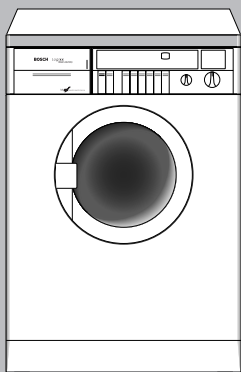


Logixx
Wash and Dry



GB Instruction Manual
and Installation
Instructions

BOSCH



Internet:
[http://www.
bosch-hausgeraete.de](http://www.bosch-hausgeraete.de)

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Notes on disposal

Packaging of new appliance

- ! Dispose of packaging material properly. Packaging material is not a toy for children.

All packaging material used is environmentally friendly and re-usable. The cardboard boxes consist of 80% to 100% recycled paper.

Wooden pallets have not been treated chemically.

The plastic wrappings are of polythene (PE), the tapes are of polypropylene (PP) and the CFC-free packing is of foamed polystyrene (PS). These materials are all pure hydrocarbon compounds and can be recycled.

Reprocessing and re-using materials saves raw materials and reduces waste.

Old appliance

- ! Make the old appliance unusable: Pull the mains plug out, cut off the connecting cable, and remove it together with the mains plug.
Destroy the door lock, so that children cannot lock themselves in thus putting themselves in danger.

The old appliance contains valuable materials which should be reprocessed. Please assist with environmentally friendly disposal or reuse.

You can obtain addresses for disposal of old appliances from your local council.

In this manner you can make your contribution to environment-friendly disposal and recycling.

Notes on safety and warnings

This machine meets the relevant safety requirements.

Before starting operation please note:

- ! Read the enclosed documents carefully. They contain important information for installation, use, and safety of the appliance.
- ! Keep the documents in a safe place, so that later owners can use them.
- ! Install the appliance as described in the installation instructions. Remove and keep transit bolts.
- ! Do not connect the appliance if it has visible damage. If in doubt consult customer service or dealer.

When washing and drying please note:

- ! This appliance is only suitable for domestic purposes.
We do not recommend connecting your washing machine to an artificial water softening unit.
- ! Do not leave children unsupervised with the appliance.
- ! Keep pets away from the appliance.
- ! Caution when pumping out hot water.

After programme end please note:

- ! Do not reach into the drum while it is still revolving.
- ! After programme end switch the appliance off.
- ! Turn off the water supply.

To protect the appliance please note:

- ! Do not climb onto the appliance.
- ! Do not lean on the outer door or covering door.

During transport please note:

- ! Attach transit bolts.
- ! Caution when transporting the appliance! Do not use protruding components to lift the appliance!

Environmental protection / notes on saving

- The most economical and environment-friendly way of washing and drying is to use the maximum machine load for each function:

For washing:

Cottons / coloureds	5 kg
---------------------	------

Easy-care and wool	2 kg
--------------------	------

For drying:

Cottons / coloureds	2.5 kg
---------------------	--------

Easy-care	2 kg
-----------	------

- **How to save energy:**

Use economy wash programmes more frequently. For this purpose, select a lower temperature such as, for example, 60° instead of 90 °C for Cottons / Coloureds, or 30 or 40° for Easy-care instead of 60 °C, followed by pressing the "Super Wash" button.

The "Super Wash" programmes, while achieving cleaning results that are comparable with those of a programme using a higher temperature, utilise a longer wash cycle and substantially reduced energy consumption.

- **How to save water, energy, and detergent:**

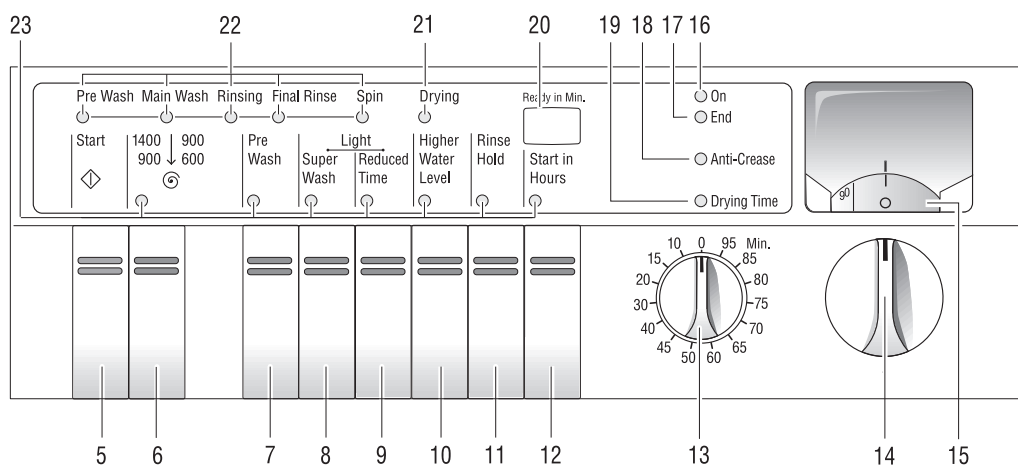
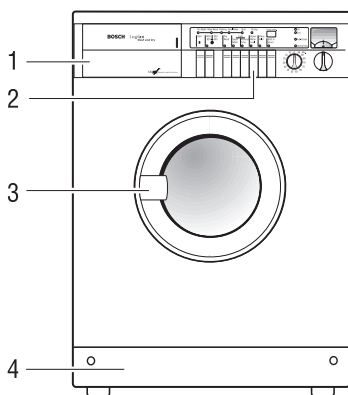
Do not Pre Wash lightly to normally soiled washing.

- **How to save detergent:**

Measure detergent quantities according to water hardness, degree of soiling, and amount of laundry, and follow instructions on the detergent package.

Getting to know the appliance

- 1 Soap dispenser
- 2 Controls
- 3 Porthole
- 4 Maintenance access panel



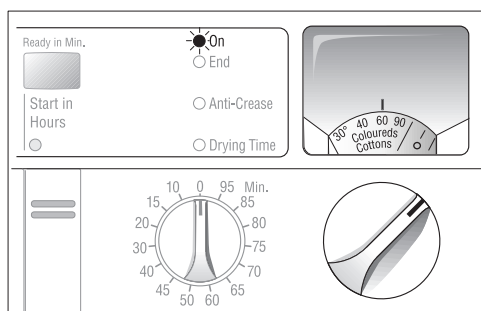
- 5 "Start" button (page 7)
- 6 - 12 Additional functions (page 8-10)
- 13 Drying time selector (page 7)
- 14 Programme selector to set programme and temperature (page 6)
- 15 Indicator for selected programme
- Control lights:
 - 16 Operating control light (will be on when machine is switched on)
 - 17 "End" control light - illuminates while the porthole is locked.
 - 18 "Anti-Crease" programme sequence indicator
 - 19 "Drying Time" control light - illuminates when a drying time has been set.
 - 20 "Start in Hours / Ready in Min." indicator
 - 21 "Drying" programme sequence indicator
 - 22 "Washing" programme sequence indicator
 - 23 Control light for additional functions

The programme selector / the programmes

The programmes are set using the programme selector which can be turned in both directions.

The programme selector must not be set to intermediate positions between the indicated programmes. By selecting a programme the unit is switched on automatically. The "On" control light illuminates.

The following basic washing, drying and special programmes are available for a variety of fabrics:



Wash programmes

- **Cottons / Coloureds 90, 60, 40, 30 °C**
For washable cotton and linen items
- **Easy-care 60, 50, 40, 30 °C**
For easy-care cotton, synthetic, and mixed fibre items, outer garments.
If low temperatures are consistently selected it is advisable to do a 90 °C programme from time to time in order to prevent detergent accumulation.
- **Woollens  40, 30, 15 °C**
For hand-washable and machine-washable wool and wool mixture items.

Special programmes

- **Programme 9 Pumping out**
To pump out rinsing water after "Rinse Hold" setting was used (see page 21).
- **Programme 8 Starching**
For cotton and linen items (see page 23).
- **Programme 7 Fluff removal**
(see page 23).

