

LAVAMAT PRINCESS 2252 F



User manual

Washing machine

PERFEKT IN FORM UND FUNKTION

AEG
Electrolux

Dear Customer,

Thank you for choosing one of our high-quality products.

With this appliance you will experience the perfect combination of functional design and cutting edge technology.

Convince yourself that our appliances are engineered to deliver the best performance and control - indeed we are setting the highest standards of excellence.

In addition to this you find environmental and energy saving aspects as an integral part of our products.

To ensure optimal and regular performance of your appliance please read this instruction manual carefully. It will enable you to navigate all processes perfectly and most efficiently. To refer to this manual any time you need to, we recommend you to keep it in a safe place. And please pass it to any future owner of the appliance.

We wish you much joy with your new appliance.

The following symbols are used in this manual:



Important information concerning your personal safety and information on how to avoid damaging the appliance



General information and tips



Environmental information

Contents

Instruction for the user	7
Safety information	7-9
Product description	10
Detergent dispenser drawer	10
Control panel	11
First use	11
Personalization	12
Acoustic signals	12
Child safety lock	12
Daily use	12
Load the laundry	12
Measure out the detergent and the fabric softener	13
Select the required programme	13
Select the spin speed or the Rinse Hold option	14
Programm option button	14
Select the Prewash option	15
Select the Stain option	15
Select the Time Saving option	15
Display	15
Select the Start/Pause	15
Duration of the selected programme	15
Incorrect option selection	15
Alarm codes	16
End of programme	16
Select the Start/Pause	16
Programme progress display	16
Select an additional rinse	17

Altering an option or a running programme	17
Interrupting a programme	17
Cancelling a programme	17
Opening the door after the programme has started	17
At the end of the programme	18
Washing programmes	19-20
<hr/>	
Programme information	21
<hr/>	
Preparing the wash cycle	22
<hr/>	
Sorting out the laundry	22
Temperatures	22
Before loading the laundry	22
Maximum loads	23
Laundry weights	23
Removing stains	24
Detergents and additives	25
Quantity of detergent to be used	25
Degrees of water hardness	25
International wash code symbols	26
<hr/>	
Care and cleaning	27
<hr/>	
Descaling	27
After each wash	27
Maintenance wash	27
External cleaning	27
Detergent dispenser drawer	27
Washing drum	28
Door seal	28
Drain pump	28
Water inlet filter	30
Emergency emptying out	30
Frost precautions	31

Something not working	32-34
Technical Data	35
Consumption value	36
Installation	37
Unpacking	37
Positioning and levelling	39
Water inlet	39
Water stop-device	40
Water drainage	40
Electrical connection	41
Permanent connection	41
Environment concerns	42
Packaging materials	42
Old machine	42
Ecological hints	42

Instruction for the user

Safety information

Prior to using for the first time

- The safety of AEG/ELECTROLUX appliances complies with the industry standards and with legal requirements on the safety of appliances. However, as manufacturers, we feel it is our duty to provide the following safety notes. You **MUST** read them carefully before installing or using the appliance.
- It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is supplied with the appliance in order that the new owner can get to know the functioning of the appliance and the relevant warnings.
- You **MUST** read them carefully before installing or using the appliance.
- Before first starting up, check the machine for any damage incurred during transport. Never connect up a damaged machine. If parts are damaged, contact your supplier.
- If the appliance is delivered in the winter months when there are minus temperatures: Store the washing machine at room temperature for 24 hours before using for the first time.

General safety

- It is dangerous to alter the specifications or attempt to modify this product in any way.
- During high temperature wash programmes the door glass may get hot. Do not touch it!
- Make sure that small pets do not climb into the drum. To avoid this, please check into the drum before using.
- Any objects such as coins, safety pins, nails, screws, stones or any other hard, sharp material can cause extensive damage and must not be placed into the machine.
- Only use the advised quantities of fabric softener and detergent. Damage to the fabric can ensue if you over-fill. Refer to the manufacturer's recommendations of quantities.

- Wash small items such as socks, laces, washable belts etc in a washing bag or pillow case as it is possible for such items to slip down between the tub and the inner drum.
- Do not use your washing machine to wash articles with whalebones, material without hems or torn material.
- Always unplug the appliance and turn off the water supply after use, clean and maintenance.
- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact your local Service Centre. Always insist on genuine spare parts.

Installation

- When unpacking the appliance, check that it is not damaged. If in doubt, do not use it and contact the Service Centre.
- All packing and transit bolts must be removed before use. Serious damage can occur to the product and to property if this is not adhered to. See relevant section in the user manual.
- After having installed the appliance, check that it is not pressing or standing on its electrical supply cable, inlet hose and drain hose.
- If the machine is situated on a carpeted floor, please adjust the feet in order to allow air to circulate freely
- Always be sure, that there is no water leakage from hoses and their connections after the installation.
- If the appliance is installed in a location subject to frost, please read the **«dangers of freezing»** chapter.
- Any plumbing work required to install this appliance should be carried out by a qualified plumber or competent person.
- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

Use

- This appliance is designed for domestic use. It must not be used for purposes other than those for which it was designed.
- Only wash fabrics which are designed to be machine washed. Follow the instructions on each garment label.
- Do not overload the appliance. See the relevant section in the user manual.

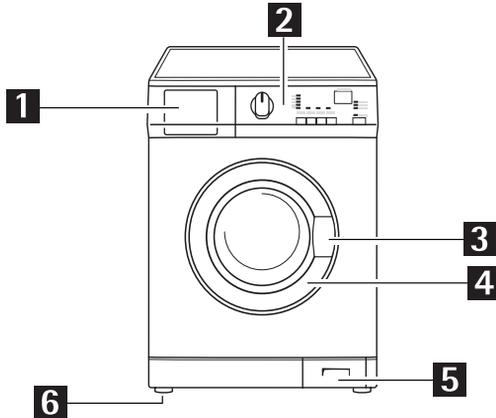
- Before washing, ensure that all pockets are empty and buttons and zips are fastened. Avoid washing frayed or torn articles and treat stains such as paint, ink, rust, and grass before washing. Underwired bras must NOT be machine washed.
- Garments which have been in contact with volatile petroleum products should not be machine washed. If volatile cleaning fluids are used, care should be taken to ensure that the fluid is removed from the garment before placing in the machine.
- Never pull the power supply cable to remove the plug from the socket; always take hold of the plug itself.
- Never use the washing machine if the power supply cable, the control panel, the working surface or the base are damaged so that the inside of the washing machine is accessible.

Child Safety

- This appliance is not intended for use by person (including children) with reduced physical sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Young children should be supervised to ensure that they do not play with the appliance.
- The packaging components (e.g. plastic film, polystyrene) can be dangerous to children - danger of suffocation! Keep them out of children's reach.
- Keep all detergents in a safe place out of children's reach.
- Make sure that children or pets do not climb into the drum. To avoid this the machine incorporates special feature. To activate this device, rotate the button (without pressing it) inside the door clockwise until the groove is horizontal. If necessary use a coin. To disable this device and restore the possibility of closing the door, rotate the button anti-clockwise until the groove is vertical.

