

# ÖKO-LAVAMAT 88830 update

The Environmentally-Friendly Washing Machine

User Information



## Dear customer,

Please read this user information carefully.

In particular, pay attention to the section "Safety" on the first pages. Keep this user information in a safe place for later reference. Pass it on to any subsequent owners of the unit.



Points which are necessary for your safety or which are important for the unit's functional capability are highlighted by a warning triangle and/or signal words (**Warning!**, **Caution!**, **Attention!**). Always remember.



1. This symbol guides you step by step in operating the unit.

2. ...



After this symbol you will find detailed information on operation and practical use of the unit.



The clover leaf indicates tips and information on the economical and environmentally-responsible use of the unit.

This user information contains information on remedying any faults which may occur, see the section "What to do if ...".

If these instructions are not sufficient, our After-Sales Service is at your disposal at any time:

ELGROEP & AEG SERVICE

Bergensesteenweg 719

1502 Lembeek

Tel.: 02/3630444

Here you will receive an answer to any question concerning the features and use of your unit. Of course, we are also pleased to receive any requests, suggestions and criticism. Our aim is to further improve our products and services for the benefit of our customers.

In the event of technical problems, our factory customer service in your area is at your disposal at all times. Also refer to the section "Service".

Printed on recycled paper.

Those who think ecologically act ecologically ...

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# INSTRUCTIONS FOR USE



## Safety

The safety of AEG electrical appliances conforms to the recognised technical regulations and the legislation covering the safety of appliances. However, as manufacturers, we still regard it as our responsibility to inform you of the following safety information.

### Before Putting into Operation for the First Time

- Refer to the **"Installation and Connection Instructions"** later in this user information.
- When the unit is delivered in winter months with minus temperatures: Store the washing machine for 24 hours at room temperature before putting it into operation.

### Correct Use

- The washing machine is only designed for normal domestic washing. If the unit is used for purposes other than that for which it is designed, the manufacturer can accept no liability for any resulting damages.
- For safety reasons, conversions or modifications to the washing machine are not permissible.
- Use only detergents which are suitable for washing machines. Follow the washing detergent manufacturer's instructions.
- The washing must not contain any flammable solvents. Also remember this when washing pre-cleaned washing.
- Do not use the washing machine for chemical cleaning.
- Dyes/dye removers may only be used in washing machines if the manufacturer expressly allows these products. We cannot be held liable for any resulting damage.
- Use only water from the water mains. Use rainwater or service water only if it meets the requirements outlined in DIN 1986 and DIN 1988.
- Frost damage is not covered by the warranty! If the washing machine is in a room which is at risk from frost, an emergency emptying operation must be carried out when there is a frost risk (see the section "Carry Out Emergency Emptying").

## Child Safety

- Packaging components (e.g. films, polystyrene) can be hazardous to children. Risk of suffocation! Keep packaging away from children.
- Children often cannot recognise the hazards associated with handling electrical appliances. Therefore, ensure the necessary supervision during operation and do not allow children to play with the washing machine – there is a risk that children can get trapped inside.
- Ensure that children or small animals cannot climb into the washing machine's drum.
- When disposing of the washing machine: Pull out the mains plug, destroy the door lock, cut off the electrical supply lead and throw away the plug and the left-over cable. This means that children at play cannot shut themselves inside and in so doing be in danger.

## General Safety

- Repairs to the washing machine may only be carried out by skilled persons. Incorrect repairs can cause significant hazards. If repairs are necessary, consult our Customer Service or your specialist dealer.
- Never put the washing machine into operation if the mains cable is damaged or if the control panel, work top or base area are damaged in such a way that the inside of the unit is open and accessible.
- Switch off the washing machine before carrying out cleaning, care and maintenance work. Also pull the mains plug out of the socket or, – if it is permanently connected, – switch off the LS switch in the fuse box or completely unscrew the screw-in fuse.
- Never pull the cable to remove the plug from the socket. Always pull the plug itself.
- Multiple connectors, couplings and extension cables must not be used. **There is a fire risk with overheating!**
- Do not spray down the washing machine with a water jet. Electric shock risk!
- The glass in the filling door becomes hot in the case of washing programs with high temperatures. Do not touch!
- Allow the washing solution to cool down before emergency emptying of the unit, before cleaning or before emergency opening of the filling door.
- Small animals can chew the power cables and water hoses. Risk of electric shock and danger of water damage! Keep small animals away from the washing machine.



## Disposal

### Dispose the packing material!

Dispose of your washing machine's packaging correctly. All the packaging materials used are harmless to the environment and can be recycled.

- Plastic parts are marked with standard international abbreviations:
  - >PE< for polyethylene, e.g. sheet wrapping material
  - >PS< for polystyrene, e.g. padding material (always CFC-free)
  - >POM< for polyoxymethylene, e.g. plastic clips
- Cardboard packaging is manufactured from recycled paper and should be deposited in the waste paper collection for recycling.

### Dispose the old appliance!

When you finally put your appliance out of operation, please bring it to your nearest recycling centre or to your dealer.

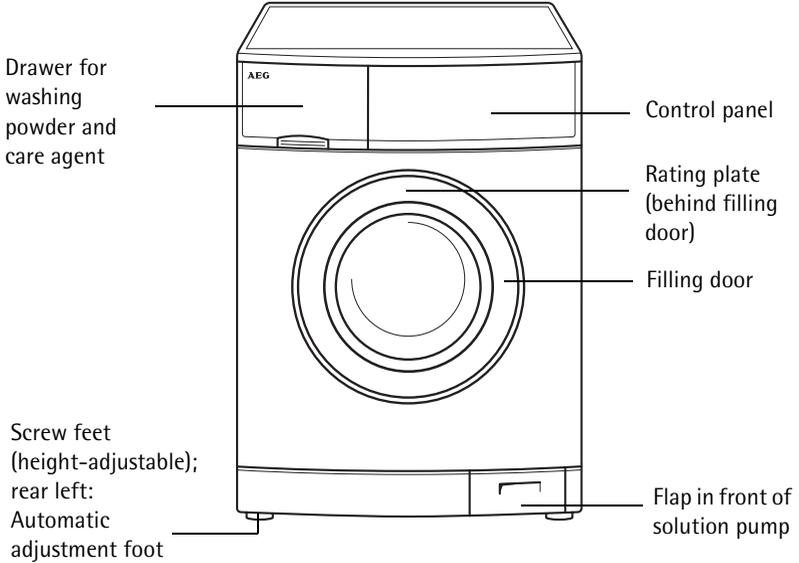


## Environment Tips

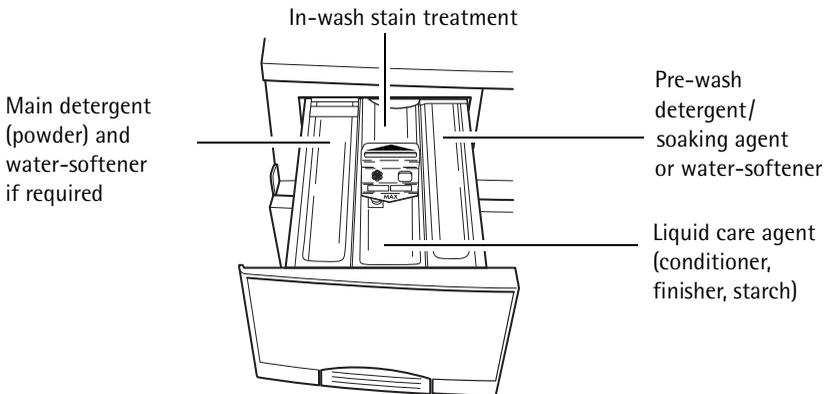
- The pre-wash cycle is not required for averagely dirty washing. This saves washing powder/liquid, water and time (and does not harm the environment).
- The washing machine is especially economical when you fully utilise the stated filling quantities.
- For small amounts of washing, use only half to two thirds the recommended amount of washing powder/liquid.
- Suitable pretreatment enables stains and small amounts of dirt to be removed. You can then wash at a lower temperature.
- Use the energy-saving program to wash garments which are lightly to moderately dirty.
- There is often no need for conditioner. Try it once! If you use a dryer, your washing will become soft and velvety even without conditioner.
- In the case of medium to high water hardness, (hardness range II or higher, see "Washing and Care Agents"), you should use water softener.  
The washing powder/liquid can then always be metered for hardness range I (= soft).