Spin programmes

- for spinning individual laundry items
- **Programme 4 Extra spin**
for cottons / coloureds
- **Programme 5 Delicate spin**
for easy-care fabrics
- **Programme 6 Short spin**
for wool

Dry programmes

- **Programme 1 Cottons / Coloureds**
white and coloured cottons and linens
- **Programme 2 Easy-care**
Easy-care (drip-dry) laundry, such as synthetics and fabric blends, as well as cotton with drip-dry finish, e.g. viscose rayon, cuprammonium rayon, modacrylic fibre and polyester
- **Programme 3 Acrylics**
Delicate programme for extremely temperature-sensitive, easy-care (drip-dry) laundry made from synthetics and fabric blends, as well as garments with foam prints, e.g. polyacrylate, polyamide, elastomer fibres and acetate.

X (Cancellation)

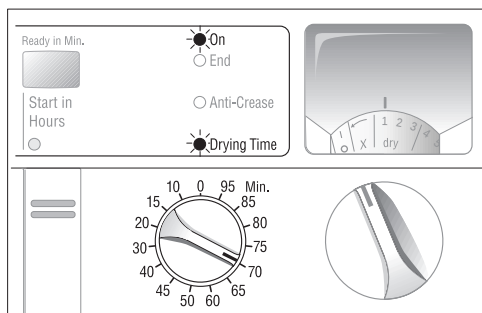
Allows you to cancel a programme which was selected incorrectly (see page 24).

The drying time selector / The start button

"Drying Time" selector

If the laundry is to be dried by means of the built-in dryer, the "Drying Time" selector must be used to select a drying time.

Although the selector can be turned in both directions, intermediate settings are not possible.



"Start" button

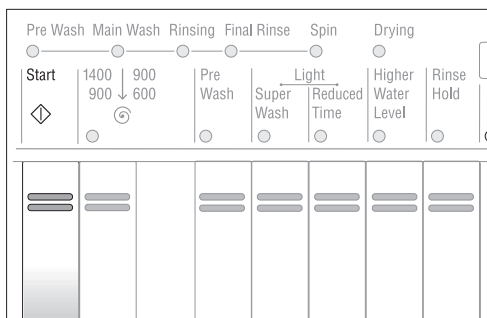
Two seconds after selecting the programme, the unit is ready to operate.

The programme can then be started with the "Start" button.

You can also use the "Start" button to start any desired programme segments.

To do so, press the "Start" button repeatedly until the control light of the desired programme sequence illuminates in the programme sequence display.

During a programme cycle, the "Start" button can be used to cause a premature termination of the indicated programme sequence.



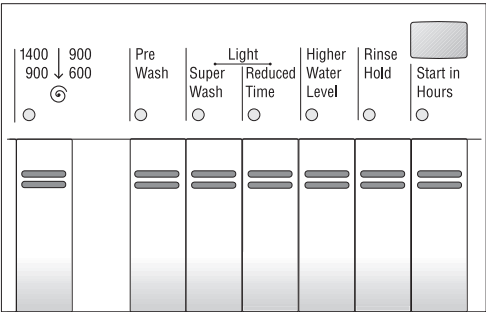
Additional functions

The basic wash programmes are designed for normally to lightly soiled domestic laundry. Additional functions for special requirements can be selected by pressing the respective function buttons. The associated control lights will illuminate.

Do not press any of the buttons while a programme is in progress, because this would cause the programme cycle to stop and re-start immediately from the beginning. In the case of drying programmes, pressing a button during the programme cycle would restart the drying cycle, resulting in an extension of drying time. This could cause overdrying of the laundry.

The various additional functions may be used in combination.

Once selected, the additional functions remain active even after the unit has been switched off and on again.



⌚ (Spin speed) button

You can use the ⌚ (Spin speed) button to select one of two available spin speeds. These speeds depend on the type of washer being used and on the currently selected programme (see table below). When washing delicate items, you can select the gentle action of the lower spin speed to protect your laundry.

Energy conservation:

If the laundry is to be dried in the unit, it is advisable to use the higher spin speed setting because laundry from which a maximum amount of water has been extracted requires significantly less energy and time for machine-drying.

Spin speeds in RPM

	Button not pressed	Button pressed
Cottons Coloureds Extra spin	1400	900
Easy-care Wool Delicate spin Short spin Starching	900	600

Additional functions

“Pre Wash” button

For heavily soiled laundry with stains and for workwear/overalls.

Put $\frac{1}{4}$ cup of the detergent in chamber I.

Please note:

The Wollens programme has no prewash cycle to prevent damage to the fibres.

“Super Wash” button

When pressed, the duration of the “Main Wash” will be increased. Normally soiled laundry can then be washed at a lower temperature without compromising the wash performance. for example, white cottons can be washed at 60 °C instead of at 95 °C, coloured cottons at 40 °C instead of at 60 °C. Using the “Super Wash” button can **cut energy consumption by up to 40%**. When a “Pre Wash” is also selected, cold water will be used for this.

The “Super Wash” button may also be used for heavily soiled laundry. This will be washed more intensively using the usual programme and temperature, but will take approx. 20 minutes longer.

“Reduced Time” button

All programmes can be shortened by pressing the “Reduced Time” button.

When this button is pressed, all programme cycles (washing, rinsing, spinning) will be shortened. The total length of the programme will be reduced by up to 55 % (see programme chart).

The shortened programmes are particularly suitable for small loads of lightly soiled laundry, e.g. guest towels, clothes worn for a short time etc. As a general rule these programmes should be run without prewash.

“Super Wash” + “Reduced Time”

Programmes for lightly soiled laundry

Time can be saved when washing lightly to normally soiled laundry without stains, i.e.

normal household laundry by pressing the “Super Wash” and the “Reduced Time” programme buttons before starting the wash.

Compared with a normal wash time a saving of approx. 30 minutes can be achieved.

“Higher Water Level” button

Pressing this button activates the following functions:

Programme Function	A	B	C
	Cottons/ Colours	Easy-care	Wool
Water level for washing increased	●	●	
Water level for rinsing increased	●		
Additional rinse cycle		●	●
Spin cycle after pre-wash omitted	●	●	
Rinse spin omitted		●	●
Gentle wash		●	
Anti-Crease Off		●	
Lower drying temperature when machine-drying		●	

You do not have to press this button if you have selected the machine washable wool programme. This programme washes and rinses automatically with High Water Levels.

Additional functions

"Rinse Hold" button

You can choose whether you want your laundry spun automatically at the end of a programme or whether you want it to remain in the final rinse.

a) **Button not pressed:**

The laundry is spun automatically at the end of the programme.

b) **Button pressed:**

The laundry remains in the final rinse (rinse hold).

"Start in Hours" button

You may delay the start time by up to 19 hours:

- ◆ Press the "Start in Hours" button.

The display light comes on, 1 hour is shown in the display.

Each time the button is pressed, the start time delay is extended by an additional hour.

or

- ◆ Hold the "Start in Hours" button down until the number of hours by which the programme is to be delayed is displayed.

A flashing light indicates that "Start in Hours" has been selected.

When the selected time has elapsed, the programme will begin.

The time delay setting can be changed:

- ◆ Hold the "Start in Hours" button down until the number of hours by which the programme is to be delayed is displayed.

Switching off the time delay:

- ◆ Press and hold the "Start in Hours" button until the display has advanced beyond "19". The time delay indicator extinguishes.

Prolonged pressing of the button again causes counting from "1" upward.

Opening the door while a time delay is set:

The door can be opened, e. g. to add more washing.

To cancel the time delay

- ◆ Press the "Start" button.

