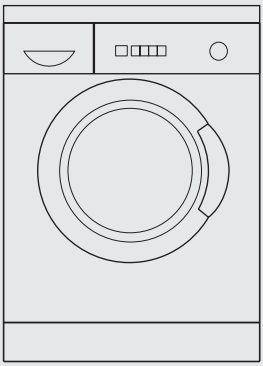
Washing Machine



en Instruction Manual and
Installation Instructions

Household Appliances

Internet: http://www.bosch-hausgeraete.de

BOSCH

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Appendix

Index 53

This instruction describes various models. Differences are indicated in the appropriate places.

Please read this instruction manual and all other information accompanying the washing machine before operating the appliance.

Please retain all documents for future reference or for a subsequent appliance owner.

Safety Instructions

General

Your washing machine is intended:

- For domestic use only.
- For washing machine-washable fabrics in washing lye.
- For operation using cold tap water and conventional laundry detergents and additives that are suitable for use in washing machines.

Safety Instructions

Never leave children unattended in the proximity of the washing machine.
Keep domestic pets away from the washing machine.
Do not insert / remove the mains plug with wet or damp hands.
Handle the plug body only when removing the plug from the socket.
Take care when draining hot washing lye.
Do not touch the loading door when washing at high temperatures.
Do not climb onto the washing machine.
Do not lean on the open washing machine door.

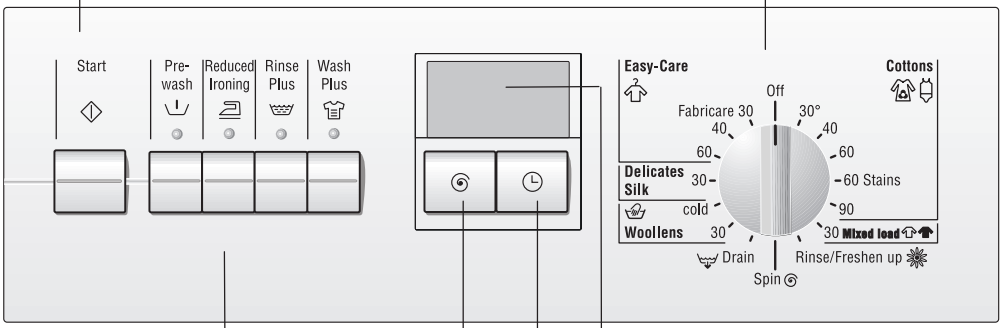
⚠ Danger of suffocation!
Keep children away from shipping carton and packaging components. Danger of suffocation from folding cartons and plastic film.

⚠ Danger of fatal injury!
On out-of service appliances, unplug mains plug. Cut off power cord and discard with mains plug.
To prevent playing children from becoming trapped and endangered, ensure that the door locking mechanism is disabled.

Control panel

Start button
For starting the wash cycle
(programme must have been selected).

Programme selector
For switching the machine on and off and for selecting the programme.
Can be rotated in either direction.
The programme selector does not rotate while the programme is running – the programme sequence is electronically controlled.



Buttons for additional options
(in addition to the programme if required)

Prewash:	actuate Prewash
Reduced Ironing:	Gentle spin
Rinse Plus:	Extra rinse cycle
Wash Plus:	Intensive wash

Additional options can be combined.

The indicator lights of the buttons come on, if the additional options are active.

Switching off the additional option: Press the button again. Indicator light goes out.

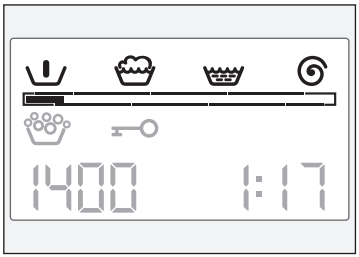
Display panel
Indicates the settings which have been selected (e.g. spin speed, time delay, childproof lock)
as well as programme progress.

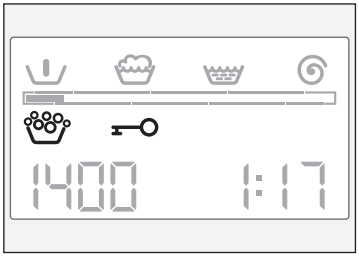
Button ⟲
Selects the spin speed or no final spin.