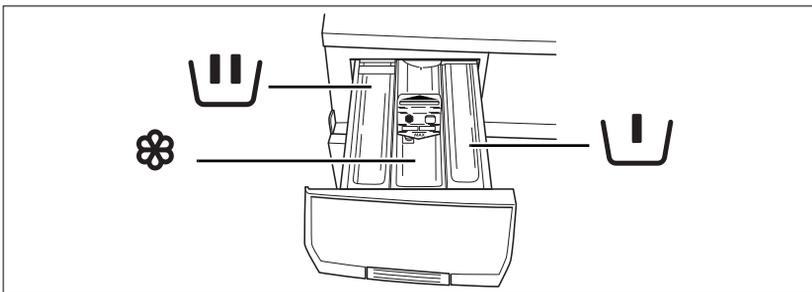
Product description

Your new appliance meets all modern requirements for effective treatment of laundry with low water, energy and detergent consumption. The **ECO valve** system allows total use of detergent and reduces water consumption so saving energy.



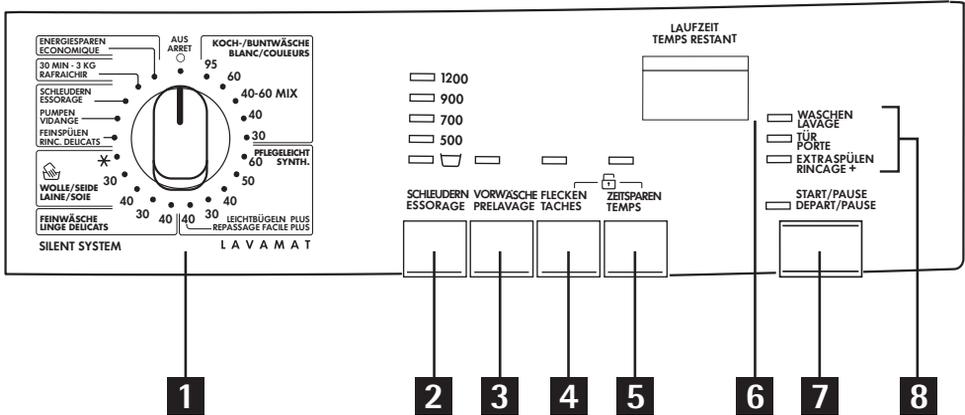
- | | | | |
|----------|----------------------------|----------|-----------------|
| 1 | Detergent dispenser drawer | 4 | Rating plate |
| 2 | Control panel | 5 | Drain pump |
| 3 | Door opening handle | 6 | Adjustable feet |

Detergent dispenser drawer



-  Compartment for prewash phase or stain remover used for **prewash**. The prewash detergent is added at the beginning of the wash programme. The stain remover is added during the **STAIN-Action phase** in the main wash.
-  Compartment for powder or liquid detergent used for **main wash**.
-  Compartment for **liquid additives** (fabric softener, starch).

Control panel



- | | |
|---|--|
| <p>1 Programme selector dial</p> <p>2 Spin reduction button
(Schleudern-Essorage)</p> <p>3 «Prewash» button
(Vorwäsche-Pré lavage)</p> <p>4 «Stain» button
(Flecken-Taches)</p> <p>5 «Time Saving» button
(Zeitsparen-Temps)</p> | <p>6 Display
(Laufzeit-Temps restant)</p> <p>7 «Start/Pause» button
(Start/Pause-Départ/Pause)</p> <p>8 Programme progress display:
Wash (Waschen/Lavage)
Door (Tür/Porte)
Extra rinse (Extraspülen/Rinçage+)</p> |
|---|--|

i Henceforth, the programme selector dial, the different buttons and the programme progress display will be indicated in all the book with the relevant numbers given in the table above.

First Use

- i** Ensure that the electrical and water connections comply with the installation instructions.
- i** Remove the polystyrene block and any material from the drum.
- i** Pour 2 litres of water into the main wash compartment (III) of the detergent drawer in order to activate the ECO valve. Then run a cotton cycle at 95°C, without any laundry in the machine, to remove any manufacturing residue from the drum and tub. Pour 1/2 a measure of detergent into the dispenser drawer and start the machine.

Personalization

Acoustic signals

The machine is provided of an acoustic device, which sounds in the following cases:

- at the end of the cycle
- in the event of operating problems

By pressing the **3** and **4** buttons simultaneously for about 6 seconds, the acoustic signal is deactivated. By pressing these 2 buttons again, the acoustic signal is reactivated.

Child safety lock

This device permits you to leave the appliance unsupervised without having the worry that children might be injured by or cause damage to the appliance.

This function remains able also when the washing machine is not working.

There are two different ways to set this option:

- before pressing button **7**: it will be impossible to start the machine.
- after pressing button **7** it will be impossible to change any other programme or option.

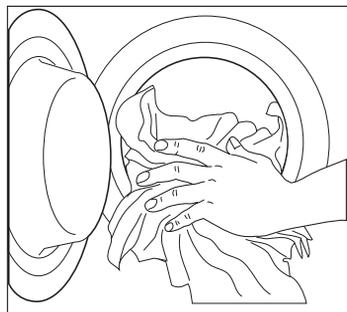
To enable (disable) this option press simultaneously for about 6 seconds **4** and **5** buttons until the icon  appears (disappears) on (from) the display.

Daily Use

Load the laundry

1. Open the door by carefully pulling the door handle outwards. Place the laundry in the drum, one item at a time, shaking them out as much as possible.
2. Close firmly the door. You must hear a click during closing.

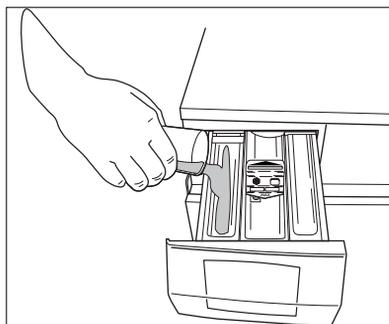
Attention! Do not embed the laundry between the door and the rubber joint.



Measure out the detergent and the fabric softener

Your new appliance was designed to reduce water, energy and detergent consumption.

1. Pull out the dispenser drawer until it stops. Measure out the amount of detergent required, pour it into the main wash compartment  and, if you wish to carry out the **prewash** phase or to perform the **stain** function, pour the detergent or the stain remover into the compartment marked .
2. If required, pour fabric softener into the compartment marked  (the amount used must not exceed the **MAX** mark in the drawer). Close the drawer gently.



Select the required programme

You can choose the right programme for any type of laundry following the descriptions on the washing programme tables (see Washing Programmes).

Turn the programme selector dial to the required programme. The programme selector determines the type of washing cycle (e.g. water level, drum movement, number of rinses) and the washing temperature according to the type of laundry.

 = Cold wash.

The light of button **7** starts to flash and the display shows the duration of the selected programme.

The selector dial can be turned either clockwise or anticlockwise. Position **«O» (Aus Arrêt)** to Reset programme/ Switching OFF of the machine.