# Unit Description

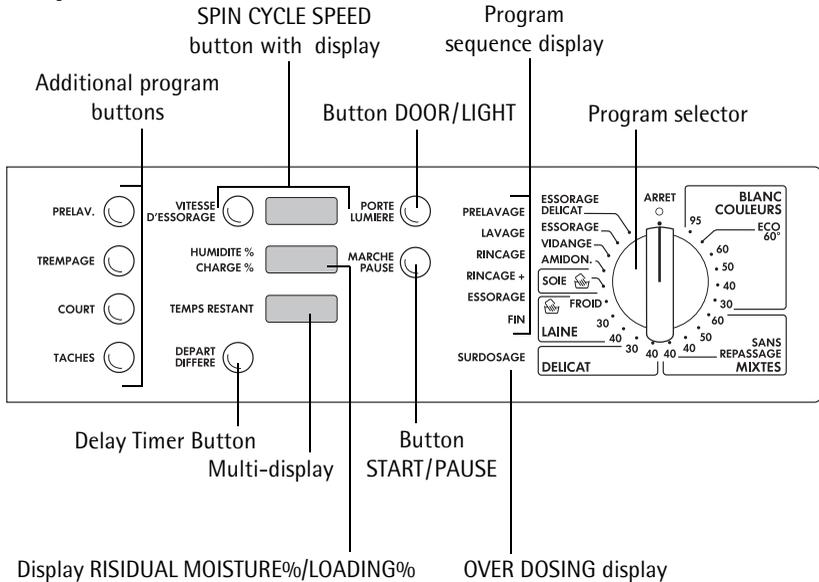
## Front View



## Drawer for Washing Powder and Care Agent



## Control panel



## Program Selector

The program selector determines the type of washing cycle (e.g. water level, drum movement, number of rinses, spin speed) according to the type of garments being washed, and also the washing solution.

### OFF (ARRET)

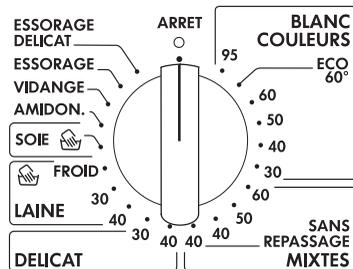
Switches off the washing machine. All other positions are "switched on".

### COTTONS/LINEN (BLANC/COULEURS)

Main washing cycle Cottons/Linen at 30 °C to 95 °C.



**ENERGY SAVING position (ECO):** Energy-saving program at approx. 67 °C for lightly to normally dirty cottons, extended washing time (cannot be combined with QUICK WASH/COURT and STAIN/TACHES).



**EASY-CARES (MIXTES)**

Main washing cycle for easy-care textiles (mixed fabrics) at 40 °C to 60 °C.

EASY IRON position (SANS REPASSAGE): Main washing cycle at 40 °C for easy-care textiles which, with the aid of this program, only have to be either gently ironed or not ironed at all.

**DELICATES (DELICAT)**

Main washing cycle for delicates at 30 °C or 40 °C.

**WOOL (LAINE)/  (Handwash Program)**

Main washing cycle (cold to 40 °C) for machine washable woollens and hand washable wool fabrics with the  (handwash) care code.

**SILK (SOIE)/  (Handwash Program)**

Main washing cycle at 30 °C for hand and machine washable silk.



As silk is a very delicate fabric we recommend washing only one garment at a time, if possible, and never together with other rough fabrics. For extremely delicate silks an even gentler wash can be achieved with the QUICK WASH (COURT) button.

**STARCHING (AMIDON.)**

Separate starching, separate conditioning and separate proofing of damp washing (1 rinse, wash in liquid treatment agent from conditioner chamber , spin cycle).

If required, a separate rinsing cycle can be carried out – just leave the conditioner chamber empty.

**PUMP OUT (VIDANGE)**

Pumping off the water after a rinse hold (without spin).



Rinse hold means: The washing remains lying in the last rinsing water. It is not spun.

**SPIN (ESSORAGE)**

Pumping off the water after a rinse hold and spin, or separate spin of hand-washed cottons /linen.

**SHORT SPIN (ESSOR. DELICATE)**

Pumping off the water after a rinse hold and short spin or separate short spin of sensitive textiles (easy-care washing, delicates, woollens).

## Additional Program Buttons

The additional program buttons are for adapting the washing program to the dirtiness of the washing. Additional programs are not required for washing which is not excessively dirty.

Various functions can be combined with each other, depending on the program.

PRELAV. 

TREMPAGE 

COURT 

TACHES 

### PRE WASH (PRELAV.)

Cold pre wash before the main washing cycle which follows on automatically; with intermediate spin for COTTONS/LINEN (BLANC/COULEURS), without intermediate spin for EASY-CARES (MIXTES) and DELICATES (DELICAT).

### SOAKING (TREMPAGE)

Approx. 1 hour at 30 °C or 40 °C, depending on the set program. Can be extended by max. 19 hours with the button DELAY TIMER (DEPART DIFFERE). This is followed by the main washing cycle.

### QUICK WASH (COURT)

Shorter washing cycle for slightly dirty washing.

### STAIN (TACHES)

For treating very dirty washing or stained washing. (In-wash stain treatment is added during the program on a time-optimized basis.)



With the WOOLLENS (LAINE)/ program (handwash), it is not possible to select the additional programs (any pressed buttons have no effect).

## Consumption Values and Time Requirements

The values for selected programs in the following tables were determined under normal conditions. However, there is a helpful orientation aid for domestic operation.

| Program Selector/<br>Temperature   | Filling Quantity<br>in kg | Water<br>in litres | Energy<br>in kWh | Time in<br>Minutes |
|--|---------------------------|--------------------|------------------|--------------------|
| COTTONS/LINEN 95<br>(BLANC/COULEURS)   | 5                         | 39                 | 1,65             | 137                |
| COTTONS/LINEN 60 <sup>1)</sup><br>(BLANC/COULEURS)   | 5                         | 39                 | 0,89             | 125                |
| COTTONS/LINEN 40<br>(BLANC/COULEURS)   | 5                         | 44                 | 0,55             | 122                |
| EASY-CARES 40<br>(MIXTES)  | 2.5                       | 45                 | 0,42             | 102                |
| DELICATES 30<br>(DELICAT)  | 2.5                       | 49                 | 0,40             | 68                 |
| WOOLLENS (LAINE)/<br> (Handwash) 30 | 2                         | 42                 | 0,20             | 37                 |

1) **Note:** Program setting for a test in accordance with EN 60 456. The consumption values can deviate from the stated values depending on the water pressure, water hardness, inlet temperature, room temperature, type and quantity of washing, the washing powder/liquid used, fluctuations in the mains voltage and selected additional functions.

## Running Time Display



The running times of the washing programs depend on the usual washing practice and the ambient conditions at the installation location.

TEMPS RESTANT

The washing type and quantity, the type of washing powder, the water temperature and the room temperature etc. can influence the duration of the washing program.

The washing machine saves from each program the running times of the last wash cycles and calculates from them the average running time for a washing cycle. This average running time is shown by the multi display during the next wash.

After several washes, the running time shown in the multi display is thereby adapted to the usual washing practice and the ambient conditions at the installation location.

## **What Does "Update" Mean?**

The washing programs of your washing machine are controlled by software.

New types of textiles or new washing powders/liquids could, in the future, require new washing programs. The software can be adapted to these in most cases.

For further information on the "Update", consult the Customer Service. You can also ask the Customer Service about the costs of an "Update".

## **Water Protection Aqua Control + Aqua Alarm**

In the event of damage to the supply hose, the system blocks the further supply of water to the unit directly at the water tap.

If water escapes elsewhere, the drainage pump automatically pumps off – even if the unit is switched off. The washing machine merely has to be connected to the electricity mains. When the water protection system responds, a warning signal sounds at the same time.

## Before the First Wash

-  Carry out a washing operation without washing (COTTONS/BLANC 95 °C, with half the quantity of washing powder/liquid). This removes residues left over from production on the drum and solution container.

## Prepare the Washing Cycle

### Sort and Prepare the Washing

- Sort the washing according to care codes and type (see "Washing Types and Care Codes").
- Empty pockets.
- Remove metal parts (paper clips, safety pins etc.).
- To prevent washing damage and washing snags: Close zip fasteners, button closed bed covers and pillow cases, and tie together ribbons, e.g. on aprons.
- Use clothing made of double-layer fabric (sleeping bag, anorak etc.).
- On knitted, coloured textiles and on wool and textiles with fitted decorations: Turn inside out.
- Wash small and sensitive items (baby socks, stockings, tights, bras etc.) in a washing net, a cushion with a zip fastener or in larger socks.
- Treat curtains with particular care. Remove small metal rollers or small, burred rollers or tie them in a net or in a bag. We cannot accept any liability for damage.
- Do not wash coloureds and whites together in one washing cycle. Otherwise, whites will discolour or turn grey.
- New coloureds often contain surplus dye. It is best to wash such items separately the first time.
- Mix small and large items of washing! This speeds up the effect of washing and the washing is more favourably distributed during spinning.
- Loosen up the washing before loading it into the washing machine.
- Put the washing into the drum folded out.
- Pay attention to the care instructions "Wash separately" and "Wash separately several times"!