Button ◷
Selects the start time
(delays the start of the programme).

Display panel

Programme status display





Display		Notes
	Prewash	On if selected
	Washing	Not on if rinse, spin or drain additional programme was selected
	Rinse	Not on if spin or drain additional programme was selected
	Final spin/ Drain	Not on if a programme with the "–––" setting (without final spin) is running
	Progress bar	For the programme status
	Overdosage	On if too much detergent dispensed
	Childproof lock	On if selected
1400*	Spin speed or	Maximum spin speed of the programme or selected speed
–––*	no final spin	
1:17*	Programme duration	Expected programme duration
other displays at this location:		
1'h*	Start time	Selected start time
–0–	End of programme or	
–––	End of programme	
no	final spin or	
F02*	Fault displays	See Page 34

* Examples of the display

Programme status display

The first row of symbols and the progress bar below form the programme status display. The progress bar consists of a frame and several segments.

When the programme has been selected, the symbols for the individual programme sections are displayed.
The frame of the progress bar flashes and requests the programme to start.

When the programme has started, the almost empty bar is displayed which fills up with segments from left to right while the programme is running. The symbols indicate the programme sections which have not yet run and go out when the particular programme section has run.

At the end of the programme all symbols have gone out and the progress bar is full.

Overdosage

The automatic safety system detects excessive froth in the appliance due to a highly frothing detergent or an overdosage. At the end of the programme this is indicated in the display field by the symbol. Dispense less detergent for the next wash with similar items of washing (same degree of soiling and wash load).

Overdosage of detergent may cause excessive froth formation and impair the washing and rinsing results. A rinse cycle is automatically run.

i The symbol goes out when the appliance switches off at the end of the programme or if the programme is changed.

Childproof lock

The activated childproof lock prevents the selected programme from being changed while the programme is running.

Spin speed

The maximum spin speed is displayed depending on the selected programme and additional functions. You can reduce this speed, see page 21.

Programme duration

When the programme has been selected, the expected programme duration (time after which the programme is expected to end) is displayed.

The programme duration is displayed in hours and minutes, e.g.
1:17 – 1 hour and 17 minutes
0:35 – 35 minutes.
When the programme has started, the colon **:** flashes between hours and minutes and the programme duration counts down in minutes.

When the programme ends, the displays shows **-0-**.

i While the programme is running, the programme duration may be extended or reduced for the following reasons.

Reductions in time occur because of:
- small loads,
- reduced heating times, e.g. if the water is very hot.

Increases in time occur because of:
- Additional rinse cycle if excessive foam is in the laundry,
- Multiple spinning if the laundry is distributed poorly in the drum,
- Increased heating times, e.g. when the water is too cold,
- Water pressure too low,
- Selection of an additional option, e.g. **Rinse Plus** and/or **Wash Plus** after the programme has started,
- very absorbent washing extends the heating duration.

Start time

You can delay the start time, see page 22.

Before using your washing machine for the first time

Attention
The washing machine must have been installed and connected properly (refer to Page 42).

i The washing machine was tested before leaving the factory. To remove any water left over from testing procedures, the first washing cycle should be carried out **without** laundry in the machine.

❑ Turn the tap on.

❑ Pull out the detergent drawer all the way.

❑ Pour approx. 1 litre / 1 ¾ pt of water into chamber **II** of the detergent dispenser.

❑ Half fill the measuring beaker with detergent and pour into chamber **II**.

i Do not use any special detergents for delicates or woollens (excessive foam).

❑ Close the detergent drawer.

❑ Close the washing machine door.

❑ Set the programme selector to **Cottons 90 °C**.

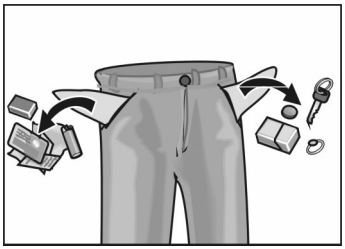
❑ Press the **Start** button.
The programme starts.

The programme ends when all symbols in the upper row of the display field go out, the progress bar is completely filled and the programme duration is on **-0-**:

❑ Turn the programme selector to **Off**.