At the end of the programme the selector dial must be turned to position «O» (Aus Arrêt), to switch the machine off.

Attention!

If you turn the programme selector dial to another programme when the machine is working, the yellow pilot light of button **7** will flash 3 times to indicate a wrong selection. The machine will not perform the new selected programme.

Select the spin speed or the rinse hold option

Press button **2** repeatedly to change the spin speed, if you want your laundry to be spun at a speed different from the one proposed by the washing machine.

The relevant light will light up.

The maximum spin speed for cotton programmes is: 1200 rpm

For the maximum speed allowed for each programme, please refer to the chapter «**Washing Programmes**».

Rinse Hold : by selecting this option the water of the last rinse is not emptied out to prevent the fabrics from creasing. When the programme has finished the display shows a  flashing, the pilot light **Door** goes on, the Start/Pause light is off and the door is blocked to indicate that the water must be emptied out.

To empty the water out:

- turn the programme selector dial to **0**
- select the **Drain** or **Spin** programme
- reduce the spin speed if needed, by means of the relevant button
- depress button **7**
- when the programme has finished the display shows a  flashing. The pilot light **Door** goes off and the door can be opened.

Programme option button

Depending on the programme, different functions can be combined. These must be selected after choosing the desired programme and before depressing button **7**.

When these buttons are pressed, the corresponding pilot lights come on. When they are pressed again, the pilot lights go out.

If an incorrect option is selected, the integrated yellow pilot light of button **7** flashes for 3 times and the **Err** message appears on the display for some seconds.

Important!

For the compatibility among the washing programmes and the options see chapter **Washing Programmes**.

Select the Prewash option

Select this option if you wish your laundry to be prewashed at 30°C before the main wash. The prewash ends with a short spin in programmes for cotton and synthetic fabrics, whereas in the programmes for delicate fabrics the water is only drained.

The relevant light will light up.

Select the Stain option

Select this option to treat heavily soiled or stained laundry with stain remover (extended main wash with time optimised stain action phase). The relevant light will light up. This option **is not** available with a temperature lower than 40°C.

Attention! If you wish to perform a programme with the stain option, pour stain remover into compartment .

Select the Time Saving option

This option allows you to modify the washing time, automatically proposed by the washing machine.

Daily: By pressing button **5 once**, the corresponding pilot light illuminates and the washing duration will be reduced to wash daily soiled laundry.

On the display will be visualized the decreased washing time.

Super Quick: By pressing this button **twice**, the relative pilot light remains lit, the washing duration will be reduced to wash lightly soiled laundry or items that have been used or worn for a short time. On the display will be visualized the decreased washing time. (In this case, reduce the maximum load sizes)

Display

The display shows the following information:

Duration of the selected programme

After selecting a programme, the duration is displayed in hours and minutes (for example **2.05**). The duration is calculated automatically on the basis of the maximum recommended load for each type of fabric.

After the programme has started, the time remaining is updated every minute.

Incorrect option selection

If an option which is not compatible with the set wash programme is selected, the message **Err** is displayed for about 2 seconds and the yellow light of button **7** starts flashing.

Alarm codes

In the event of operating problems, some alarm codes can be displayed, for example **E20** (see paragraph «Something not working»).

End of programme

When the programme has finished a flashing zero is displayed, the **Door** pilot light and the light of button **7** go out and the door can be opened.

Select the Start/Pause

To start the selected programme, press button **7**; the corresponding red pilot light stops flashing.

The washing pilot light **wash** is on to indicate that the appliance starts operating.

The door pilot light **door** is on to indicate the door is locked.

To interrupt a programme which is running, depress button **7**: the corresponding red pilot light starts to flash.

To restart the programme from the point at which it was interrupted, **press** the button **7** **again**.

If an incorrect option is selected, the integrated yellow pilot light of the button **7** flashes for 3 times the message **Err** is displayed for about 2 seconds.

Programme progress display

After having pressed button **7**, the **wash** pilot lights illuminates.

When the pilot light **wash** illuminates this means that the machine is performing the washing cycle.

The **door** pilot light indicates if the door can be opened:

- light on: the door cannot be opened. The appliance is running.
- light off: the door can be opened. The washing programme is finished.

When the appliance is performing additional rinses the **Extra Rinse** pilot light comes on.

Select an additional rinse

This appliance is designed for saving water. However, for people with a very delicate skin (allergic to detergents) it may be necessary to rinse the laundry using an extra quantity of water (extra rinse).

Press simultaneously the buttons **2** and **3** for some seconds: the **Extra Rinse** pilot light comes on in the programme progress display. This function stays permanently on. To remove it press the same buttons again until the **Extra Rinse** light goes off.

Altering an option or a running programme

It is possible to change any option before the programme carries it out. Before you make any change, you must pause the washing machine by pressing the button **7**.

Changing a running programme is possible **only by resetting it**. Turn the programme selector dial to **O** and then to the new programme position. Start the new programme by depressing button **7** again.

The washing water in the tub will be not emptied out

Interrupting a programme

Depress button **7** to interrupt a programme which is running, the corresponding light starts to flash. Depress the button again to restart the programme.

Cancelling a programme

Turn the selector dial to **O** to cancel a programme which is running. Now you can select a new programme.

Opening the door after the programme has started

First set the machine to pause by pressing button **7**. The **Door** light goes off and the door can be opened.

If the **Door** light does not go off and the door remains locked, this means that the machine is already heating, that the water level is above the bottom edge of the door. In this case the door can not be opened.

If you cannot open the door but you need to open it you have to switch the machine off by turning the selector dial to **O**. After about some minutes the door can be opened (**pay attention to the water level and temperature!**).

After this procedure, you must select the programme again and depress button **7** to start it.

At the end of the programme

The machine stops automatically, the light of the button **7** goes off, the buzzer sound and a flashing **0** will appear on the display.

If the **Rinse Hold** option have been selected, the **Door** pilot light illuminates, a flashing **0** will appear on the display, the light of the button **7** goes off but the door remains locked to indicate that the water must be emptied out before opening the door.

To empty out the water please read the steps on the Rinse Hold option paragraph.

Turn the programme selector dial to **0** to switch the machine off.

Remove the laundry from the drum and carefully check that the drum is empty.

If you do not intend to carry out another wash, close the water tap. Leave the door open to prevent the formation of mildew and unpleasant smells.