## Washing Types and Care Codes

The care codes help you choose the correct washing program. The washing should be sorted according to type and care code. The temperatures stated in the care codes are all maximum values.

### Cottons

Textiles made of cotton and linen with this care code are insensitive to mechanical stress and high temperatures. The program COTTONS/LINEN (BLANC/COULEURS) is suitable for this type of washing.

### Linen

Textiles made of cotton and linen with this care code are insensitive to mechanical stresses. The program COTTONS/LINEN (BLANC/COULEURS) is suitable for this type of washing.

### Easy-Care Garments

Textiles such as finished cottons, cotton mixtures, viscose and synthetics with this care code require mechanically more mild treatment. The program EASY-CARES/EASY IRON (MIXTES/SANS REPASSAGE) is suitable for this type of washing.

### Delicates

Textiles such as layered fibres, microfibres, viscose, synthetics and curtains with this care code require very gentle treatment. The program DELICATES (DELICAT) is suitable for this type of washing.

### Wool, Silk and Extremely Delicate Washing

Textiles such as wool, wool blends and silk with this care code are particularly sensitive to mechanical stresses. The WOOL (LAINE)/ (Handwash) and SILK (SOIE)/ (Handwash) programs are suitable for this type of fabric.

**Attention!** Textiles with the care code  (Do not wash!) must not be washed in the washing machine!

## Washing Detergents and Care Agents

### Which washing detergent and care agent?

Use only washing detergents and care agents which are suitable for use in washing machines. Always follow the manufacturer's instructions.

### How much washing detergent and care agent?

The amount to be used depends on:

- the dirtiness of the washing
- the hardness category of the mains water supply
- the filling quantity



If the detergent manufacturer gives no details of the dosing quantities for minimum loads, add one third less for half loads and, in the case of very small loads and for EASY IRON (SANS REPASSAGE), only half the amount of detergent recommended for a full load.

Refer to the detergent/care manufacturer's instructions on use and dosage.

## Water Softener

For medium to high water hardness (hardness category II or higher) you should use water softener. Pay attention to the manufacturer's instructions. Always then meter detergent for hardness category I (= soft). The responsible water works can provide information on the local water hardness.



Since the water softener is added before the main washing detergent, (water pre-softening), eighty percent of the softener quantity stated on the package is sufficient.

### Water Hardness Details

| Hardness Category | Water Hardness °dH<br>(degrees German hardness) | Water Hardness in mmol/l<br>(millimol per litre) |
|-------------------|---|--|
| I – soft          | 0 – 7   | up to 1.3  |
| II – medium hard  | 7 – 14  | 1.3 – 2.5  |
| III – hard        | 14 – 21   | 2.5 – 3.8  |
| IV – very hard    | over 21   | over 3.8   |

# Run a Washing Cycle

## Brief Instructions

A washing cycle is run in the following steps:

1. Set the correct washing program:
  - Set the program and temperature with the program selector
  - Set any additional program(s)
2. Change the spin speed if necessary/select RINSE HOLD (SANS ESSORAGE).
3. Set DELAY TIMER (DEPART DIFFERE) if necessary.
4. Open the filling door and fill with washing.
5. Close the filling door.
6. Add washing detergent/care agent.
7. Start the washing program.

### After the Washing Program Ends:

**Attention!** If the washing cycle ended with Rinse Hold, before opening the filling door carry out PUMP (VIDANGE), SPIN (ESSORAGE) or SHORT SPIN (ESSORAGE DELICAT).

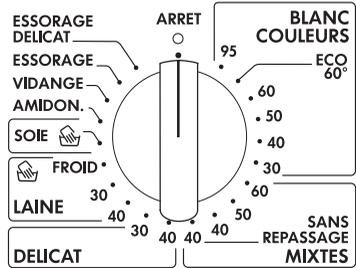
8. Open the filling door and remove the washing.
9. Switch off the washing machine: Set the program selector to OFF (ARRET).

## Setting the Washing Program

**i** See "Program Tables" for a suitable program, correct temperature and possible additional programs to suit the type of washing.

**1.** Set the program selector to the required washing program with the required temperature. The selected program is illuminated.

The anticipated duration of the selected program appears in the multi-display in minutes.



**2.** If necessary select additional program(s):  
The selected additional program is illuminated.  
- To change the selection press another button.  
- To delete the selection press the button again.

PRELAV.

TREMPAGE

COURT

TACHES

## Change the spin speed/Select rinse hold



If necessary, select the spin speed for the final spin.

VITESSE  
D'ESSORAGE



1800

Press the button SPIN SPEED (VITESSE D'ESSORAGE) as often as is necessary

until the required spin speed appears in the display.

- 1800, 1400, 1200, 1000, 800, 600 or 400 revolutions per minute are possible.
- With the display "R" the washing remains in the last rinse, it is not spun (Rinse hold).



If you do not change the spin speed, the final spin is automatically adapted depending on the washing program:

- COTTONS/LINEN (BLANC/COULEURS) 1800 revolutions per minute
- EASY-CARES/EASY IRON (MIXTES/SANS REPASSAGE) 1200 revolutions per minute
- DELICATES (LINGE DELICAT) 1200 revolutions per minute
- WOOLLENS (LAINE)/ (Handwash) 1200 revolutions per minute
- SILK (SOIE)/ (Handwash) 1200 revolutions per minute

The speed of the intermediate spin depends on the selected program and cannot be changed.

## Set the delay timer/soaking duration

### Delay timer

The button DELAY TIMER (DEPART DIFFERE) allows the start of a washing program to be delayed by 1 or up to a maximum of 19 hours.



Press the DELAY TIMER (DEPART DIFFERE) button as often as is necessary until the required start delay appears, for example, 12h for a delay of the program start by 12 hours.

TEMPS RESTANT

12h

DEPART  
DIFFERE



If 19h is displayed and you press again, the run time of the washing program set appears (display in minutes, e. g. 125). In this state, the delay timer is not set.

## Soaking duration

If you keep button SOAKING (TREMPAGE) depressed and at the same time actuate the TIMER DELAY button (DEPART DIFFERE) you can extend the soaking duration from 1 up to a maximum of 19 hours.

 Without a preselected time the soaking duration is approx. 1 hour.

## Opening and closing the filling door

 Open: Press button DOOR/LIGHT (PORTE/LUMIERE). The filling door springs open.



 Close: Press the filling door firmly closed.

The DOOR/LIGHT (PORTE/LUMIERE) illumination shows whether the filling door can be opened while the appliance is switched on :

- green: The door can be opened (not when the program saving function is activated, for details see the section Program Saving")
- off: Door cannot be opened temporarily
- red: Door is open

 The washing drum is illuminated when the filling door is open. The illumination goes out automatically after approx. 3 minutes.

## Add the Washing

 For the maximum filling quantities, refer to the "Program Tables". For information on the correct preparation of the washing, see "Sort and Prepare the Washing".

-  1. Sort and prepare the washing according to type.
2. Open the filling door: Press the button DOOR/LIGHT (PORTE/LUMIERE). The door springs open.
3. Fill with washing.

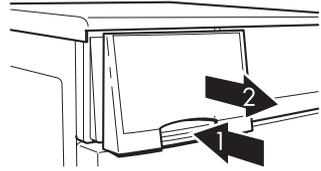
**Attention!** When closing the door, make sure no items of washing get stuck! This could damage textiles and the unit.

4. Close the filling door securely.

## Add Washing Detergent and/Care Agent.

**i** Refer to the information on washing detergents and care agents, see section "Washing Detergents and Care Agents".

- 1.** Open the washing detergent drawer: grip inside the flap on the drawer at the bottom (1) and pull out the drawer as far as it will go (2).