The soap dispenser

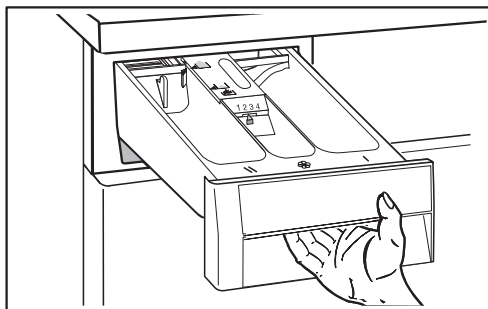
- ◆ Pull the soap dispenser out as far as possible.

Fill detergent or conditioner in chamber I, II or ☸:

Chamber I: Detergent for prewash, soaking agent

Chamber II: Detergent for main wash, starching agent

Chamber ☸ Additives for last rinse, e.g. fabric conditioner

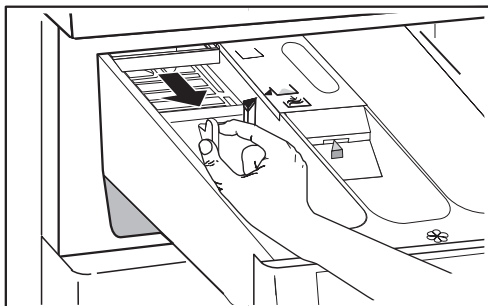


The insert in chamber II can be moved to suit the various types and amounts of detergent.

If you use compact or ultra detergents e.g. concentrated detergent:

- ◆ pull the insert forward.

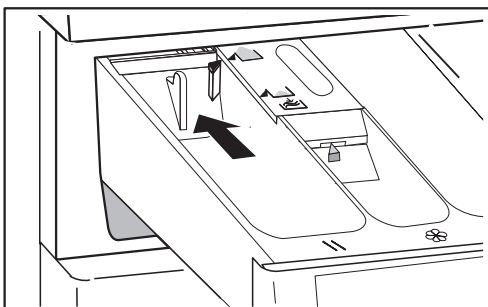
The arrow on the insert points to 



If you use conventional detergent:

- ◆ push the insert fully to the rear.

The arrow on the insert points to 

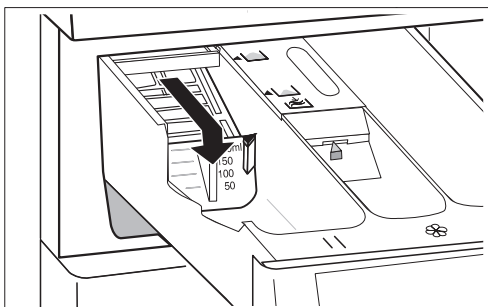


If you use liquid detergent:

- ◆ pull the insert as far as possible forward and press it down.

The arrow on the insert points to 

The scale on the insert assists with dosage of liquid detergent.



Note: With the delayed start feature, use a dosage container for liquid detergent and place it in the drum with the washing (see page 13).

Detergent

You can use all standard powder and liquid detergents which are suitable for automatic washing machines.

- ! Never use solvent-based cleaning agents in fully automatic washing machines! Risk of severe damage!
- ! Do not use washing performance enhancer sprays containing solvents or dirt and stain removers near the machine. The spray could damage the machine.
- ! Store detergents and additives out of the reach of children.

Detergent quantity

Only correct dosage produces good washing results. Follow instructions on the detergent packaging.

With liquid detergents use the liquid insert in the soap dispenser. Or use dosage aids, e.g. dosage balls or bags which are provided with the detergent.

The detergent quantity depends on:

- the water hardness
- the degree of soiling
- the amount of washing
- the dosage information for the respective detergent.

The detergent quantities indicated on the packets refer to full machine loads.

With less laundry or if the laundry is only lightly soiled, reduce the quantity of detergent.

Insufficient detergent will not be noticed until the laundry has been washed repeatedly with too little detergent:

- The washing becomes grey or is not clean.
- Grey-brown spots may form on the washing.
- The heating elements may be covered in lime scale.

Excessive detergent causes:

- unnecessary strain on the environment
- formation of too much foam, resulting in poor washing results.

Degrees of soiling and examples:

– lightly soiled

No actual soiling or stains visible. Clothes may well have absorbed body odour.

- light summer or sports clothing that has only be worn for a few hours
- T-shirts, shirts, blouses that have been worn for up to one day
- bed linen, guest towels that have been used for one night

– normally soiled

Visible soiling and/or a few small stains*.

- T-shirts, shirts, blouses that have been soaked in perspiration or worn several times
- underwear that has been worn for one day
- tea towels, hand towels, bed linen that have been used for up to one week
- curtains (not discoloured by nicotine) that have been hanging for up to 6 months.

– heavily soiled

Visible soiling and/or stains*.

- kitchen towels that have been used for up to one week
- cloth serviettes
- babies' bibs
- children's outer clothing that has been stained by grass or soil
- football jersey and shorts that have been stained by grass or soil
- tennis clothing with stains from playing surface (red ash, etc.)
- working clothes that are normally washed at home, such as boiler suits, overalls, etc.

* Typical stains

- skin grease, cooking oils/fats, gravy, sauces, mineral oil, waxes (containing fats or oils)
- tea, coffee, red wine, soft fruits, vegetables (respond to bleaching agents)
- blood, egg, milk, starch (containing proteins/carbohydrates)
- soot, soil, sand (pigments)

Hints

Liquid detergents and start time delay

("Start in Hours" see page 10).

With time delay selection use a dosage container for liquid detergents, e.g. a ball, otherwise the liquid detergent will run slowly out of the soap dispenser and congeal. If this happens repeatedly, detergent deposits can cause blockages and a nasty smell.

Take dosage container out of the drum at the end of the programme.

Water softeners

Special water softening agents are available for hard water areas. Follow instructions for use on the package. Always put the detergent into the chamber first, then the softener into the same chamber. The detergent is then utilised more efficiently. However, provided the correct amount of detergent is used, there is normally no need to use a separate water softening agent.

Soaking agents

Put soaking agent into chamber **I** of the soap dispenser. Select **soak** programme (see page 23).

Fabric conditioners

Put fabric conditioner into chamber **II**. Do not exceed "max" marking or the conditioner will run into the machine together with the detergent at the start of the programme. To prevent blockage of the overflow, dilute thick conditioner with water before putting it into the chamber. Avoid formation of lumps.

Starching

Pour into chamber **II** of the soap dispenser. Select **starching** programme (see page 23).

Bleaching agents

Do not use neat liquid bleach in this machine.

Preparing the laundry

Sorting the laundry

- ◆ Sort the laundry according to the care symbols on the labels.

! Woollen or rich-wool knitwear must be identified with the  symbol or labelled with "does not felt", "non-felting", "machine-washable", otherwise there is a risk of felting!

Only items marked with the following care symbols are suitable for washing in the machine:

Cottons 

Coloureds



Easy-care



Delicates



Hand-washable and machine-washable woollens



Laundry which is marked with the following care symbols must not be washed in the machine:

Do not wash



- ◆ Sort the the laundry by colour.

Wash white and coloured items separately, otherwise white washing turns grey.

! Do not wash new coloured items together with other washing. Risk of discolouration!

- ◆ Sort the laundry with due consideration for maximum loads, Do not overload the washing machine as this leads to poor washing results.

Maximum loads:

Cottons / coloureds	5 kg
Easy-care, delicates, wool	2 kg

Practical tips

- ◆ Remove foreign material and metal objects, e.g. safety pins, paper clips, from the laundry.
- ◆ Brush sand out of pockets, cuffs and turn-ups.
- ◆ Close zips and duvet covers.
- ◆ Remove curtain runners or tie them in a laundry net or a bag.
- ◆ Particularly fragile items, e.g. tights and curtains, and small items, e.g. small socks, and handkerchiefs, should be washed in a laundry net or a pillowcase.
- ◆ Turn trousers and knitted items, including items such as knitwear and underwear, T-shirts and sweatshirts inside out.
- ◆ Make sure that wire-cup bras are machine-washable.
- ! Wire-cup bras should be washed in a pillowcase as the wire may work its way out of the cup, fall through the holes in the drum and cause damage to the machine.