Washing programmes

Programme/ Temperature	Type of laundry	Options	Description of programme
Cottons (Kochwäsche blanc) 95°-60°	White cotton	Spin red./Rinse Hold, Prewash, Stain, Time saving, Extra rinse	Main wash Rinses Long spin at the maximum speed
Cottons (Koch- /Buntwäsche) 40°-30° 40-60 MIX	Coloured cotton	Spin red./Rinse Hold Prewash, Stain*, Time saving**, Extra rinse	Main wash Rinses Long spin at the maximum speed
Synthetics (Pflegeteicht Synthétiques) 60°-50°-40°- 30°	Synthetic or mixed fabrics	Spin red./Rinse Hold Prewash, Stain*, Time saving, Extra rinse	Main wash, Rinses and Short spin
Easy Iron (Leichtbügeln Repassage facile plus) 40°	Synthetics to be gentle washed and spun.	Spin red./Rinse Hold Extra rinse, Prewash	Main wash, Rinses and Short spin
Delicates (Feinwäsche Linge Délicat) 40°-30°	Delicate fabrics: for example curtains	Spin red./Rinse Hold, Time saving, Prewash, Stain** Extra rinse	Main wash, Rinses and Short spin
 Wool (Handwash) (Wolle plus Laine plus) 40°-30°- ✖	Special programme for hand washing fabrics and specially tested programme for wool garments bearing the «Pure new wool, non- shrink, machine washable» label.	Spin red./Rinse Hold	Main wash, Rinses and Short spin

* **Stain** option can be selected only at the temperature of 40°C or higher.

** **Time Saving** option cannot be selected with 40-60 MIX programme.

Washing programmes

Programme/ Temperature	Type of laundry	Options	Description of programme
Delicate rinses (Feinspülen Rinçages)	Separate rinse cycle for hand washed items.	Spin red./Rinse Hold Extra rinse	3 rinses and short spin
Drain (Pumpen Vidange)	For emptying out the last rinse water in programmes with the Rinse Hold option.		Draining of water
Spin (Schleudern Essorage)	Separate spin for all type of fabric.	Spin reduction	Drain and long spin at the maximum speed
Refresh (30 Min -3 kg Rafraîchir) 30°	Quick wash for sport items, or cotton and synthetics items lightly soiled or worn once.	Spin reduction	Main wash, Rinses and short spin
ECO Energiesparen Economique	White and fast coloured cotton economy , lightly-heavy soiled items.	Spin red./Rinse Hold Prewash, Stain Extra rinse	Main wash Rinses Long spin at the maximum speed
O/off Aus/ Arrêt	For cancelling the programme which is running or to switch the machine off.		

Type of fabric	Max. Load
Cottons	6 kg
Synthetics and Delicates	3 kg
40° Easy Iron	1,5 kg
Wool and Handwash	2 kg
Refresh	2 kg
Cottons + Super quick	3 kg
Synthetics and Delicates + Super quick	1,5 kg

Programme information

<p>Easy Iron</p>	<p>Selecting this programme the laundry is gently washed and spun to avoid any creasing. In this way ironing is easier. Furthermore the machine will perform additional rinses.</p>
<p>Wool plus Handwash </p>	<p>Washing programme for machine washable wool  as well as for hand washable woollens and delicate fabrics with the "hand washing" care symbol .</p>
<p>Delicate rinses</p>	<p>With this programme it is possible to rinse and spin garments which have been washed by hand. The machine performs 3 rinses, followed by a short final spin. The spin speed can be reduced by depressing button 2.</p>
<p>Drain</p>	<p>For emptying out the water of the last rinse in programmes with the Rinse Hold option. Turn first the programme selector dial to 0, then select programme Drain and depress button 7.</p>
<p>Spin</p>	<p>Separate spin for hand washed garments and after programmes with Rinse Hold option. Before selecting this programme the selector dial must be turned to 0. You can choose the speed by means of the relevant button to adapt it to the fabrics to be spun.</p>
<p>ECONOMY</p>	<p>This programme can be selected for slightly or normally soiled white and fast colour cotton items. The temperature will decrease and the washing time will be extended. This allows to obtain a good washing efficiency by saving energy.</p>
<p>OFF/0</p>	<p>To reset a programme and to switch off the machine turn the selector dial to 0. Now can a new programme be selected.</p>

Preparing the wash cycle

Sorting out the laundry

Follow the wash code symbols on each garment label and the manufacturer's washing instructions. Sort the laundry as follows: whites, coloureds, synthetics, delicates, woollens.

Temperatures

95° or 90°	for normally soiled white cottons and linen (e.g. tea cloths, towels, tablecloths, sheets..).
60°/50°	for normally soiled, colour fast garments (e.g. shirts, night dresses, pyjamas....) in linen, cotton or synthetic fibres and for lightly soiled white cotton (e.g. underwear).
40°-30°- Cold	for delicate items (e.g. net curtains), mixed laundry including synthetic fibres and woollens bearing the label «pure new wool, machine washable, non-shrink».

Before loading the laundry

Never wash whites and coloureds together. Whites may lose their "whiteness" in the wash.

New coloured items may run in the first wash; they should therefore be washed separately the first time.

Make sure that no metal objects are left in the laundry (e.g. hair clips, safety pins, pins).

Button up pillowcases, close zip fasteners, hooks and poppers. Tie any belts or long tapes.

Remove persistent stains before washing.

Rub particularly soiled areas with a special detergent or detergent paste.

Treat curtains with special care. Remove hooks or tie them up in a bag or net.

Maximum loads

Recommended loads are indicated in the washing programme charts.

General rules:

Cotton, linen: drum full but not too tightly packed;

Synthetics: drum no more than half full;

Delicate fabrics and woollens: drum no more than one third full.

Washing a maximum load makes the most efficient use of water and energy.

For heavily soiled laundry, reduce the load size.

Laundry weights

The following weights are indicative:

bathrobe	1200 g
napkin	100 g
quilt cover	700 g
sheet	500 g
pillow case	200 g
tablecloth	250 g
towelling towel	200 g
tea cloth	100 g
night dress	200 g
ladies' briefs	100 g
man's work shirt	600 g
man's shirt	200 g
man's pyjamas	500 g
blouse	100 g
men's underpants	100 g

Removing stains

Stubborn stains may not be removed by just water and detergent. It is therefore advisable to treat them prior to washing.

Blood: treat fresh stains with cold water. For dried stains, soak overnight in water with a special detergent then rub in the soap and water.

Oil based paint: moisten with benzine stain remover, lay the garment on a soft cloth and dab the stain; treat several times.

Dried grease stains: moisten with turpentine, lay the garment on a soft surface and dab the stain with the fingertips and a cotton cloth.

Rust: oxalic acid dissolved in hot water or a rust removing product used cold. Be careful with rust stains which are not recent since the cellulose structure will already have been damaged and the fabric tends to hole.

Mould stains: treat with bleach, rinse well (whites and fast coloureds only).

Grass: soap lightly and treat with bleach (whites and fast coloureds only).

Ball point pen and glue: moisten with acetone (*), lay the garment on a soft cloth and dab the stain.

Lipstick: moisten with acetone as above, then treat stains with methylated spirits. Treat any residual marks with bleach.

Red wine: soak in water and detergent, rinse and treat with acetic or citric acid, then rinse. Treat any residual marks with bleach.

Ink: depending on the type of ink, moisten the fabric first with acetone (*), then with acetic acid; treat any residual marks on white fabrics with bleach and then rinse thoroughly.

Tar stains: first treat with stain remover, methylated spirits or benzine, then rub with detergent paste.

(*) do not use acetone on artificial silk.

Detergents and additives

Good washing results also depend on the choice of detergent and use of the correct quantities to avoid waste and protect the environment.