- 2.** Fill with washing detergent/ care agent

**Compartment for in-wash stain treatment**

**Compartment for main washing powder**

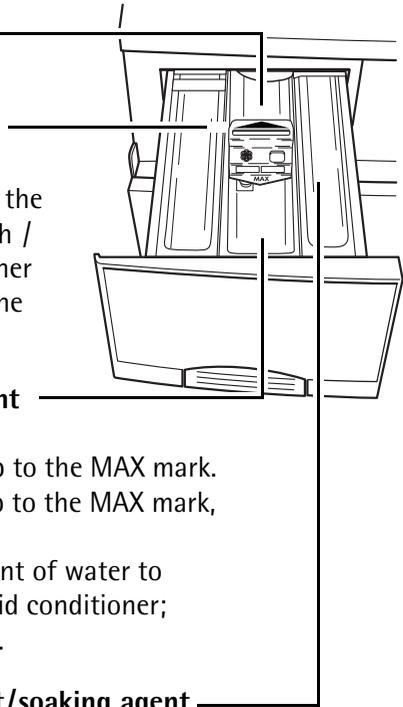
(If you use water softener and need the right compartment for the pre-wash / soaking agent, add the water softener to the main washing detergent in the left compartment.)

**Compartment for liquid care agent**  
(Conditioner, finisher, starch)

**Attention!** Fill the compartment up to the MAX mark. If necessary, dilute viscous agent up to the MAX mark, and dissolve powder starch.

**Note:** It is normal for a small amount of water to be left in the compartment for liquid conditioner; this will not affect the wash results.

**Compartment for pre-wash agent/soaking agent**  
only for additional programs PRE WASH (PRELAV.) and SOAKING (TREMPAGE)  
**or for water softener**



- 3.** Push the drawer fully in.

**i** **If using Liquid Detergent/Tabs:**

Add liquid detergent/tabs in the amount recommended by the washing detergent industry. Follow the instructions on the detergent package.

## Start the washing program

1. Check that the water valve is open.
2. Start the washing program:  
Press button START/PAUSE (MARCHE/PAUSE).  
The washing program is started or it starts after the set time expires.



- i** If DOOR/LIGHT (PORTE/LUMIERE) flashes red when the button START/PAUSE (MARCHE/PAUSE) is pressed the filling door is not closed properly. Press the filling door shut firmly and press button START/PAUSE (MARCHE/PAUSE) again.

### If the delay timer is set:

The preset delay timer is counting, the remaining time until the program starts is shown in the multi-display (always in whole hours). During this time you can load washing or change / abort the time preselection.

- Load washing: Press the START/PAUSE (MARCHE/PAUSE) button, the filling door can be opened. Then close the door and press button START/PAUSE (MARCHE/PAUSE) again.
- Change or abort time preselection: Press the DELAY TIMER (DEPART DIFFERE) button as often as is necessary until the required time is displayed; when the program run time is displayed (display in minutes, e.g. 125) the washing program starts without delay.

- i** While the time preselection counts the washing machine switches to the stand-by mode. Only RUN TIME (TEMPS RESTANT) is illuminated, the multi-display shows the remaining time until the program start. All other displays on the control panel are switched off in order to save energy. Pressing any arbitrary button cancels the stand-by mode.

## Completion of the Washing Program

### Program sequence display

Prior to the start the program steps to be executed are displayed by the program sequence display. The current program step is displayed during the washing program.

PRELAVAGE  
LAVAGE  
RINCAGE  
RINCAGE +  
ESSORAGE  
FIN

### Multi-display

The expected remaining run time (in minutes) until the completion of the program is shown in the multidisplay.

TEMPS RESTANT

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With the automatic program adaption by the control of the washing machine (quantity and type of washing, balance error recognition, special rinsing etc.) counting of the remaining run time can be stopped or corrected.

### Display RESIDUAL MOISTURE%/LOADING% (HUMIDITE%/CHARGE%)

The following appears alternately at the display:

HUMIDITE %  
CHARGE %

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- The expected residual moisture of the washing at the end of the program.  
This value depends on the set spin speed.

- Load the washing drum (in steps of 10 percent.)  
This value is displayed only in COTTONS/LINEN (BLANC/COULEURS) programs and EASY-CARES/EASY IRON (MIXTES/FACILE A REPASSER).  
The washing machine can recognise the load only fifteen minutes after a program start.

As soon as a value for the load is pending the display alternates between residual moisture and load.

Overloading of the drum is displayed in values higher than 100 percent (e. g. 120).



Due to the differences in the fabrics and in the filling quantity the washing reaches for EASY CARE/EASY IRON (MIXTES/FACILE A REPASSER) and DELICATES (DELICAT) a lower value for residual dampness than with COTTONS/LINENS (BLANC/COULEURS).

### Change the Spin Speed

The spin speed can still be changed or the rinse hold (display ) be set during the washing program.

Other settings cannot be changed.

## Abort program



Turn the program selector to OFF (ARRET) to abort the washing program.



The washing program can be interrupted at any time by pressing the START/PAUSE (MARCHE/PAUSE) button and then continued by pressing it again.

## The washing cycle is finished/Remove the washing.

END (FIN) is lit at the program sequence display when a washing program is finished.



The washing machine switches itself into the stand-by mode if no button is pressed or the program selector is not turned within approx. 3 minutes after the end of the program. Only END (FIN) is illuminated. All other displays on the control panel are switched off in order to save energy. Pressing any arbitrary button cancels the stand-by mode.

- A crease protection phase of approx. 30 minutes follows at the end of the program if program EASY IRON (SANS REPASSAGE) had been selected. The multidisplay also shows the remaining time and the display END (FIN) is illuminated. You can open the filling door and take the washing out at any time during the crease protection phase.
- START/PAUSE (MARCHE/PAUSE) flashes if spin speed  (rinse hold) was selected.



1. After a rinse hold it is first of all necessary to pump off the water:
  - Either press START/PAUSE (MARCHE/PAUSE) button (the washing will be spun according to the just finished program; with the SPIN SPEED (VITESSE D'ESSORAGE) button the spin speed can be changed even during the spin-drying process), or
  - turn program selector to PUMP (VIDANGE) and then press START/PAUSE (MARCHE/PAUSE) button (the water is pumped off without a spin), or
  - Turn the program selector to SPIN (ESSORAGE) or to SHORT SPIN (ESSORAGE DELICAT) and press START/PAUSE (MARCHE/PAUSE) button (the washing is spin-dried normally or with a short spin).END (FIN) is illuminated at the end of this program step.

2. Open the filling door.

As soon as DOOR/LIGHT (PORTE/LUMIERE) is illuminated in green the door can be opened (not if program saving is active, see "Program Saving").

3. Remove the washing.

4. Turn the program selector to OFF (ARRET).
5. After washing, pull out the washing detergent drawer slightly so that it can dry out. Only lean the door against the washing machine so that the latter can air out.



Too much detergent was used in the just finished program if OVER-DOSED (SURDOSAGE) is illuminated. Observe the dosing recommendations of the detergent manufacturer as well as the filling quantity for the next wash.

**SURDOSAGE**

**Attention!** If the washing machine is not used for a long time: Close the water tap and disconnect the washing machine from the electricity mains. (Aqua Control water protection with Aqua Alarm does not operate if the power supply is interrupted.)

# Program Tables

## Washing

Not all possible settings are listed below - only the ones most commonly used in everyday operation and the most appropriate ones.

| Type of Washing, Care Codes  | Max. Filling Quantity (dry weight) <sup>1)</sup> | Program Selector Temperature  | Possible Additional Programs   |
|--|--|---|--|
| Cottons<br>   | 5 kg   | COTTONS/LINEN (BLANC/COULEURS)<br>95  | PRE WASH (PRELAV.)<br>SOAKING (TREMPAGE)<br>QUICK WASH (COURT)<br>STAIN (TACHES) |
| <b>Energy-Saving Program:</b><br>Cottons    | 5 kg   | COTTONS/LINEN (BLANC/COULEURS)<br>ENERGY-SAVING (ECO)   | PRE WASH (PRELAV.)<br>SOAKING (TREMPAGE)   |
| Linen<br>    | 5 kg   | COTTONS/LINEN (BLANC/COULEURS)<br>30 to 60  | PRE WASH (PRELAV.)<br>SOAKING (TREMPAGE)<br>QUICK WASH (COURT)<br>STAIN (TACHES) |
| Easy-Cares<br>   | 2.5 kg   | EASY-CARES (MIXTES)<br>40 to 60   | PRE WASH (PRELAV.)<br>SOAKING (TREMPAGE)<br>QUICK WASH (COURT)<br>STAIN (TACHES) |
|  | 1 kg   | EASY IRON <sup>2)</sup> (SANS REPASSAGE)<br>40  |  |
| Delicates<br>   | 2,5 kg (or 15-20 m <sup>2</sup> curtains)        | DELICATES (DELICAT)<br>30, 40   | PRE WASH (PRELAV.)<br>SOAKING (TREMPAGE)<br>QUICK WASH (COURT)<br>STAIN (TACHES) |
| Woolens/ Handwash<br>   | 2 kg   | <br>WOOLLENS (LAINE)<br>COLD (FROID) to 40 |  |
| Silk/Handwash<br>   | 1 kg   |  /SILK (SOIE)<br>30                        | QUICK WASH (COURT)   |

1) A 10-litre bucket holds approx. 2.5 kg of dry washing (cottons).

