing machines. An excessive formation of suds will cause unsatisfactory operation.
- The quantity of washing powder required depends on the amount of laundry and on how soiled it is. It may therefore be necessary to vary the quantities suggested in this book according to experience. To obtain the best results when washing wool do not wash more than 2 lbs. at a time.
- In order to get goods results when washing synthetic material use a maximum washing load of 4 lbs.
- If the water is hard it can be softened by adding special products such as "Calgon" to the washing powder in the appropriate compartment. These products facilitate the action of the washing powder and help to give better results.
- Clothes should be sorted according to fabric type, degree of soil and colour fastness.
- Tears and open seams should be mended, loose buttons secured, zippers closed and laces or belts collected in a cotton bag. Articles without a hem should not be washed. Ensure pockets are emptied and spots of rust, paint, ink etc. removed before washing.
- Always turn off water taps fully when the machine is not in use, even if it is plumbed in.
- If, after commencing a wash, you find that the wrong programme has been selected, push the control knob fully turning the indicator knob clockwise to the correct programme. Then pull control knob fully out again.
- Washing powder should only be placed in the dispenser immediately prior to the start of a programme. Do not leave washing powder in the dispenser for any length of time as it may form lumps which can be difficult to dissolve.
- It is advisable to inspect the filters in the water inlet hoses periodically and clean if necessary.



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The AEG logo is presented in a dark, textured rectangular box with a slightly irregular, torn-edge appearance on the right side. The letters 'AEG' are rendered in a bold, white, serif font, centered within the box.