Although biodegradable, detergents contain substances which, in large quantities, can upset the delicate balance of nature.

The choice of detergent will depend on the type of fabric (delicates, woollens, cottons, etc.), the colour, washing temperature and degree of soiling.

All commonly available washing machine detergents may be used in this appliance:

- powder detergents for all types of fabric,

- powder detergents for delicate fabrics (60°C max) and woollens,
- liquid detergents, preferably for low temperature wash programmes (60°C max) for all types of fabric, or special for woollens only.

The detergent and any additives must be placed in the appropriate compartments of the dispenser drawer before starting the wash programme.

If using concentrated powder or liquid detergents, a programme **without** prewash must be selected.

Pour liquid detergent into the dispenser drawer compartment marked  **just before** starting the programme.

Any fabric softener or starching additives must be poured into the compartment marked  before starting the wash programme.

Follow the product manufacturer's recommendations on quantities to use and **do not exceed the «MAX» mark in the detergent dispenser drawer.**

Quantity of detergent to be used

The type and quantity of detergent will depend on the type of fabric, load size, degree of soiling and hardness of the water used.

Follow the product manufacturers' instructions on quantities to use.

Use less detergent if:

- you are washing a small load,
- the laundry is lightly soiled,
- large amounts of foam form during washing.

Degrees of water hardness

Water hardness is classified in so-called "degrees" of hardness. Information on hardness of the water in your area can be obtained from the relevant water supply company, or from your local authority.

Note: A water softener must be added when water has a medium-high degree of hardness (from degree of hardness II). Follow the manufacturer's instructions. The quantity of detergent can then always be adjusted to degree of hardness I (= soft).

Level	Characteristic	Degrees of water hardness	
		German °dH	French °T.H.
1	soft	0-7	0-15
2	medium	8-14	16-25
3	hard	15-21	26-37
4	very hard	> 21	> 37

i International wash code symbols

These symbols appear on fabric labels, in order to help you choose the best way to treat your laundry.

<p>Energetic wash</p>   <p>Delicate wash</p>	 <p>Max. wash temperature 95°C</p>	 <p>Max. wash temperature 60°C</p> 	 <p>Max. wash temperature 40°C</p>  	 <p>Max. wash temperature 30°C</p> 	 <p>Hand wash</p>	 <p>Do not wash at all</p>
---	---	---	---	---	--	--

 <p>Bleaching</p>	 <p>Bleach in cold water</p>	 <p>Do not bleach</p>
---	---	--

 <p>Ironing</p>	 <p>Hot iron max 200°C</p>	 <p>Warm iron max 150°C</p>	 <p>Lukewarm iron max 110°C</p>	 <p>Do not iron</p>
---	---	--	--	--

 <p>Dry cleaning</p>	 <p>Dry cleaning in all solvents</p>	 <p>Dry cleaning in perchlorethylene, petrol, pure alcohol, R 111 & R 113</p>	 <p>Dry cleaning in petrol, pure alcohol and R 113</p>	 <p>Do not dry clean</p>
--	---	--	---	---

 <p>Drying</p>	 <p>Flat</p>	 <p>On the line</p>	 <p>On clothes hanger</p>	 <p>high temperature</p>  <p>low temperature</p> <p>Tumble dry</p>	 <p>Do not tumble dry</p>
--	---	--	--	--	---

Care and cleaning

You must DISCONNECT the appliance from the electricity supply, before you can carry out any cleaning or maintenance work.

Descaling

The water we use normally contains lime. It is a good idea to periodically use a water softening powder in the machine. Do this separately from any laundry washing, and according to the softening powder manufacturer's instructions.

This will help to prevent the formation of lime deposits.

After each wash

Leave the door open for a while. This helps to prevent mould and stagnant smells forming inside the appliance. Keeping the door open after a wash will also help to preserve the door seal.

Maintenance wash

With the use of low temperature washes it is possible to get a build up of residues inside the drum.

We recommend that a maintenance wash be performed on a regular basis.

To run a maintenance wash:

- The drum should be empty of laundry.
- Select the hottest cotton wash programme.
- Use a normal measure of detergent, must be a powder with biological properties.

External cleaning

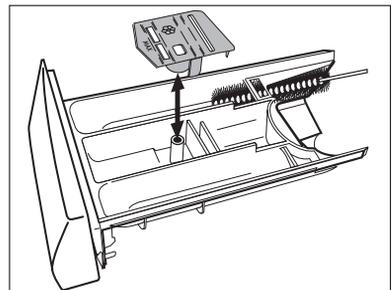
Clean the exterior cabinet of the appliance with soap and water only, and then dry thoroughly.

Important: do not use methylated spirits, solvents or similar products to clean the cabinet.

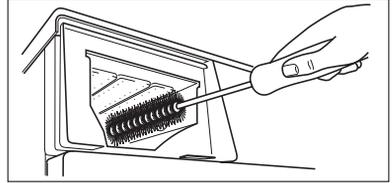
Detergent dispenser drawer

The detergent dispenser drawer should be cleaned regularly.

1. Remove the detergent dispenser drawer by pulling it firmly.



2. Remove the conditioner insert from the middle compartment.
3. Clean all parts with water.
4. Put the conditioner insert in as far as it will go, so that it is firmly in place.
5. Clean all parts of the washing machine, especially the nozzles in the top of the washing-in chamber, with a brush.
6. Insert the detergent dispenser drawer in the guide rails and push it in.



Washing drum

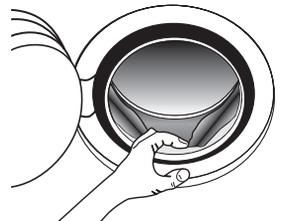
Rust deposits in the drum may occur due to rusting foreign bodies in the washing or tap water containing iron.

Important! Do not clean the drum with acidic descaling agents, scouring agents containing chlorine or iron or steel wool.

1. Remove any rust deposits on the drum with a cleaning agent for stainless steel.
2. Run a washing cycle without any washing to clean off any cleaning agent residues. Programme: COTTONS/LINEN 95, press the TIME SAVING button, add approx. 1/4 measuring cup of detergent.

Door seal

Check from time to time the door seal and eliminate eventual possible objects that could be trapped in the fold.



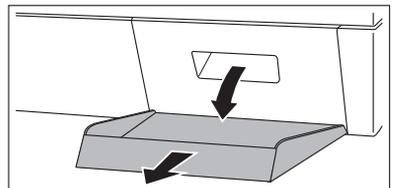
Drain pump

The pump should be inspected regularly and particularly if

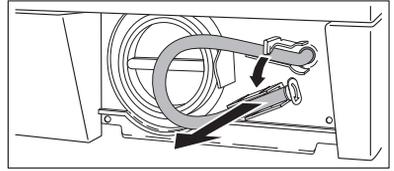
- the machine does not empty and/or spin
- the machine makes an unusual noise during draining due to objects such as safety pins, coins etc. blocking the pump.