Preparing, sorting and loading the washing

Preparing the washing



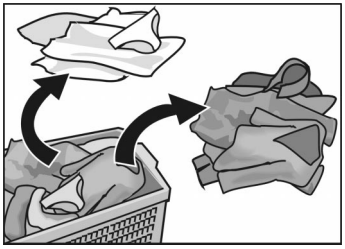
Attention
Loose debris (e.g. coins, paper clips, needles, nails) can damage items of clothing as well as parts of the washing machine (e.g. drum).

- ❑ Empty all pockets on items of clothing.
- ❑ Brush sand out of pockets and cuffs/turn-ups.
- ❑ Close zips, fasten pillow cases/cushion covers.
- ❑ Remove curtain runners or tie up in a net/bag.
- ❑ Wash in a net/cushion cover:
  - – delicates, e.g. tights, curtains,
  - – small laundry items, e.g. socks or handkerchiefs,
  - – underwired bras (underwire may become detached during washing and cause damage).
- ❑ Trousers, knitwear and knitted textiles, e.g.jersey garments, T-shirts or sweatshirts should be turned inside out.

Sorting the washing

Attention
Washing may become discoloured. Do not wash new coloured washing with other washing.

According to colour and degree of dirt



White items may become grey. Wash white and coloured items separately.

i Observe the treatment symbols on the textile labels (see also programme overview).

Degrees of dirt

lightly soiled
No visible soiling or stains. Washing has probably absorbed body odour.

normally soiled
Visible soiling and/or a few light stains.

very soiled
Visible soiling and/or stains, e.g work clothes, e.g. mechanic's overalls, baker's and butcher's clothing.

Typical stains

- Skin grease, cooking oil/fat, sauces, mineral oil, wax (containing fat/oil).
- Tea, coffee, red wine, fruit, vegetables (which can be bleached).
- Blood, egg, milk, starch (containing protein, carbohydrate).
- Soot, earth, sand (pigments), tennis clothing soiled with red clay.

Removing stains

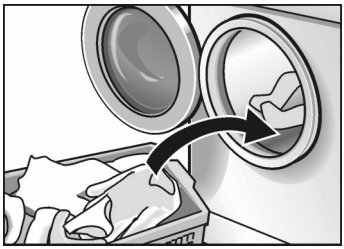
Remove/pretreat stains as soon as possible after they have occurred.

First dab with a soapy solution. Do not rub.

Then select the appropriate programme and wash the item.

Stubborn/dried in stains can sometimes only be removed by washing several times.

Loading the washing



⚠ Risk of explosion!
Items of clothing that have been pretreated with solvent-based cleaning agents, e.g. stain remover and dry cleaning spirit, represent an explosion hazard once loaded into the washing machine. Before loading the laundry, rinse thoroughly by hand.

Attention
Foreign objects in the drum may damage the laundry. Before loading the laundry, check that there is no debris in the drum.

- ❑ Open the washing machine door.
- ❑ Unfold the sorted items of clothing and place them loosely into the drum. Mix large and small items. Laundry items which vary in size are more evenly distributed during the spin cycle.
- [i] Do not exceed recommended loads (see programme overview). Overloading will cause poor wash results and encourage creasing.
- ❑ Close the washing machine door.
  Take care not to trap any items of clothing between the loading door and rubber seal.

Detergents and cleaning products

Dosing detergent

⚠ Risk of poisoning!
Keep detergents and additives out of the reach of children.

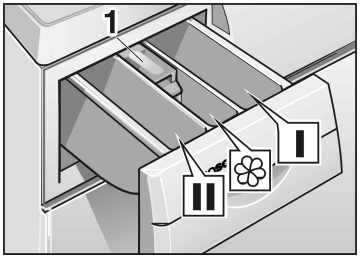
Dose detergent according to
- the water hardness. You can find out the water hardness from your water utility company.
- the amount of laundry.
- the degree of soiling.
- the specifications of the detergent manufacturer.

Pour liquid detergent into the corresponding dispenser.

Too little detergent:
The laundry is not washed clean and eventually becomes grey and hard. Greyish-brown dots (grease spots) may stain the laundry. The heating elements are calcifying.

Too much detergent:
Environmentally incompatible, excessive foam reduces wash agitation causing poor washing and rinsing results.

Adding detergent/ cleaning product



Dispenser **I**
Detergent for prewash or starch.