Removing stains

If possible, stains should be removed immediately before they have time to set, or else they should at least be pretreated. Try to remove the stain first with soap and water, dabbing the material rather than rubbing.

More stubborn, dried-in stains may sometimes require several washes before they can be removed completely.

Preparing the laundry

Sorting the laundry

- ◆ Sort the laundry according to the care symbols on the labels.

Use the unit to machine-dry only laundry that is labelled "dryer-safe", or that is identified by the following care symbols:

 = Dry at normal temperature.

 = Dry at low temperature.
(Gentle drying)

! **Do not** tumble dry the following garments in this machine:

- Laundry that is identified with the following care symbol:

 = Do not dry in a tumble dryer.

- Woollens or any fabrics containing wool.

They may shrink or felt.

- Delicate fabrics (silk, synthetic curtains).

They may crease.

- Garments containing foam rubber or similar materials.

- Garments which have been treated with inflammable solvents (stain remover etc)

They may cause an explosion.

- Garments which have traces of hairspray, deodorant spray on them. **Gases may form.**

- Very wet laundry. **Waste of energy.**

- ◆ When sorting the laundry, keep the maximum machine load in mind. Do not overload the washer/dryer.

Maximum laundry loads:

Cottons / coloureds **2.5 kg**
Easy-care **2 kg**

Energy conservation:

It is advisable to wash cottons / coloureds always in full machine loads (5 kg), subsequently making smaller loads for drying.

Practical tips

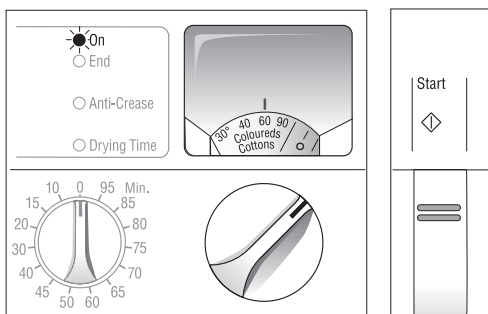
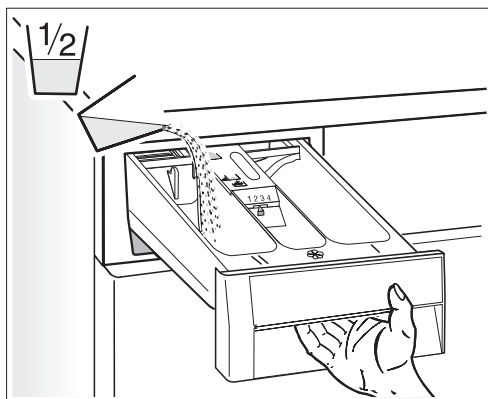
- ◆ Only use the drying facility for laundry which has been washed, rinsed and spun.
- ◆ Easy-care laundry should have been spun at the relevant speed (see programme chart) before being tumble dried.
- ◆ For best results, sort the washing according to fibre type and desired level of dryness.
- ◆ Take delicate laundry out of the machine whilst it is still slightly damp. Let it briefly dry out in the air as overdrying in the tumble dryer may cause creasing.
- ◆ It is not necessary to iron the laundry immediately after drying. We recommend that before ironing items are folded or rolled up so that residual moisture can spread evenly through the laundry.

First operation

First wash (no laundry in the machine)

The first wash should be carried out without any laundry in the machine to remove residual water left from testing the machine in the factory.

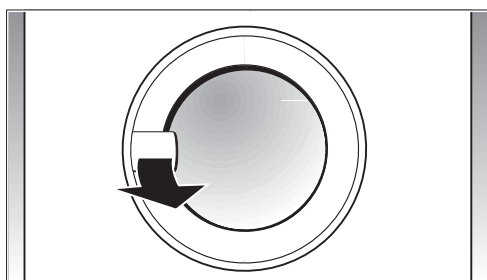
1. Check that the transit bolts have been removed from the back of the unit (see installation instructions).
2. Open the water tap.
3. Pull the soap dispenser out as far as possible.
4. Put half a measuring cup of normal detergent in chamber **II**. Do not use mild detergent or detergent for woollens as these produce excessive foam.
5. Set the programme selector to the required programme, e.g. **Cottons / Coloureds 60 °C**.
6. Press the "Start" button
7. When the programme has ended, set the programme selector to the **○** position.



Opening the porthole / loading the machine

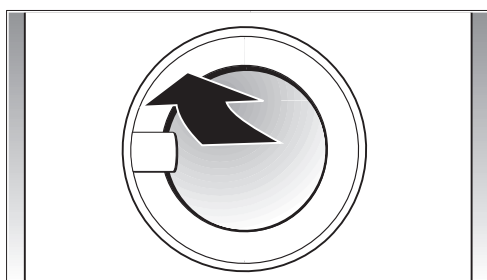
Opening the porthole

- ◆ Pull the opening handle on the porthole forwards.



Loading the machine

- ! Items which have been pretreated with solvent-based cleaning agents, e.g. stain removers, petroleum ether, must be allowed to dry in the open before washing. **Risk of explosion!**
 - ! Before loading the machine, ensure that no foreign matter or pets are in the drum.
1. Place the laundry loosely and unfolded in the drum. Mix large and small items. Please observe the maximum drum loads for the different wash programmes (pages 14 and 15).
 2. Ensure that no items of laundry are jammed between the door and the rubber seal.
 3. Close the porthole by pressing it shut until it engages audibly.



Measuring and filling detergent

see pages 11 and 13.

Opening the water tap

The water tap must remain open also during the drying cycle because cooling water is required.

Setting a wash programme

Your washer/dryer provides you with three washing modes:

- Washing only
- Drying only
- Continuous washing and drying cycle

Setting a wash programme

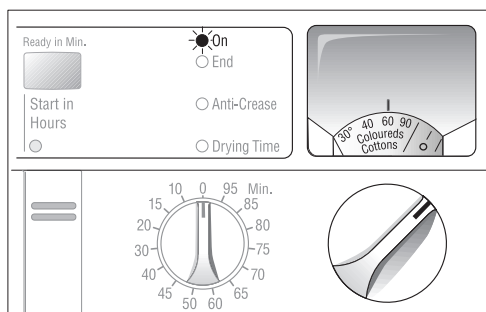
- ◆ Set the programme selector to the required programme, e.g. **Cottons / Coloureds 60 °C**.

This switches the unit on. The "On" light illuminates.

You can select additional functions to cope with special situations.

- The drying time selector must be set to the **0** position.

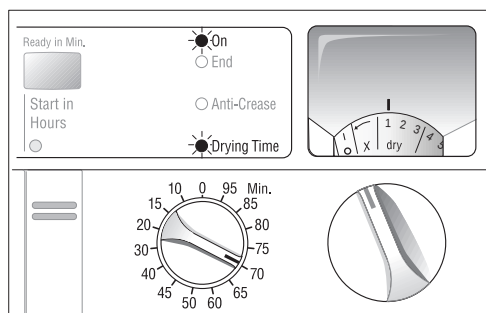
... continue with "Start", page 20.



Setting the drying time programme

- ◆ Set the programme selector to the desired programme, e.g. **dry 1**. This switches the unit on. The "On" light illuminates. To remind you that a drying time must still be set, the "Drying time" control light flashes.
- ◆ Set the drying time selector to the desired drying time.

... continue with "Start", page 20.