Proceed as follows:

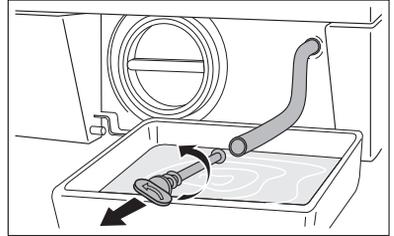
1. Disconnect the appliance.
2. If necessary wait until the water has cooled down.
3. Open the pump door.



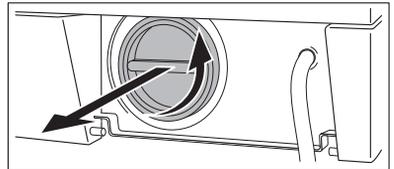
4. Place a container close to the pump to collect any spillage.



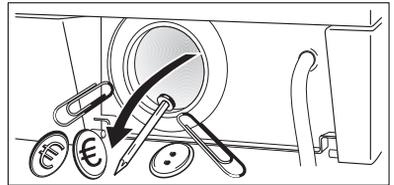
5. Release the emergency emptying hose, place it in the container and remove its cap.



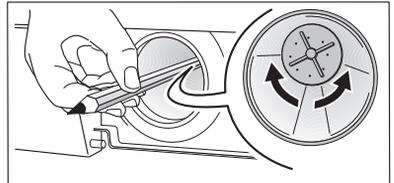
6. When no more water comes out, unscrew the pump and remove it. Always keep a rag nearby to dry up spillage of water when removing the pump.



7. Remove any objects from the pump impeller by rotating it.

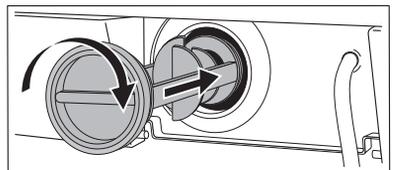


8. Put the cap back on the emergency emptying hose and place the latter back in its seat.



9. Screw the pump fully in.

10. Close the pump door.



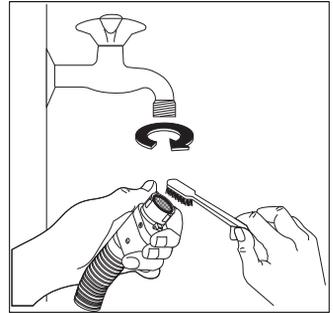
Warning!

When the appliance is in use and depending on the programme selected there can be hot water in the pump. Never remove the pump cover during a wash cycle, always wait until the appliance has finished the cycle, and is empty. When replacing the cover, ensure it is securely retightened so as to stop leaks and young children being able to remove it.

Water inlet filter

If you notice that the machine is taking longer to fill, check that the filter in the water inlet hose is not blocked.

1. Turn off the water tap.
2. Unscrew the hose from the tap.
3. Clean the filter in the hose with a stiff brush.
4. Screw the hose back onto the tap.

**Emergency emptying out**

If the water is not discharged, proceed as follows to empty out the machine:

1. pull out the plug from the power socket;
2. close the water tap;
3. if necessary, wait until the water has cooled down;
4. open the the pump door;
5. place a bowl on the floor and place the end of the emergency emptying hose into the bowl. Remove its cap. The water should drain by gravity into the bowl. When the bowl is full, put the cap back on the hose. Empty the bowl. Repeat the procedure until water stops flowing out;
6. clean the pump if necessary as previously described;
7. replace the emergency emptying hose in its seat after having plugged it;
8. screw the pump again and close the door.

Frost precautions

If the machine is installed in a place where the temperature could drop below 0°C, proceed as follows:

1. Close the water tap and unscrew the water inlet hose from the tap.
2. Place the end of the emergency emptying hose and that of the inlet hose in a bowl placed on the floor and let water drain out.
3. Screw the water inlet hose back on and reposition the emergency emptying hose after having put the cap on again.

By doing this, any water remaining in the machine is removed, avoiding ice forming and consequently damage to the appliance.

When you use the machine again, make sure that the ambient temperature is above 0°C.

Important! Every time you drain the water through the emergency emptying hose you must pour 2 litres of water into the main wash compartment of the detergent drawer and then run the drain programme. This will activate the ECO VALVE device avoiding that part of the detergent remains unused at next washing.

Something not working

Certain problems are due to lack of simple maintenance or oversights, which can be solved easily without calling out an engineer. Before contacting your local Service Centre, please carry out the checks listed below.

During machine operation it is possible that the yellow pilot light of button **7** flashes, one of the following alarm codes appears on the display and at the same time some acoustic signals sound every 20 seconds to indicate that the machine is not working:

- **E10** : problem with the water supply
- **E20** : problem with the water draining
- **E40** : door open.

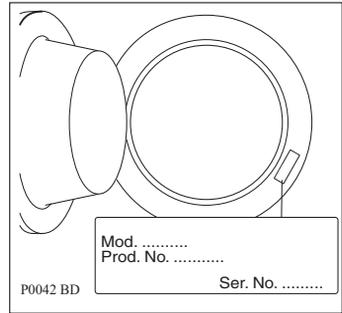
Once the problem has been eliminated, press button **7** to restart the programme. If after all checks, the problem persists, contact your local Service Centre.

Problem	Possible cause/Solution
<p>The washing machine does not start:</p>	<p>The door has not been closed. E40</p> <ul style="list-style-type: none"> • Close firmly the door. <p>The plug is not properly inserted in the power socket.</p> <ul style="list-style-type: none"> • Insert the plug into the power socket. <p>There is no power at the socket.</p> <ul style="list-style-type: none"> • Please check your domestic electrical installation. <p>The main fuse has blown.</p> <ul style="list-style-type: none"> • Replace the fuse. <p>The selector dial is not correctly positioned and the button 7 has not been depressed.</p> <ul style="list-style-type: none"> • Please turn the selector dial and press button 7 again.
<p>The machine does not fill:</p>	<p>The water tap is closed. E10</p> <ul style="list-style-type: none"> • Open the water tap. <p>The inlet hose is squashed or kinked. E10</p> <ul style="list-style-type: none"> • Check the inlet hose connection. <p>The filter in the inlet hose is blocked. E10</p> <ul style="list-style-type: none"> • Clean the water inlet hose filter. <p>The door is not properly closed. E40</p> <ul style="list-style-type: none"> • Close firmly the door.