2) Only if a filling quantity of 1 kg is observed are creases in the washing largely avoided.

5 to 7 easy-care men's shirts are equivalent to about 1 kg of dry washing.

## Separate Conditioning/Starching/Impregnating

| Type of Washing | Max. Filling Quantity<br>(dry weight) | Program Selector    |
|-----------------|---------------------------------------|---------------------|
| Cottons/Linen   | 5 kg                                  | STARCHING (AMIDON.) |

## Separate Spin

| Type of Washing  | Max. Filling Quantity<br>(dry weight) | Program Selector                 |
|------------------|---------------------------------------|----------------------------------|
| Cottons/Linen    | 5 kg                                  | SPIN (ESSORAGE)                  |
| Easy-Cares       | 2.5 kg                                | SHORT SPIN<br>(ESSORAGE DELICAT) |
| Delicates        | 2.5 kg                                |                                  |
| Woolens/Handwash | 2 kg                                  |                                  |
| Silk/Handwash    | 1 kg                                  |                                  |

# Cleaning and Care

## Control Panel

**Attention!** For cleaning panels and control parts, do not use furniture polish or any aggressive cleaning agents.

- ☞ Wipe off control panels with a damp cloth. Use warm water to do this.

## Washing Detergent Drawer

The washing detergent drawer should be cleaned from time to time.

- ☞ 1. Pull out the washing detergent drawer as far as it will go.

2. Remove the washing detergent drawer with a firm pull.

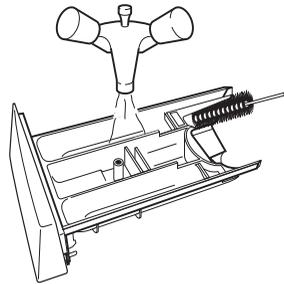
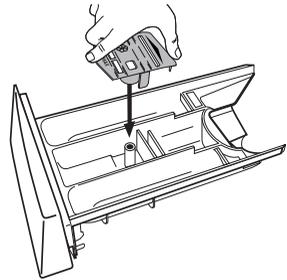
3. Remove the softener insert from the middle compartment.

4. Clean the softener insert under running water.

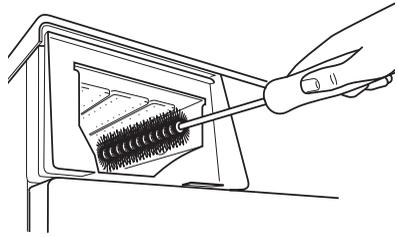
5. Clean the compartments from the rear with warm water.

It is best to use a bottle brush.

6. Push on the softener insert as far as it will go so that it is secure.



7. Use a brush to clean the entire rinsing-in part of the washing machine, especially the nozzles on the top side of the rinsing-in chamber.



8. Insert the washing detergent drawer into the guide rails and push it in.

## Washing Drum

The washing drum is made of high-quality stainless steel. Rust deposits on the drum can occur due to foreign bodies in the washing which can cause rust.

**Attention!** Do not clean the stainless steel drum with acidic antiliming agents, scouring agents containing chlorine or iron or steel wool. Our Customer Service Department has suitable agents available.

- ☞ Remove any rust deposits on the drum using a stainless steel cleaning agent.

## Filling Door

- ☞ Check regularly whether there are deposits or foreign bodies in the rubber sleeve behind the filling door and, if so, remove them.

## Cleaning the drain pump

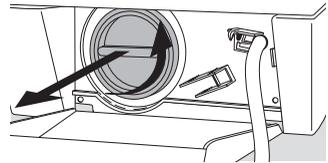
Paper clips, nails and so on can sometimes get into the washing machine with the washing and remain in the drain pump casing. Fluff and strands of fabric can gather on these items and block the drain pump.

Therefore the drain pump should be cleaned at least once a year.

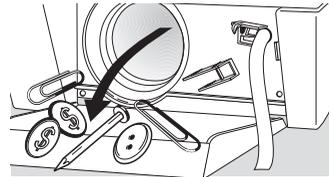


**Warning!** Switch off the washing machine and pull out the mains plug before cleaning the drain pump!

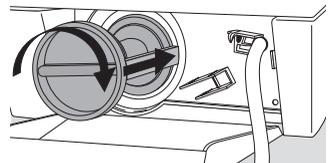
1. First carry out an emergency emptying (see section "Carry Out Emergency Emptying").
2. Place a towel on the floor in front of the cover of the solution pump. Residual water can run out.
3. Unscrew the drain pump cover anti-clockwise and pull it out.



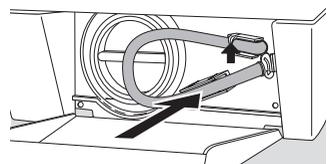
4. Remove any foreign bodies from the pump housing.



5. Replace the cover. Insert the webs on the cover laterally into the guide slots and screw the cover firmly into place clockwise.



6. Close the emergency emptying hose and place it in the holder.
7. Close the flap.



# What to do if ...

## Remedying Faults

In the event of a fault, try to solve the problem yourself with the aid of the information provided here. If you call Customer Service to deal with one of the faults listed here or to remedy an operating fault, the customer service technician's visit will not be free of charge, even during the warranty period.

- If the fault code **E 1** or **E2** appears in the multi-display, you may be able to remedy the fault yourself (see the fault table below). After remedying the fault, press the button **START/PAUSE (MARCHE/PAUSE)**. If the fault code is displayed again, please inform the Customer Service. TEMPS RESTANT 
- In the case of all other displayed faults (**E** and number or letter), please inform the Customer Service and state the fault code.

| Problem  | Possible Cause  | Remedy  |
|--|---|---|
| The washing machine does not work.                   | The mains plug is not plugged in.   | Plug in the mains plug.   |
|  | The fuse of the building's wiring is not in order.                        | Replace the fuse.   |
|  | The filling door is not correctly closed.                                 | Close the filling door; The lock must engage audibly.   |
|  | The <b>START/PAUSE (MARCHE/PAUSE)</b> button was not pressed long enough. | Press the <b>START/PAUSE (MARCHE/PAUSE)</b> button until the program starts.                          |
| The filling door cannot be closed.                   | The child safety feature is set.  | Cancel the child safety feature (see Section "Child Safety Feature").                                 |
| Water is not running. Error code <b>E 1</b> appears. | Water valve closed.   | Open the water valve.   |
|  | Filter in screw connection of the intake hose blocked.                    | Close the water valve. Unscrew the hose from the tap, remove the sieve and clean under running water. |
|  | Water valve. is blocked with limescale or is faulty.                      | Check water valve. and have it repaired if necessary.   |

| Problem   | Possible Cause   | Remedy   |
|---|--|--|
| <p>The washing machine vibrates during operation or it is on an uneven surface.</p> | <p>The transport packaging has not been removed.</p>   | <p>Remove transport packaging according to the installation and connection instructions.</p>   |
|   | <p>The height-adjustable screw feet are not correctly set.</p>   | <p>Adjust in accordance with the installation and connection instructions.</p>   |
|   | <p>There is not much washing in the drum (e.g. only one dressing gown).</p>  | <p>This does not impair the function.</p>  |
|   | <p>The water could not be completely pumped off before spinning because the drainage hose is bent or the solution pump is blocked.</p> | <p>Check the laying of the drainage hose and eliminate the bend if necessary, or clean the solution pump and, if required, remove foreign bodies from the pump housing.</p>    |
| <p>The washing solution of the main wash froths up a lot.</p>                       | <p>Probably too much detergent was used.</p>   | <p>Meter the detergent exactly in accordance with the manufacturer's information.</p>  |
| <p>Water is flowing out from beneath the washing machine .</p>                      | <p>The screw connection on the intake hose is leaky.</p>   | <p>Tighten the intake hose screw connection.</p>   |
|   | <p>The drainage hose is leaky.</p>   | <p>Check the drainage hose and replace it if necessary.</p>  |
|   | <p>The washing solution pump cover is not correctly closed.</p>  | <p>Close cover correctly.</p>  |
|   | <p>Washing in caught in the filling door.</p>  | <p>Abort the program, remove washing from the door and start a new program.</p>  |
|   | <p>The emergency drain hose is not properly shut off or it is not water-tight.</p>   | <p>Shut the emergency drain hose off properly (see section "Performing an Emergency Drain"). Call your after-sales service if the emergency drain hose is not water-tight.</p> |