Recommended drying times (minutes):

	Degree of dryness	
	closet-dry	iron-damp
2,5 kg Cottons/coloureds	75	60
2 kg Easy-care	70	45
2 kg Acrylics	65	45

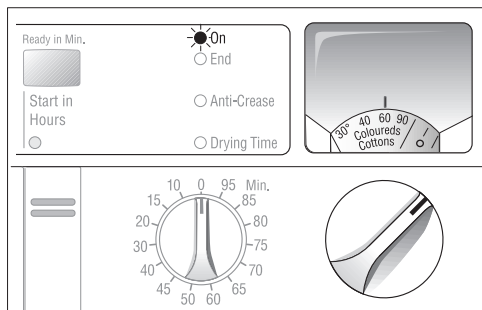
Set shorter drying times for smaller laundry loads. To prevent overdrying of laundry which would cause it to shrink or crinkle, avoid selecting excessively long drying times. In addition, overdrying would consume energy unnecessarily.

Note: Warm laundry appears more damp to the touch than cold laundry. This can easily lead to misjudgements.

Setting a wash programme

Selecting a continuous washing / drying programme

1. When washing cottons/coloureds, use maximum loads of 2.5 kg.
2. Set the programme selector to the desired programme, e.g. **Cottons / Coloureds 60 °C**. This switches the unit on. The "On" light illuminates.
3. Select additional functions as required.



4. Set the drying time selector to the desired drying time.

Setting a drying time automatically adds a drying programme to the active wash and spin programme, taking into account the type of laundry being washed.

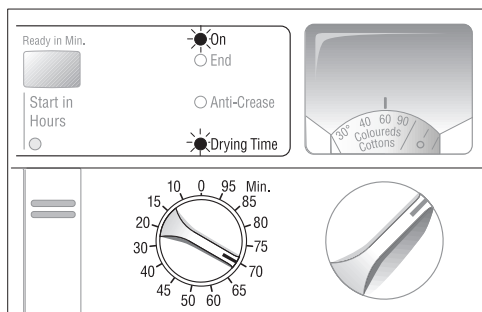
At the start of the drying cycle, the "Start in Hours / Ready in Min." display indicates the number of minutes of drying time remaining in the programme cycle.

To protect the laundry in the case of wool programmes, erroneously selecting a drying time will not cause a drying cycle to be added to the wash programme.

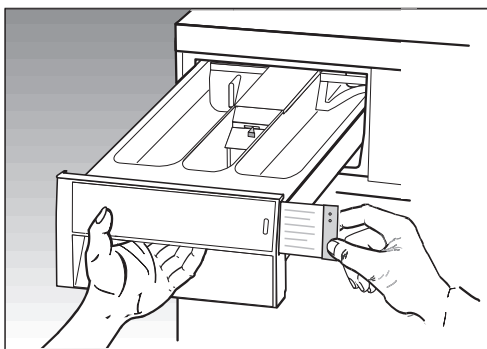
When washing temperature-sensitive fabrics:

- ◆ Press the "Higher Water Level" button.

This causes the drying temperature to be lowered in the Easy-care programme (drying of acrylics), and the Anti-Crease function to be switched off.



Tip: a summary of programmes and additional buttons can be found in the slot in the soap dispenser.



Starting a programme / Programme sequence

Approximately two seconds after selecting the programme, the unit is ready to start.

◆ Check that the door is properly closed.
If the door is not shut properly a safety device prevents the machine from operating.

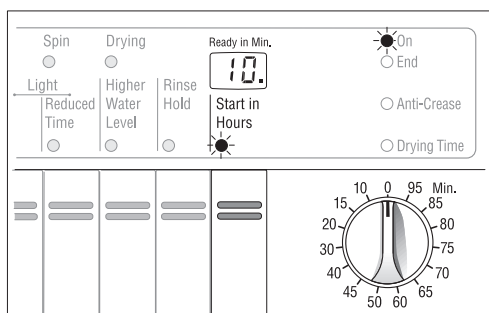
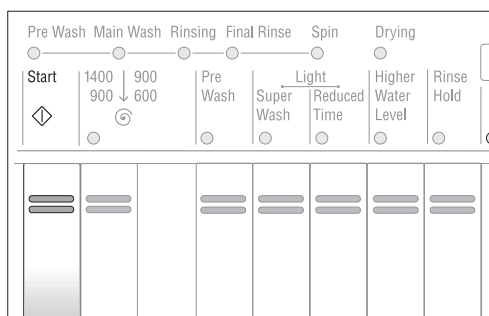
◆ Press the "Start" button.

The control light of the first programme segment of the selected programme illuminates in the programme sequence display. In the case of drying programmes, locking the loading door causes the number of minutes of drying time remaining in the programme cycle to be indicated in the "Start in Hours / Ready in Min." display.

– or –

if the start time is to be delayed:

◆ Hold the "Start in Hours" button down until the number of hours by which the start is to be delayed is displayed.

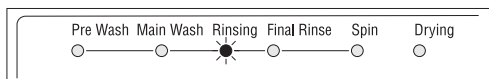


Changing the programme

see page 24.

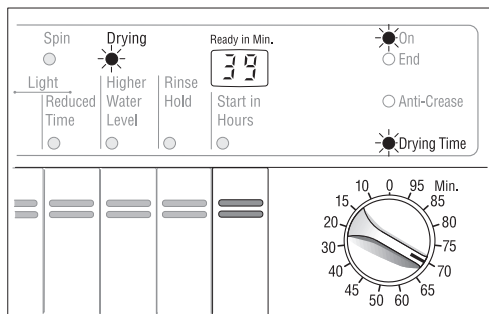
Programme sequence

During washing, the lights in the programme sequence display show the programme status, e.g. Rinsing.



Drying programme sequence

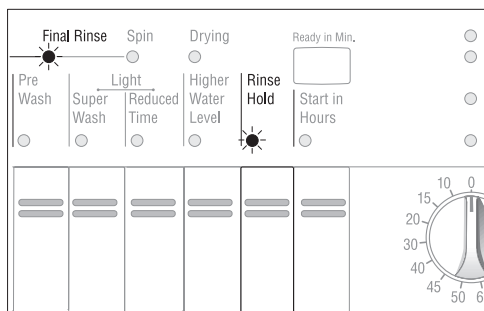
During the drying cycle the "Drying" control light in the programme sequence display illuminates. The "Start in Hours / Ready in Min." display indicates the time remaining in the drying cycle.



Ending the programmes with rinse hold

If you have selected the "Rinse Hold" additional function, the laundry is in the last rinsing water.

The control light for Final Rinse in the programme sequence display illuminates. The porthole cannot be opened until the laundry has been spun or the rinsing water has been pumped out.

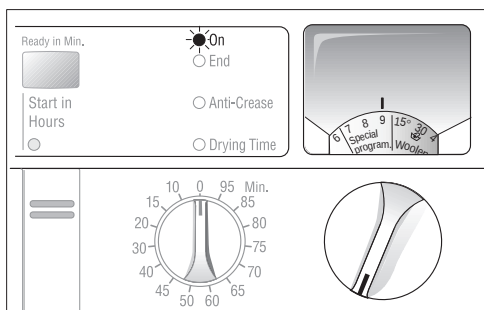
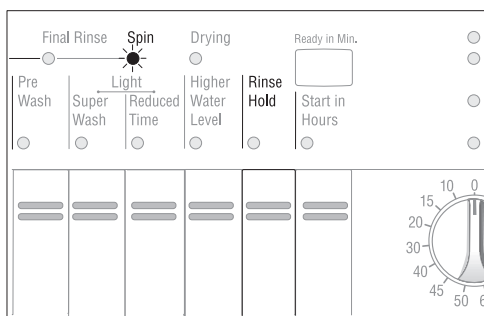


There are two ways to end the programme:

- The laundry is to be spun:
- ◆ To switch off the "Rinse Hold" function, press the "Rinse Hold" button. The water is pumped out and the laundry is spun.

– or –

- The laundry is to be removed after pumping:
- ◆ Set the programme selector to **9**.
The rinsing water is pumped out.



Programme end / switching the machine off

End of programme

The Anti-Crease function is automatically added to the end of all Cotton / Coloureds programmes, to the Easy-care programmes operating without the "Higher Water Level" additional function, and to all drying programmes.