Problem	Possible cause/Solution
The machine fills then empties immediately:	The end of the drain hose is too low. <ul style="list-style-type: none"> • Refer to relevant paragraph in «water drainage» section.
The machine does not empty and/or does not spin:	The drain hose is squashed or kinked. <i>E20</i> <ul style="list-style-type: none"> • Check the drain hose connection. The drain pump is clogged. <i>E20</i> <ul style="list-style-type: none"> • Clean the drain pump. The option Rinse Hold has been selected. <ul style="list-style-type: none"> • Disable the option Rinse Hold. • Select the Drain or Spin programme. The laundry is not evenly distributed in the drum. <ul style="list-style-type: none"> • Redistribute the laundry.
There is water on the floor:	Too much detergent or unsuitable detergent (creates too much foam) has been used. <ul style="list-style-type: none"> • Reduce the detergent quantity or use another one. Check whether there are any leaks from one of the inlet hose fittings. It is not always easy to see this as the water runs down the hose; check to see if it is damp. <ul style="list-style-type: none"> • Check the water inlet hose connection. The drain hose is damaged. <ul style="list-style-type: none"> • Change it with a new one. The cap on the emergency emptying hose has not been replaced after cleaning the pump. <ul style="list-style-type: none"> • Put the cap back on the emergency emptying and place the latter back in its seat.
Unsatisfactory washing results:	Too little detergent or unsuitable detergent has been used. <ul style="list-style-type: none"> • Increase the detergent quantity or use another one. Stubborn stains have not been treated prior to washing. <ul style="list-style-type: none"> • Use commercial products to treat the stubborn stains. The correct temperature was not selected. <ul style="list-style-type: none"> • Check if you have selected the correct temperature. Excessive laundry load. <ul style="list-style-type: none"> • Introduce into the drum less laundry.

Problem	Cause possible/Solution
The door will not open:	<p>The programme is still running.</p> <ul style="list-style-type: none"> • Wait the end of washing cycle. <p>The door lock has not been released.</p> <ul style="list-style-type: none"> • Wait until the Door light has gone off. <p>There is water in the drum.</p> <ul style="list-style-type: none"> • Select drain or spin programme to empty out the water.
The machine vibrates or is noisy:	<p>The transit bolts and packing have not been removed.</p> <ul style="list-style-type: none"> • Check the correct installation of the appliance. <p>The support feet have not been adjusted</p> <ul style="list-style-type: none"> • Check the correct levelling of the appliance. <p>The laundry is not evenly distributed in the drum.</p> <ul style="list-style-type: none"> • Redistribute the laundry. <p>Maybe there is very little laundry in the drum.</p> <ul style="list-style-type: none"> • Load more laundry.
Spinning starts late or the machine does not spin:	<p>The electronic unbalance detection device has cut in because the laundry is not evenly distributed in the drum. The laundry is redistributed by reverse rotation of the drum. This may happen several times before the unbalance disappears and normal spinning can resume. If, after some minutes, the laundry is still not evenly distributed in the drum, the machine will not spin.</p> <ul style="list-style-type: none"> • Redistribute the laundry.
The machine makes an unusual noise:	<p>The machine is fitted with a type of motor which makes an unusual noise compared with other traditional motors. This new motor ensures a softer start and more even distribution of the laundry in the drum when spinning, as well as increased stability of the machine.</p>
No water is visible in the drum:	<p>Machines based on modern technology operate very economically using very little water without affecting performance.</p>

If you are unable to identify or solve the problem, contact our service centre. Before telephoning, make a note of the model, serial number and purchase date of your machine: the Service Centre will require this information.



Technical Data

Dimensions	Width Height Depth (door included)	60 cm 85 cm 63 cm
Electrical connection Voltage - Overall power - Fuse	Information on the electrical connection is given on the rating plate on the inner edge of the appliance door	
Water supply pressure	Minimum Maximum	0,05 MPa 0,8 MPa
Maximum Load	Cotton	6 kg
Spin Speed	Maximum	1200 rpm



Consumption value

Programme	Water consumption (in litres)	Energy consumption (in kWh)	Programme duration (in minutes)
White Cottons 95°	61	2.0	For the duration of the programmes, please refer to the display on the control panel.
White-colour Cottons 60°	58	1.3	
40-60 MIX 40°	46	1.14	
Cottons 40°	58	0.7	
Synthetics 60°	54	1.0	
Easy Iron 40°	60	0.35	
Delicates 40°	60	0.55	
Wool (Handwash) 40°	53	0.4	
Delicate Rinses	50	0.05	
Drain	-	-	
Spin	-	-	
Refresh 30°	57	0.28	
Eco 60°(*)	46	1.02	

i The consumption data shown on this chart is to be considered purely indicative, as it may vary depending on the quantity and type of laundry, on the inlet water temperature and on the ambient temperature. It refers to the highest temperature for each wash programme.

i (*) «Cottons Eco» at 60°C with a load of 6 kg is the reference programme for the data entered in the energy label, in compliance with EEC 92/75 standards.

Installation

Unpacking

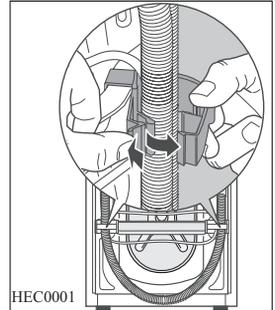
All transit bolts and packing must be removed before using the appliance.

You are advised to keep all transit devices so that they can be refitted if the machine ever has to be transported again.

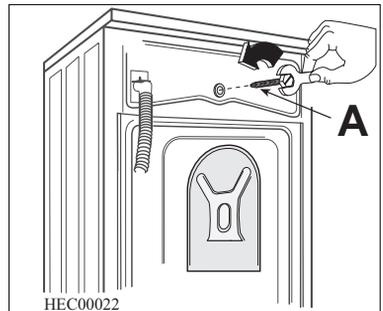
1. After removing all the packaging, carefully lay machine on it's back to remove the polystyrene base from the bottom.



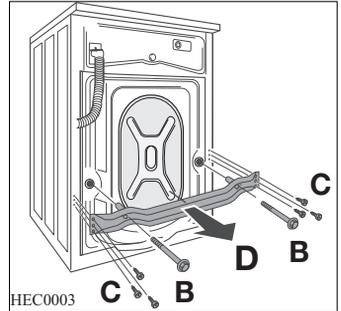
2. Remove the power supply cable and the draining hose from the hose holders on the rear of the appliance.



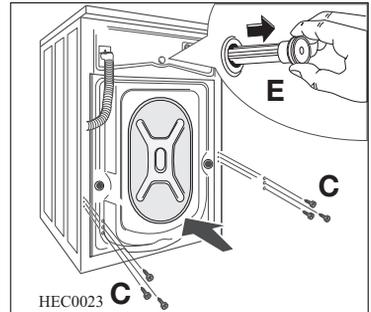
3. With the provided spanner **A**, unscrew and remove the central rear bolt.



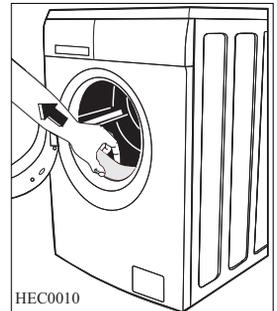
4. Unscrew and remove the two large rear bolts **B** and the six smaller bolts **C**.



5. Remove the bracket **D** and tighten up the six smaller bolts **C**. Slide out the relevant plastic spacer **E**.

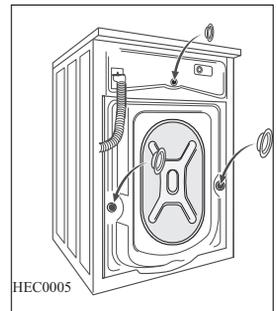


6. Open the porthole, take out the inlet hose from the drum and remove the polystyrene block fitted on the door seal.



7. Fill the smaller upper hole and the two large ones with the corresponding plastic plug caps supplied in the bag containing the instruction booklet.
8. Connect the water inlet hose as described under the paragraph «Water inlet».