| Problem  | Possible Cause   | Remedy   |
|--|--|--|
| The drain pump for the washing machine runs constantly - even when the appliance is switched off.  | The Aqua Control anti-flood system has been activated.   | Turn off the tap, then remove the plug from the mains and inform Customer Service.   |
| Conditioner was not washed in, compartment  for care agents is filled with water.     | Softener insert in the compartment for care agent is not correctly attached or is blocked.               | Clean the detergent drawer and firmly attach the softener insert.  |
| Washing heavily creased.   | Probably too much washing put in.  | Pay attention to the maximum filling quantity (see Program tables). Select the program EASY IRON (SANS REPASSAGE) for easy-care fabrics. |
| Washing not well spun. Residual water still visible in the drum. Error code  appears. | Drainage hose bent.  | Remove the bend.   |
|  | The maximum pump height (discharge height 1 m from the positioned surface of the appliance) is exceeded. | Contact your customer service. For pumping heights over 1m he can offer you a conversion kit as a special accessory.                     |
|  | Solution pump blocked.   | Switch off the unit and pull out the mains plug. Clean the solution pump.  |
|  | If a siphon is connected: Siphon blocked.  | Clean the siphon.  |
| The filling door cannot be opened with the unit switched on.   | The door is locked for safety reasons (the DOOR (PORTE) display is not illuminated).                     | Wait until DOOR (PORTE) is illuminated in green.   |
|  | The program saving function is set.  | Cancel the program saving function (see "Program Saving").   |
|  | The washing machine is in the stand-by mode.   | Press DOOR (PORTE) button again.   |

| Problem  | Possible Cause   | Remedy   |
|--|--|--|
| Remnants of detergent are building up in the detergent drawer.   | Water valve not fully opened.  | Open the water valve fully.  |
|  | Filter in the screw connection of the intake hose on the water valve or on the unit is blocked.        | Close the water valve. Unscrew the intake hose from the water tap and from the unit. Clean the filter. |
| The rinsing water is murky.  | The cause is probably a detergent with a high silicate content.  | No negative influence on the rinsing result, possibly use liquid detergent.                            |
| No illumination when pressing an additional program.   | The selected additional program cannot be combined with the set program.                               | Make another selection.  |
| Only the END (FIN) control panel label is illuminated.   | The washing machine is in the stand-by mode.   | Press any button.  |
| Only the RUN TIME (TEMPS RESTANT) control panel is illuminated, a number between 1 and 19 is shown in the RUN TIME (TEMPS RESTANT) display . | The start time preselection is counting, the washing machine is in the stand-by mode.                  | If you press any button the machine will leave the stand-by mode.                                      |
| The program sequence indicator flashes constantly.   | Program saving switched on; the program selector was accidentally readjusted during the washing cycle. | Turn the program selector back to the original position (see "Program Saving").                        |

## **If the washing result is not satisfactory**

### **If the washing is grey and limescale forms in the drum**

- Not enough washing detergent added.
- The right washing detergent was not used.
- Special types of stain were not pretreated.
- Program or temperature incorrectly set.
- If binary washing detergents were used, the individual components were not added in the correct ratio.

### **If there are still grey stains on the washing**

- Washing contaminated with creams, grease or oils was washing with too little detergent.
- Washing at too low temperature.
- A frequent cause is that conditioner – particularly concentrated form, ended up on the washing. Wash out such stains as quickly as possible and carefully use the right conditioner.

### **If foam is still visible after the final rinse**

- Modern washing detergents can still produce foam, even in the final rinse. The washing is still sufficiently rinsed.

### **If there are white residues on the washing**

- These are the insoluble components of modern detergents. They are not the result of an insufficient rinsing effect. Shake or brush off the washing. Perhaps in future you should turn the washing before washing it. Check the choice of detergent and use a liquid detergent if necessary.

## Carry Out an Emergency Emptying Operation

- When the washing machine no longer pumps off the washing solution, an emergency emptying operation must be carried out.
- When the washing machine is in a room where there is a frost risk, an emergency emptying operation must be carried out when there is a frost risk.

Also: Unscrew the intake hose from the water tap and lay it on the floor. Empty the drainage hose.

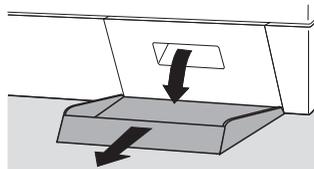


**Warning!** Switch off the washing machine before carrying out an emergency emptying operation and pull out the mains plug.

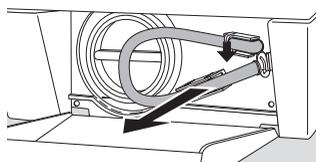
**Caution!** The washing solution running out of the emergency emptying hose can be hot. Risk of scalding! Allow the washing solution to cool down before carrying out emergency emptying.

 **1.** Provide a flat collecting vessel to catch the washing solution as it runs out.

**2.** Open the flap downwards in the right part of the base panel and pull it off.



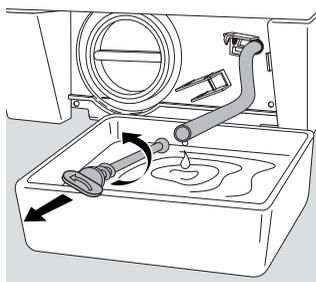
**3.** Remove the emergency emptying hose from the holder.



**4.** Place the collecting vessel underneath.

**5.** Release and pull out the plug of the emergency emptying hose by turning it anticlockwise.

The washing solution drains off. Depending on the amount of solution, it may be necessary to empty the collecting vessel several times. To do this, temporarily close the emergency emptying hose again with the plug.



**When all the washing solution has drained off:**

6. Firmly push the plug into the emergency emptying hose and turn it tight clockwise.
7. Put the emergency emptying hose back into the holder.
8. Insert the flap into the base panel and close.

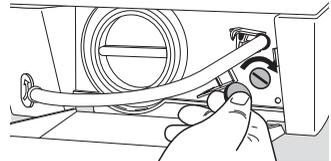
**Emergency Unlocking of the Filling Door**

When the filling door can no longer be opened, it can be opened with the aid of the emergency unlocking facility.



**Warning!** Switch off the washing machine before operating the emergency unlocking and remove the plug from the mains!

1. If you can see water in the viewing window of the filling door, first carry out an emergency emptying operation (see Section "Carry out an emergency emptying operation").
2. Open the flap downwards in the right part of the base panel.
3. Turn the rotary knob clockwise with the aid of a coin. The filling door springs open.

**Additional Rinse (RINSE+)**

The washing machine is set for extremely economical water consumption. However, for persons who suffer from allergies, it can be helpful to rinse with more water.



When this function is set, an additional rinse is performed with the programs COTTONS/LINEN (BLANC/COULEURS), EASY-CARES/EASY IRON (MIXTES/SANS REPASSAGE) and DELICATES (DELICAT). No additional rinse is set when the unit is delivered.

**Set Additional Rinse:**

1. Turn the program selector to SHORT SPIN (ESSORAGE DELICAT).
2. Keep the button SOAKING (TREMPAGE) for at least 5 seconds. After the button has been pressed for 5 seconds, RINSE+ (RINCAGE+) flashes on the program sequence display for 5 seconds.

3. While RINSE+ (RINCAGE+) is flashing, release the button SOAKING (TREMPAGE).

After the flashing stops, the additional rinse is set. It is set until it is canceled again.

When the additional rinse is set, the indicator RINSE+ (RINCAGE+) lights up on the program sequence display before the program start and during the additional rinse.

4. If you want to check whether the additional rinse is set:
  - Turn the program selector to SHORT SPIN (ESSORAGE DELICAT).
  - Briefly press the button SOAKING (TREMPAGE).

The additional rinse is set if RINSE+ (RINCAGE+) flashes on the program sequence display.

#### **Cancel Additional Rinse:**

-  1. Turn the program selector to SHORT SPIN (ESSORAGE DELICAT).
2. Keep the button SOAKING (TREMPAGE) pressed for at least 5 seconds. As soon as the button is pressed, RINSE+ (RINCAGE+) flashes on the program sequence display. After 5 seconds, RINSE+ (RINCAGE+) stops flashing and lights up constantly for a further 5 seconds.
3. While RINSE+ (RINCAGE+) lights up constantly, release the button SOAKING (TREMPAGE). After RINSE+ (RINCAGE+) has stopped lighting up, the additional rinse is cancelled.



An additional rinse increases water consumption and the program run time.

## **Solution Cooling**

It may be necessary to cool down the washing solution before pumping off in order to avoid thermal damage to plastic drainage pipes.