To prevent the formation of permanent creases in the damp, warm laundry, the load is shifted in regular intervals for up to 30 minutes after the end of a programme.

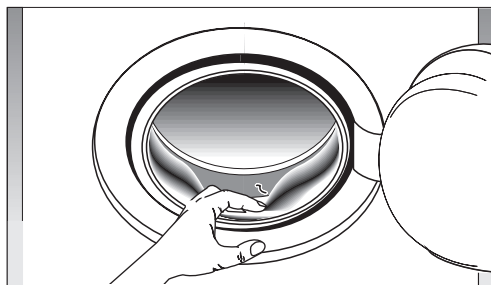
- The "Anti-Crease" control light illuminates.
- ◆ To remove the laundry, press the "Start" button. The Anti-Crease cycle is stopped.

- The "End" control light flashes.
- When it stops flashing, the porthole can be opened. Do not press the "Start" button, because this would restart the programme cycle.

! Remove any foreign matter (e.g. paper clips) from the drum and the rubber seal!

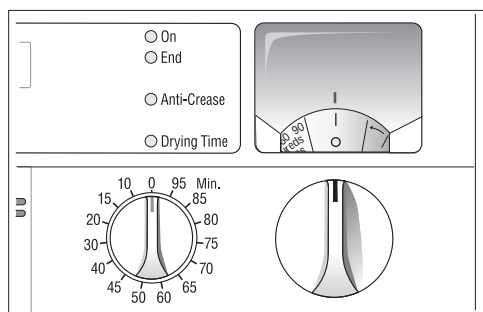
Risk of rusting!

- ◆ After drying strongly linting laundry, remove all fluff from the rubber door seal.
- ◆ Leave the porthole slightly open so that the machine can dry out.



Switching the machine off

1. Set the programme selector to the **0** position. The "On" control light extinguishes.
2. Set the drying time selector to the **0** position.
3. Turn off the water tap.



Special programmes

Soaking

1. Only put items of the same colour into the drum.
2. Put detergent for soaking in chamber **I**. Follow the manufacturer's instructions on the package.
Note: If the soaking suds are to be retained for the main wash programme, a detergent suitable for drum-type washers must be used. (Risk of excessive foam formation!)
3. Set programme selector to **Easy-care 30** or **40**.
4. Press the "Pre Wash" and "Higher Water Level" buttons.
5. Press the "Start" button.
6. After approx. 15 minutes, set the programme selector to **X** and wait until the "End" control light illuminates or flashes. Now set programme selector to **O** and allow laundry to soak in suds as long as desired.

! Note: After one minute the loading door is unlocked. Suds may exit upon opening!

To end the soaking programme:

- Select spin programme suitable for your fabric. To avoid heavy foaming choose a wash programme with prewash after the spin cycle but **do not** put any detergent into compartment I.
- If the laundry is to be washed in the soaking water: Press the prewash button to return it to its original position; set the programme selector to the desired programme and start it without adding further detergent.

Starting a wash programme automatically after soaking

You can utilise the delayed start time function to effect the automatic termination of the soaking cycle.

7. Dependent upon the fabrics being washed, choose a wash programme with prewash, but **do not** fill any detergent into chamber I of the soap dispenser.
8. Use the "Start in Hours" button to set the desired soak time.

Starching

Do not use fabric conditioner before starching

1. Dissolve starching agent in water. Follow the manufacturer's instructions on the package.
2. Set programme selector to **8**.
3. Press the "Start" button.
The "Final Rinse" control light illuminates in the programme sequence display.
4. When the water runs in, pull the soap dispenser out slightly and pour starching agent in chamber II.
5. Close soap dispenser.

The starching programme takes approx.

25 minutes and ends with a short, gentle spin at 800 r.p.m.

If the laundry is to be removed dripping wet, press the "Rinse Hold" button prior to starting the starching programme.

If the laundry is to be dried in the washer/dryer subsequent to the starching cycle, add approx. 30 to 50 % more starch, and select the "Extra spin" programme with the maximum spin speed to attain the highest degree of water extraction.

Fluff removal (after the drying programme)

Garments fluff as a result of ordinary wear and this fluff comes off during the drying process, some of which may remain in the machine. Please remove any fluff deposited on the rubber gasket. Normally, fluff which may be in the machine is washed away during the next wash. However, we recommend that you run a self-cleaning programme after every drying programme as follows:

6. Remove the laundry, but do not add detergent.
7. Turn the programme selector to **7**.
8. Press "Start" button.
The machine will do a rinse cycle and then a spin cycle thereby removing any fluff deposited in the machine.

Special programmes / changing a programme

Additional rinsing

You can do an additional rinse with spin in this machine.

The LED "Final Rinse" indicates the last rinse cycle for all wash programmes.

For an additional rinse cycle turn the programme selector to this symbol in the appropriate programme (white and coloured cottons, easy-care or wool). To override the main wash and preliminary rinse cycles, press the "Start" button several times until the LED "Final Rinse" lights up and water runs into the machine.

Dyeing

Your washing machine offers only limited possibilities for dyeing.

Please use only environmentally friendly dyeing agents. Follow the manufacturer's instructions on application and suitability for washing machines.

Therefore, after each dyeing, run a 90 °C wash programme without laundry. Put $\frac{1}{2}$ a measuring cup of normal detergent in chamber II.

! Caution: Laundry which is washed in the machine after a dyeing programme may discolour as dye deposits may be left in the machine.

Bleaching

Do not bleach in this machine.

Changing a programme

If an incorrect programme has been set and started, it is possible to change it as follows:

1. Set the programme selector approx. 2 seconds to **X**. The "End" control light illuminates. The suds are not pumped out.
2. Set the programme selector to the new programme.
After approx. 2 seconds the unit is ready to start.
3. Press the "Start" button.

Changing the programme sequence

Interrupting the main wash

Press "Start" button once. The main wash is stopped and depending on the programme selected, a cooling down phase starts or the suds are pumped out.

Interrupting the final spin

Press "Start" button once. The final spin is stopped – the programme ends or, the Anti-Crease cycle begins if a programme with Anti-Crease cycle was selected.

Changing the drying time

Set the drying time selector to the desired time.

During the drying cycle, drying time can only be shortened. Extending the drying time is possible only after New selection:

1. Set the programme selector to **X**.
2. Set the programme selector to the desired drying programme.
3. Set the "Drying Time" selector to the new drying time.
4. Press the "Start" button.

Stopping the drying cycle

Press the "Start" button once. This starts the cooling-down phase. The "Drying" and "Anti-Crease" control lights illuminate. The remaining drying time is indicated as 5 minutes.

In order for both the laundry and the machine to cool down, the cooling-down phase should not be interrupted.

Cleaning the machine

! Do not use solvents! Solvents can damage components of the machine, produce poisonous vapours, and may cause an explosion!

! Do not spray the machine with a water jet!

Use a damp or a standard solvent-free, non-scouring cleaning agent to clean housing and fascia.

Descaling the machine

Descaling is normally not necessary if the correct amount of detergent has been used.

! Descaling agents contain acids which can corrode components of the machine and cause discolouration of washing.

If you wish to descale anyway, follow the manufacturer's instructions for application.

Cleaning the drum

Rust, caused by metal objects which were not removed, must be removed using a chlorine-free cleaning agent. Never use steel wool!

If washing is consistently carried out at low temperatures it is advisable to carry out a 90 °C cycle from time to time in order to prevent detergent accumulation.

Please ensure that the door gasket is wiped dry after use.

Water inlet hose

To avoid the risk of leakage, have the hose checked by a qualified person after approx. 5 years.

Frost protection

If the machine is in a location where there is a risk of frost, all residual water must be removed from the pump and the inlet hose immediately after use.

Draining the pump:

See "Cleaning the pump" page 27.