All the different plug caps are supplied with the appliance in the plastic bag containing the instruction booklet.



Positioning and levelling

Install the machine on a flat hard floor.

Make sure that air circulation around the machine is not impeded by carpets, rugs etc.

Before placing it on small tiles, apply a rubber coating.

Never try to correct any unevenness in the floor by putting pieces of wood, cardboard or similar materials under the machine.

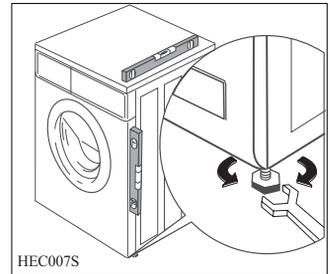
If it is impossible to avoid positioning the machine next to a gas cooker or coal-burning stove, an insulating panel covered with aluminium foil on the side facing the cooker or stove, must be inserted between the two appliances.

The machine must not be installed in rooms where the temperature can drop below 0.

The water inlet hose and the drain hose must not be kinked.

Please ensure that when the appliance is installed, it is easily accessible for the engineer in the event of a breakdown.

Carefully level by screwing the adjustable feet in or out. Never place cardboard, wood or similar materials under the machine to compensate for any unevenness in the floor.



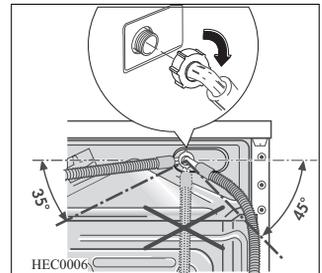
Water inlet

An inlet hose is supplied and can be found inside the machine drum.

Do not use the already employed hoses to connect to the water supply.

This appliance must be connected to a cold water supply.

1. Open the porthole and extract the inlet hose.
2. Connect the hose with the angled connection to the machine.

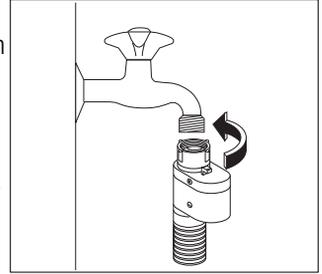


Do not place the inlet hose downwards. Angle the hose to the left or right depending on the position of your water tap.

3. Set the hose correctly by loosening the ring nut. After positioning the inlet hose, be sure to tighten the ring nut again to prevent leaks.
4. Connect the hose to a tap with a 3/4" thread. Always use the hose supplied with the appliance.

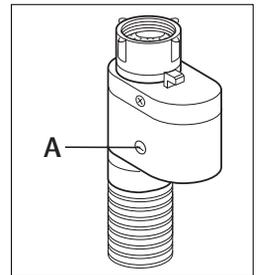
Installation should comply with local water authority and building regulations requirements. A minimum water pressure of 0.05 MPa is required for safe operation of the appliance.

If you cannot make the cold water connection direct from the rising mains, you may be able to operate the appliance from your cold water storage system. There should be a minimum distance of between the appliance's inlet and the bottom of the water storage tank.



Water-stop device

The inlet hose is provided with a water stop device, which protects against damage caused by water leaks in the hose which could develop due to natural ageing of the hose. This fault is shown by a red sector in the window "A". Should this occur, turn the water tap off and refer to your Service Centre to replace the hose.



Water drainage

The end of the drain hose can be positioned in three ways:

Hooked over the edge of a sink using the plastic hose guide supplied with the machine.

In this case, make sure the end cannot come unhooked when the machine is emptying.

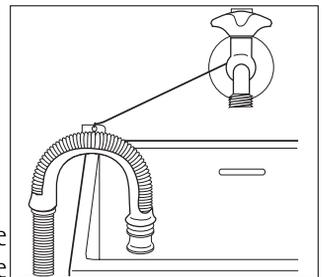
This could be done by tying it to the tap with a piece of string or attaching it to the wall.

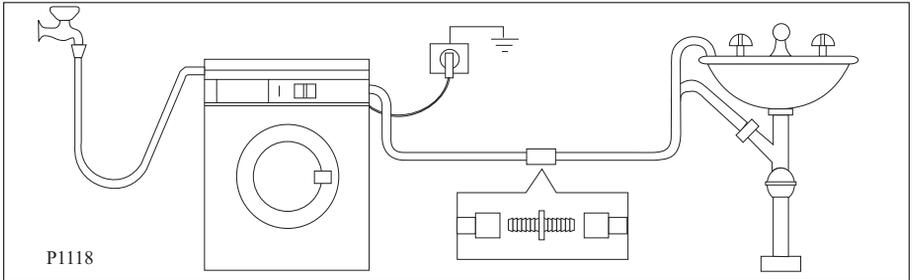
In a sink drain pipe branch. This branch must be above the trap so that the bend is at least 60 cm above the ground.

Directly into a drain pipe at a height of not less than 60 cm and not more than 90 cm.

The end of the drain hose must always be **ventilated**, i.e. the inside diameter of the drain pipe must be larger than the outside diameter of the drain hose.

The drain hose must not be kinked.





Important!

The drain hose may be extended to a maximum of 4 metres. An additional drain hose and joining piece is available from your local Service Centre.

Electrical connection

This machine is designed to operate on a 220-230 V, single-phase, 50 Hz supply.

Check that your domestic electrical installation can take the maximum load required (2.2 kW), also taking into account any other appliances in use.



Connect the machine to an earthed socket.



The manufacturer does not accept any responsibility for damage or injury through failure to comply with the above safety precaution.

Permanent connection

In the case of a permanent connection it is necessary that you install a double pole switch between the appliance and the electricity supply (mains), with a minimum gap of 3 mm between the switch contacts and of a type suitable for the required load in compliance with the current electrical regulations.

The switch must not break the yellow and green earth cable at any point.

This operation must be performed by a qualified electrician.



The power supply cable must be easily accessible after installing the machine.



Should the appliance power supply cable need to be replaced, this must be carried out by a Service Centre.



Environment concerns

Packaging materials

The materials marked with the symbol  are recyclable.

>PE<=polyethylene

>PS<=polystyrene

>PP<=polypropylene

This means that they can be recycled by disposing of them properly in appropriate collection containers.

Old machine

Use authorised disposal sites for your old appliance. Help to keep your country tidy!

The symbol  on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Ecological hints

To save water, energy and to help protect the environment, we recommend that you follow these tips:

- Normally soiled laundry may be washed without prewashing in order to save detergent, water and time (the environment is protected too!).
- The machine works more economically if it is fully loaded.
- With adequate pre-treatment, stains and limited soiling can be removed; the laundry can then be washed at a lower temperature.
- Measure out detergent according to the water hardness, the degree of soiling and the quantity of laundry being washed.

www.electrolux.com

www.aeg-electrolux.ch



132 966 340 -00-472007 Subject to change without notice

PERFEKT IN FORM UND FUNKTION