The washing solution is cooled down at the end of the main washing cycle before pumping off (by incoming cold water). (This setting is only effective for COTTONS/LINEN (BLANC/COULEURS) at temperatures of over 40 °C.)  
No solution cooling is set when the unit is delivered.

### Set the Solution Cooling:

1. Turn the program selector to SHORT SPIN (ESSORAGE DELICAT).
2. Keep the button PRE WASH (PRELAV.) pressed for at least 5 seconds. After the button has been pressed for 5 seconds, MAIN WASH (LAVAGE) flashes on the program sequence display for 5 seconds.
3. While MAIN WASH (LAVAGE) is flashing, release the button PRE WASH (PRELAV.).  
After the flashing has stopped, the solution cooling is set. It is set until it is cancelled again.
4. If you want to check whether the solution cooling is set:
  - Turn the program selector to SHORT SPIN (ESSORAGE DELICAT).
  - Briefly press the button PRE WASH (PRELAV.).If MAIN WASH (LAVAGE) flashes on the program sequence display, the solution cooling is set.

### Cancel the Solution Cooling:

1. Turn the program selector to SHORT SPIN (ESSORAGE DELICAT).
2. Keep the button PRE WASH (PRELAV.) pressed for at least 5 seconds. As soon as the button is pressed, MAIN WASH (LAVAGE) flashes on the program sequence display. After 5 seconds, MAIN WASH (LAVAGE) stops flashing and lights up constantly for 5 seconds.
3. While MAIN WASH (LAVAGE) lights up constantly, release the button PRE WASH (PRELAV.). After MAIN WASH (LAVAGE) has stopped lighting up, the solution cooling is cancelled.



The solution cooling increases water consumption and the program run time.

## Additional Rinse and Solution Cooling

You can combine the additional rinse and the solution cooling. Setting as under "Additional Rinse" and "Solution Cooling".

## Program Saving

To protect a program setting against unwanted changes (e. g. turning the program selector, pressing auxiliary buttons etc.), you can set the program saving function. This prevents damage to your washing.

-  Setting and cancelling the program saving function is possible at any time during a program.

### Setting the Program Saving Function:

-  1. Set the required washing program.
- 2. To start the program, press the START/PAUSE (MARCHE/ PAUSE) button.
- 3. Simultaneously keep the PRE WASH (PRELAV.) button and the SOAKING (TREMPAGE) button pressed for 5 seconds. The program sequence display flashes for 5 seconds; The program saving function is set.

-  You cannot make any other settings as long as the program saving function is set. The door cannot be opened with the DOOR/LIGHT PORTE/LUMIERE) button. Even after the washing cycle has ended, you must first cancel the program saving function before you can open the door.

If an attempt is made during the washing cycle to change the selected setting by pressing a button, the program sequence display flashes for 5 seconds.

If an attempt is made to change the selected setting by turning the program selector, the program sequence display flashes until the original position of the program selector is restored. The washing cycle is not influenced in either case.

-  The program selector must be in its original position before you can cancel the program saving function.

### Canceling the Program Saving Function:

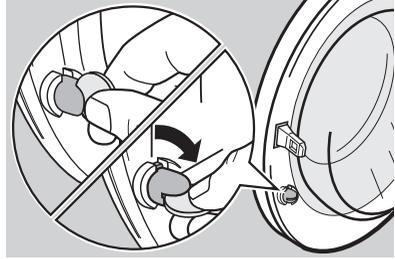
-  Simultaneously keep the PRE WASH (PRELAV.) button and the SOAKING (TREMPAGE) button pressed for 5 seconds. The program sequence display flashes for 5 seconds, then it lights up constantly for 5 seconds. The program saving function is cancelled.

## Child Safety Feature

When the child safety feature is used, the filling door can no longer be closed and no more washing programs can be started.

### Setting the Child Safety Feature:

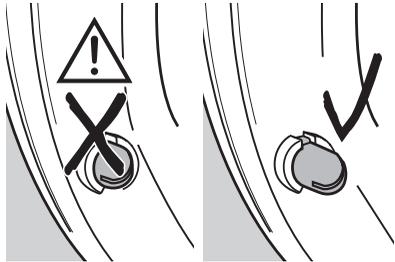
- ☞ Use a coin to turn the rotary knob (on the inside of the filling door) clockwise as far as it will go.



**Warning!** The rotary knob must not be pressed in following adjustment, otherwise the child safety feature is not active. The rotary knob must project as shown in the diagram.

### Cancelling the Child Safety Feature:

- ☞ Turn the rotary knob anticlockwise as far as it will go.



# SETTING UP AND CONNECTION INSTRUCTIONS

## Safety Instructions for Installation

- Do not tilt the washing machine onto its front or onto its right side (looking from the front). Electrical components could get wet!
- Check the washing machine for transport damage. Never connect a damaged unit. Consult your supplier in the event of damage.
- Ensure that all parts of the transport safeguard have been removed and that the splash guard is fitted to the unit, see "Removing the Transport Safeguard". Otherwise, damage to the unit or to adjacent furniture could occur during spinning.
- Always insert the plug into a correctly installed PE socket.
- In the case of permanent installation: A permanent installation may only be made by an authorised specialist.
- Before putting the unit into operation, ensure that the rated voltage and current type shown on the unit's rating plate are the same as the mains voltage and current type at the installation location. The required electrical fuse is also shown on the rating plate.
- The mains cable may only be replaced by the Customer Service or by an authorised specialist.

# Setting Up the Unit



Washing machines with curved panels are **not suitable for substructures**.

## Transporting the Unit

- Do not place the washing machine on its front side or on its right side (looking from the front). Otherwise the electrical components can get wet.
- Never transport the unit without using the transport safeguard. Do not remove the transport safeguard until you reach the installation site. Transporting the unit without the transport safeguard can result in damage to the unit.
- Never lift the unit by the open filling door or by its base.

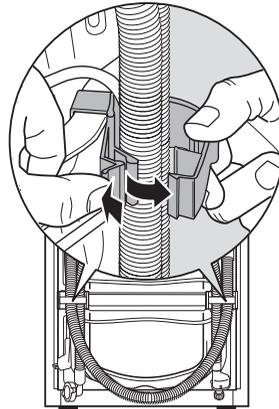
### When transporting the unit with a sack trolley:

- Attach the sack trolley only at the side. The scoop of the sack trolley must not be longer than 24cm, otherwise the float switch can be destroyed.

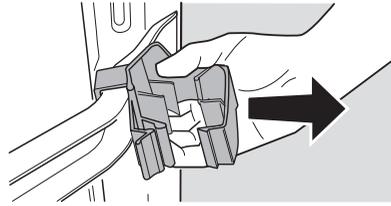
## Remove the Transport Safeguard

**Attention!** It is essential to remove the transport safeguard before putting the unit into operation! Keep all parts of the transport safeguard in a safe place for possible later transport (moving house).

1. Open both hose holders on the rear of the unit and remove the hoses and the mains cable.

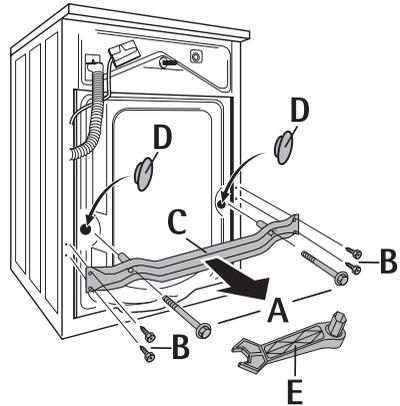


2. Firmly pull both hose holders off the unit.



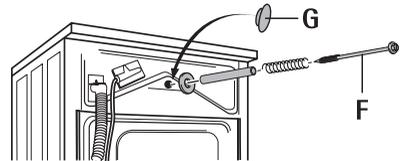
**i** The special button E and the plug caps D (2 ea.) and G (1 ea.) are supplied with the unit.

3. Unscrew the two screws A using the special button E.
4. Unscrew the four screws B using the special button E.
5. Remove the transport rail C.
6. Screw the four screws B back in.
7. Close off the two large holes with the plug caps D.



**Attention!** Push in the plug caps so firmly that they engage in the rear panel (this protects the inside of the unit against splash water).

8. Remove the screw F, including the sleeve, compression spring and washer, with the special button E.
9. Close off the hole with the plug cap G.



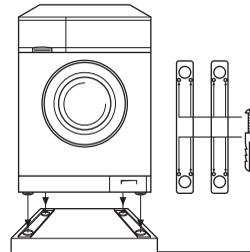
**Attention!** Push in the plug cap so firmly that it engages in the rear panel (this protects the inside of the unit against splash water).