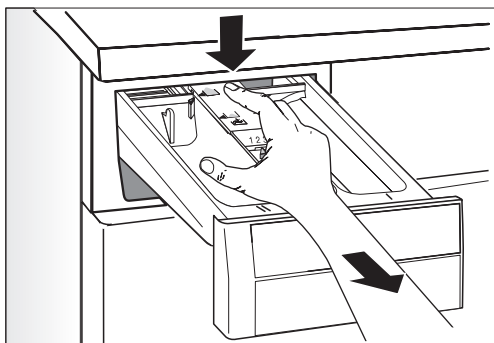
Draining the water inlet hose:

1. Turn off the water tap.
2. Detach the threaded hose coupling from the water tap and place the free end of the hose into a suitable container.
3. Activate any wash programme for approx. 40 seconds. The residual water will drain from the supply hose.
4. Set the programme selector to **X** for 2 seconds, and then to **O**.
5. Reattach the threaded hose coupling to the water tap.

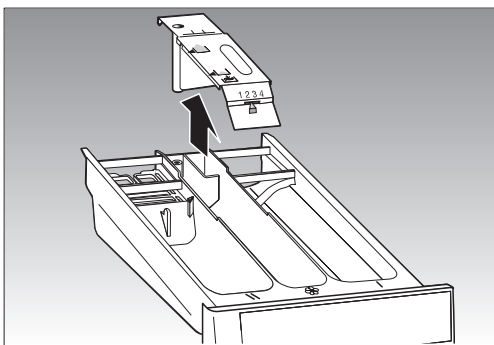
Cleaning / Maintenance

Cleaning the soap dispenser

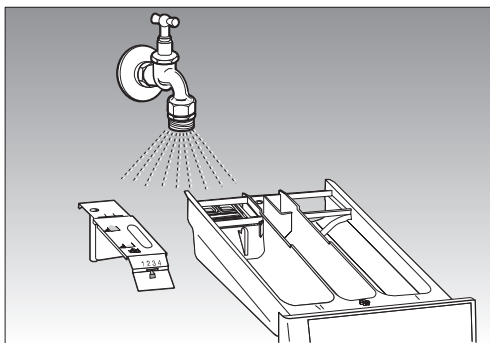
1. Pull the soap dispenser out as far as possible.
2. Press on the conditioner chamber cover, keep it pressed, and pull the soap dispenser out.



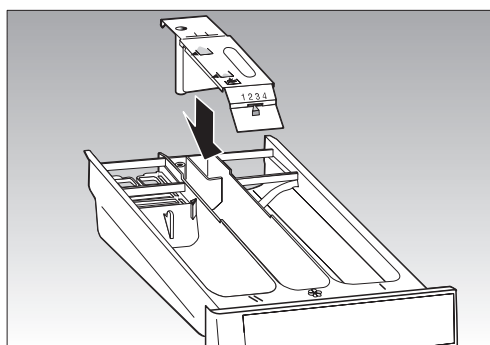
3. Remove the insert.



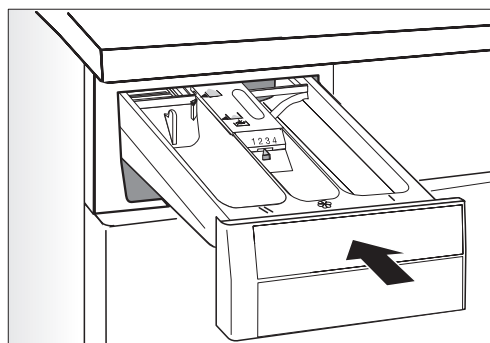
4. Clean the chambers and insert under running water.



5. Replace the soap dispenser in the unit.



6. Replace the insert in the soap dispenser.



Cleaning / Maintenance

Cleaning the suds pump

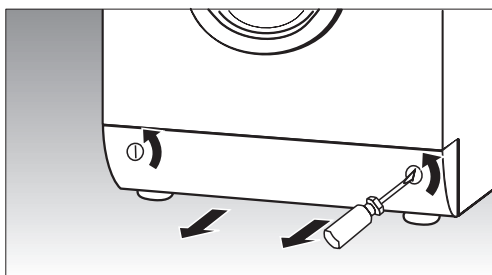
The pump has to be cleaned:

- if the pump is blocked by some foreign object such as a button or paper clip and the water cannot be pumped away.
- after washing very fluffy items.

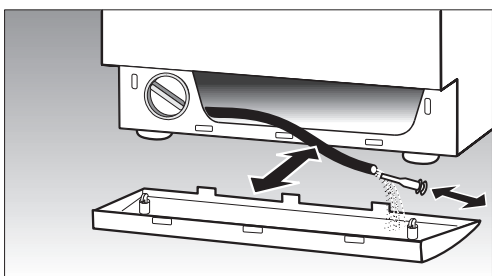
! Caution. The detergent solution may be scalding hot, so let it cool down first.

Cleaning procedure:

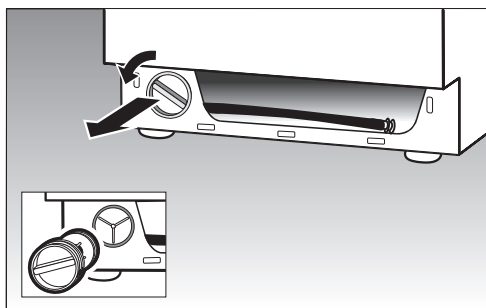
1. Remove base panel from the front of the machine. Using a coin or screwdriver, undo the fasteners holding the panel so that the slots are both horizontal. With your hands underneath the middle of the base panel, press slightly up and pull out.



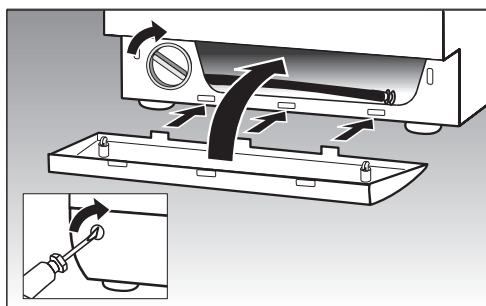
2. Remove the discharge hose, pull out the plug and let the water run out into the base panel. Repeat the operation as often as is necessary. If the pump is blocked, up to 20 liters of water may be drained, so have a bucket ready.



3. Replace the plug in the discharge hose and put the hose back in the machine.
4. Unscrew the pump cover.



5. Remove any foreign objects or fibrous deposit. Clean the inside of the pump. It must be possible to turn the pump impeller.
6. Screw the pump cover back on.
7. Replace the base panel and tighten the fasteners. The slots must now be vertical.



8. Pour approx. 2 litres water into detergent compartment **I** and run the programme **9** (Pumping out). This prevents detergent from flowing unused into the discharge system at the next wash.

Cleaning / Maintenance

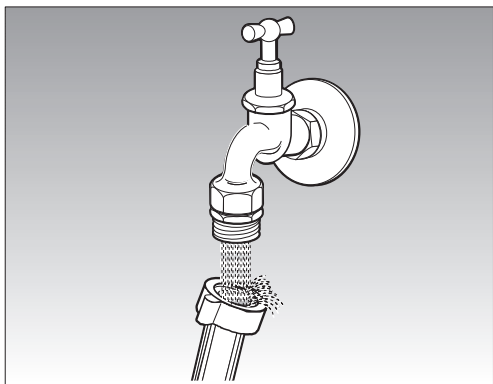
Cleaning water inlet filters

The water inlet filters must be cleaned if no water, or only an insufficient amount of water, runs into the machine when the tap is open (see section "Rectifying minor malfunctions yourself").

The filters are located in the screw-type hose connections at the tap and on the rear of the machine.

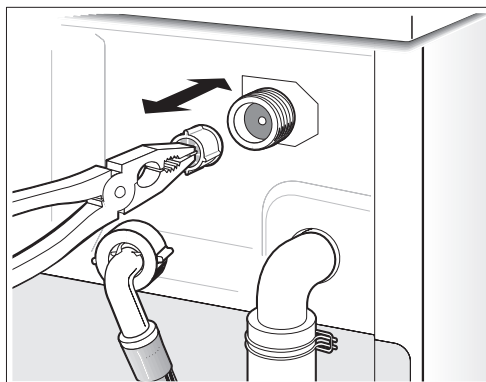
Cleaning procedure:

1. Close the water tap.
2. Switch the unit on. Set the programme selector to a desired wash programme and press the "Start" button. After approx. 30 seconds set the programme selector first to **X**, and then to the **○** position. (Water pressure in the supply hose is relieved.)
3. Unscrew hose from tap and rinse filter under running water.



4. Reconnect hose.
5. Unscrew hose from back.

6. Use flat pliers to remove filter, clean and replace.



7. Reconnect hose.
8. Open tap and ensure that there is no water leakage.
9. Close the tap.

Rectifying minor malfunctions yourself

! Repairs to electrical units must only be carried out by qualified persons. Repairs by unqualified personnel may result in considerable damage to the machine.

Malfunctions

Indicator lights not on

Possible causes / remedial measures

- Plug is not, or only loosely inserted in the socket.
- Blown fuse.
- Electrical power failure.

Electrical power failure

If a power failure occurs or the machine stops working, emergency draining is possible (see "Cleaning the pump", page 27), in order to allow removal of laundry.

Washing process does not start

- "Start" button not pressed.
- "Start in Hours" selected.

Detergent not washed out of chamber I

"Pre Wash" not pressed.

Detergent residues in soap dispenser

- Damp or lumpy detergent.
Use dosage instructions for liquid and concentrated detergents.
Dry soap dispenser before pouring in detergent (cleaning see page 26)
- Insert for liquid detergent pressed down. Move insert to position for washing powder (see page 11).

Water not visible when washing

No malfunction! The water is in the machine below the visible level.

Poor washing results

Degree of soiling higher than normal.
Change type and dosage of detergent.
Select maximum permissible temperature for fabric type.
Select more powerful wash programme.

Detergent residues on laundry

This is not due to poor rinsing performance of your washing machine, but is caused by certain phosphate-free detergents which tend to deposit light-coloured insoluble spots on the laundry.

Remedy: dry and brush off or repeat complete rinsing immediately. Possibly change detergent.

Grey residues on laundry

The normal dosage of detergent is sometimes insufficient to remove soiling caused by ointments, grease, and oils. Increase dosage next time. Remedy: select maximum permissible temperature for fabric type.

Grey stains on laundry

These stains could be caused by cosmetics or hair spray etc. which came into contact with the clothes before it was put into the machine. Remedy: some stains can be washed out after soaking in liquid detergent.

Rectifying minor malfunctions yourself

Foam comes out of the soap dispenser	Set the programme selector to the Off position to switch machine off for approx. 5–10 minutes. Put a dessert spoon of fabric conditioner mixed with 1/2 litre water into the soap dispenser. Adjust detergent dosage for next wash. Machine is attached to a domestic water softening unit. Reconnect cold water inlet hose to direct cold water mains supply.
Foam is visible after last rinse	Certain detergents tend to produce more foam. This has no influence on the rinsing result.
Motor noise	No malfunction! Operating noises can occur in the starting phase of the drive motor.
Pump noise	No malfunction! The noises when the pump starts and “sucks dry” are normal.
Vibrations when washing and spinning	– Transit bolts were not removed. Follow notes in installation instructions! – Feet of machine were not secured when machine was installed. Realign machine using spirit level, secure feet of machine according to installation instructions.
The laundry has not been spun	Large items of laundry have bunched and are not evenly distributed in the drum. The high speed final spin is stopped automatically. Always mix larger and smaller items of laundry.
Extended programme time	– Due to excessive foam the foam recognition system has activated an additional rinse and an additional spin, to improve the rinsing result. – If there is a serious imbalance during spin, the programme may be extended due to repeated redistribution of laundry. Remedy: wash large and small items together to improve balance.
Porthole cannot be opened. The “Anti-Crease” light is on.	Programme is currently in Anti-crease phase: Press the “Start” button once. After approx. 1 minute the “End” control light extinguishes. The porthole can be opened.
Porthole cannot be opened. The “End” light is on	– “Rinse Hold” selected (see page 21). – Too much foam in the machine. Solution: Wait until the foam disappears, select programme 9 (Pumping out).
Porthole cannot be opened. The “End” light is flashing	The programme has ended, the porthole is still locked The porthole can be opened: – when the “End” light is off. – after switching off (wait approx. 2 minutes).
The dryer does not function	– No drying programme has been selected. – No drying programme or too short a drying programme was selected. – Water tap was not opened. – Suds pump is blocked.

Rectifying minor malfunctions yourself

If a control light is flashing in the programme sequence indicator on the operating panel, or a light is illuminated and a number appears in the "Start in Hours / Ready in Min." display, this is an indication of either a deviation from the normal programme sequence or an operational malfunction.

If you notice one of the displays listed in the following, you can rectify the malfunction yourself.

Display		Number in the Start time display	Possible causes / Remedial action
Control lights in the programme sequence display			
Pre Wash	Drying	15	– Porthole not closed. Close porthole – programme starts immediately
Pre Wash	Anti-Crease	3	– Water tap not open. Open water tap – programme starts immediately. – Blocked inlet filters in water supply. For cleaning filters, see page .
Washing	Anti-Crease	1	– Blocked drain hose, drain pipe or suds pump. For cleaning the pump, see page 27.

If all details have been checked, set the programme selector to the **O** position. Wait 5 seconds, and proceed by again selecting and starting the initially selected programme. If the control lights again flash or illuminate, this indicates an operating malfunction which requires customer service.

Customer service must also be notified when the following displays are noted:

Display		Number in the Start time display	Possible causes
Control lights in the programme sequence display			
Rinsing	Drying	2	– Water in the bottom pan. (Applies only to units featuring Aqua-Stop.) The unit is leaking. Close the water tap!
Final Rinse	Drying	4	– Defective heater. Switch unit off!

Customer service

◆ Before calling customer service, please check whether you can rectify the malfunction yourself (see section "Rectifying minor malfunctions yourself").

! If only consultation is necessary, costs arise for the specialist's visit, even during the guarantee period.

If you cannot rectify a malfunction yourself, switch the unit off, remove the mains plug, shut the tap, and call customer service.

You can find the nearest customer service in the supplied directory.

Please inform customer service of the product number (E-Nr.) and the production number (FD) of the unit. This information is on the type plate on the frame of the door (open) and on the identification plate on the rear of the unit, with a thick line around it.

Note the numbers of your unit here

E-Nr. _____	FD _____
--------------------	-----------------

Product number Production number

Please help to avoid unnecessary journeys by giving the product number and the production number. You thus save associated extra costs.

Consumption data

! Actual consumption figures can vary from the details quoted here as they depend upon water pressure, hardness and inlet temperature, temperature of room where machine is sited, type and amount of laundry, detergent that is used, fluctuations in mains voltage and the number of additional functions selected.

Normal programme (with no additional functions)	Size of load	Consumption data
Washing		
Cottons / Coloureds 60 °C	5.0 kg	Electricity: 0.95 kWh Water: 59l
Washing and drying		
Cotton / Coloureds 60 °C + cupboard dry	5.0 kg	Electricity: 3.95 kWh Water: 110l
Automatic washing/drying process		
Cottons / Coloureds 90 °C + cupboard dry	2.5 kg	Electricity: 3.20 kWh Water: 78l
Cottons / Coloureds 60 °C + cupboard dry	2.5 kg	Electricity: 2.40 kWh Water: 74l
Cottons / Coloureds 40 °C + cupboard dry	2.5 kg	Electricity: 2.10 kWh Water: 74l
Easy-care 40 °C + cupboard dry	2.0 kg	Electricity: 1.60 kWh Water: 85l

1) Consumption data according to EN 60 456.

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