## Prepare the Installation Location

- The installation surface must be clean, dry and free of floor wax residue and other lubricating coatings so that the unit does not slide away. Do not use any lubricants as sliding aids.
- It is not recommended to set up the washing machine on deep-pile carpets or on floor coverings with soft foam underlays, as this would mean that the stability of the unit would not be guaranteed.
- Use ordinary rubber mats as underlays in locations with small-format tiles.
- Never use wood, card or similar underlays to compensate for minor floor unevenness. Always use the adjustable screw-type feet of the machine.
- If, for reasons of space, it is not possible to avoid setting up the unit next to a gas cooker or coal stove: Insert a thermally-insulating panel between the washing machine and the cooker (85 x 57 cm). This panel must have an aluminium foil on the side against the cooker.
- The washing machine must not be set up in a room where there is a danger of frost. Frost damage!
- The intake and drainage hoses must not be bent or pinched.

## Setting Up on a Concrete Pedestal

When setting up the washing machine on a concrete pedestal, it is essential for safety reasons to fit stand plates in which the washing machine is then adjusted. The stand plates are available from the Customer Service under spare part number 645 425 058.



## Setting Up on a Vibrating floor

In the case of vibrating floors, especially wooden beam floors with flexible boards, securely screw a water-resistant wooden panel at least 15mm thick onto at least 2 of the floor beams. If possible, set up the unit in a corner of the room where the wooden floor is best firmly installed and is therefore least likely to be susceptible to vibrations.

## Compensate for Floor Unevenness

**i** **Automatic Adjustment Foot:** Your washing machine's rear left foot is of a spring leg design. This guarantees good stability of the unit, even at high spinning speeds.

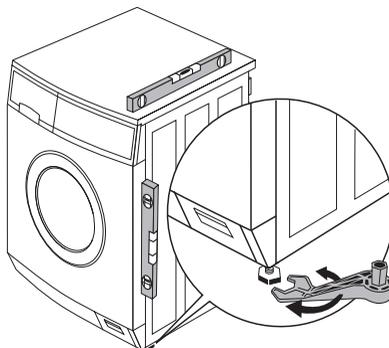
If the washing machine still does not stand firmly enough during spinning, proceed as follows:

1. Adjust the three adjustment feet to the setpoint 10 mm. To do this, use the supplied special button to remove the transport safeguard.

If the automatic adjustment foot still does not reach the floor:

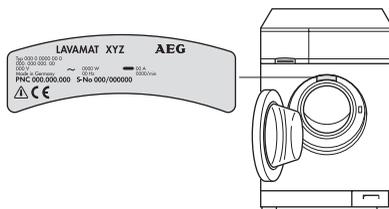
2. Manually extend the automatic adjustment foot (rear left) by the necessary amount.
3. If necessary, check the setting with a spirit level.

**Attention!** Never use wood, card or similar underlays to compensate for minor floor unevenness. Always use the adjustable screw-type feet of the machine.



## Electrical Connection

Refer to the rating plate for details of the mains voltage, current type and the necessary fuses. The rating plate is located at the top behind the filling door.



**CE** This unit conforms to the following EU directives:

- the "Low Voltage Directive" 73/23/EU with changes
- the "EMC Directive" 89/336/EEG with changes

## Water Connection



The washing machine has safety features which prevent contamination of the drinking water and which conform to the legal regulations of the water authorities (e.g. for Germany: DVGW regulations). Other protection measures in the installation are therefore not necessary.

### Attention!

- Units for connection to cold water must not be connected to hot water!
- Use only new sets of hoses for connection!

## Permissible Water Pressure

The water pressure must be at least 1 bar (= 10N/cm<sup>2</sup> = 0.1MPa), maximum 10bar (= 100N/cm<sup>2</sup> = 1MPa).

- In the case of more than 10bar: Connect a pressure-reducing valve upstream.
- In the case of less than 1bar: Unscrew the intake hose on the unit side on the inlet solenoid valve and remove the flow regulator (to do this, remove the filter with pointed pliers and remove the rubber washer behind). Replace the filter.

## Water Inflow

A pressure hose 1.5 m in length is supplied.

If a longer inflow hose is required, only a VDE-approved, complete set of hoses with fitted hose screw connections offered by our Customer Service is permissible.

- Sets of hoses in lengths of 2.2 m, 3.5 m and 5 m are available for washing machines without Aqua-Control.
- Sets of hoses in lengths of 2.0 m, 2.9 m and 3.9 m are available for washing machines with Aqua-Control.

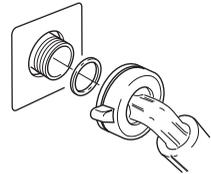
**Attention!** Never cut into pieces in order to extend the hoses!



Sealing rings are supplied either in the plastic nuts of the hose screw connection or in the enclosed pack. Do not use other seals!

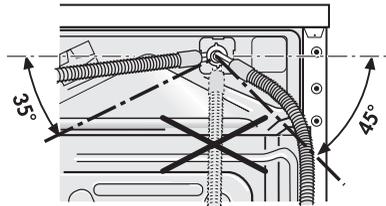


1. Connect the hose with the angled connection to the machine.



### Attention!

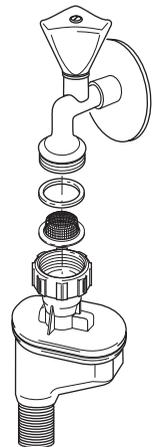
- Do not lay the supply hose vertically downwards. Rather, turn it to the right or left as shown in the diagram.
- Only tighten the screw connection manually.



2. Connect the hose with the straight connection to a water tap with a screw thread of R 3/4 (inches).

**Attention!** Only tighten the screw connection manually.

3. By slowly opening the water tap before putting the washing machine into operation, check whether the connection is free of leaks.



## Water Drainage

The drainage hose can either be connected to a siphon or hung in a wash basin or bath tub.

Only original hoses may be used for extension purposes (max. 3m on the floor and then up to 80cm high). The Customer Service stocks hoses in lengths of 2.7 and 4m.

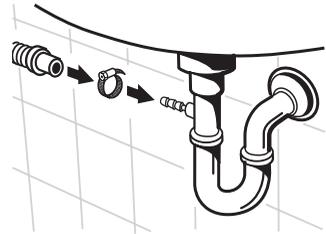
**Attention!** It is absolutely essential to install the drainage hose free of pinches.

### Water Drainage into a Siphon

The grommet on the end of the hose fits all commonly used siphon types.



Secure the grommet/siphon connecting point with a hose clamp.



### Draining the water into a basin

#### Attention!

– Small basins are not suitable for draining the water into them. Water could overflow!

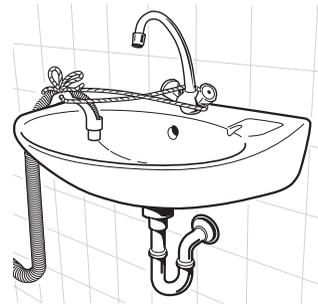
– It is not permitted to submerge the end of the drainage hose into the pumped-off water. Water could be sucked up into the hose!



– When hooked into a wash-basin or a bath tub the drainage hose must be protected from slipping out of place by the supplied slip-on elbow. Otherwise the repelling power of the draining water can press the hose out of the sink.



Fix the elbow to the water tap or to the wall with string.



## Delivery Heads over 1 m

To pump off the washing / rinsing agent, every washing machine has a pump which transports liquids via the drainage hose up to a height of 1 m, calculated from the machine's floor.

For delivery heads over 1 m, consult the Customer Service.

## Technical Data

Height adjustment

Approx. +10/-5 mm

Filling quantity  
(program-dependent)

max. 5 kg

Use

Domestic

Drum speed, spin

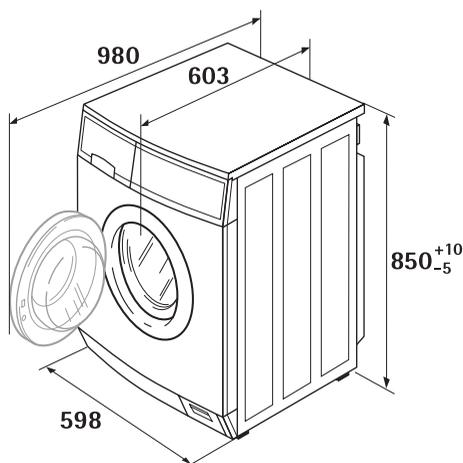
see rating plate

Water pressure

1-10 bar

(=10-100 N/cm<sup>2</sup> = 0.1-1.0 MPa)

## Dimensions



(Measurements in mm)



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