Dispenser **II**
Detergent for main wash, water softener, pre-soaking agent, bleach and stain removal product.

Dispenser ❀
Cleaning product, e.g. fabric softener or fabric conditioner (do not fill above the lower edge of the insert **1**).

i Concentrated or viscous fabric softener or fabric conditioner must be diluted with a little water before tt is poured into the dispenser (prevents the overflow from becoming blocked).

Programmes and functions

Programme selector

Select the desired programme – see also programme overview.

In the **Cottons** programme the fabrics will be spun at the maximum possible spin speed.

In the **Easy-Care**, **Mixed load, Delicates/Silk** and **Woollens** programmes the washing machine spins at a low speed – for gentle treatment of delicate laundry.

i Programmes wash lightly soiled textiles in the shortest possible time. For heavily soiled textiles reduce the load or press the **Wash Plus** button!

Basic programmes

Cottons 30, 40, 60 °C
For hard-wearing textiles, e.g. made of cotton or linen.

Cottons 60 °C Stains
For stained, heavily soiled textiles, e.g. cotton or linen. Energy and water saving programme. The longer washing time in this 60 °C programme means that the cleaning effects are comparable with those of a 90 °C programme, although the power and water consumption is considerably lower.

Cottons 90 °C
Energy-intensive programme for heat-resistant textiles, e.g. made of cotton or linen.

To protect the waste-water pipes, the hot water is mixed with approx. 7 litres of cold water and cooled before being drained.

Fabricare 30 °C
For easy-care textiles, e.g. made of cotton, linen, synthetic or blended fabrics.

Easy-Care 40, 60 °C
For easy-care textiles, e.g. made of cotton, linen, synthetic or blended fabrics.

i Also suitable as **short programme**.

Mixed load 30 °C
Time-optimised programme for lightly soiled cotton textiles and easy-care textiles. Different types of washing can be washed together.
Even suitable for washing new textiles before they are worn for the first time.

i Wash white and coloured items separately. Do not wash new coloured washing with other washing.

Short washing time.

Delicates/Silk 30 °C
For delicate, washable textiles, e.g. silk, satin, synthetic materials or blended fabrics (e.g. curtains).

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

i We do not recommend washing these textiles with other rougher textiles.

No spin between the rinse cycles.

Woollens cold, 30 °C
For hand and machine washable wool or wool-rich textiles, e.g. cashmere, mohair or angora.
Also suited for hand washable silk.

Programme options

Rinse/Freshen up

Rinse cycle with subsequent spin cycle for rinsing hand-washed items or for starching.
Press **Rinse Plus** button for an additional rinse cycle.

Also suited to “Freshen up” items, that have been tucked away or stored for a period of time, to remove creases caused by folding and storage and to eliminate odours.
Use fabric conditioner for “fresh” smell.

i Do not use detergent (this is not a wash programme).

Reduced spin speed.

Spin

Spin cycle after a programme with setting “**– – –**” (without final spin) or for spinning hand-washed washing with selection of the required speed. Washing water or rinsing water is drained before the spin cycle.

Reduced spin speed.

Drain

Water is drained after a programme with the “**– – –**” (Without final spin) setting on display panel for gentle treatment of delicate laundry.

Additional option – buttons

Prewash

For very dirty, hard-wearing laundry, e.g. cotton or linen.
The washing temperature of the prewash is 30 °C.
Prewash cannot be selected for woollens programme.

i If the prewash is cancelled, the detergent solution is pumped out and the programme continues with the main wash cycle.

Reduced Ironing

Gentler reduced spin cycle with subsequent fluffing. After the spin cycle, the laundry is loose in the drum – creasing is reduced.

Rinse Plus

Additional rinsing of laundry.
Programme duration is extended accordingly.

Recommended application:
in areas with very soft water.

Wash Plus

The washing time is extended so that highly soiled washing or 6 kg of Cottons are washed more intensively.
Press the button in addition to the programme for the following combinations of load and degree of soiling:

Amount of laundry	Programme and button Wash Plus	Degree of soiling
6 kg / 13.2 lb	Cottons 30, 40, 60 ˚C	lightly to normally soiled
	Cottons 60 ˚C Stains	normally soiled with stains
	Cottons 90 ˚C	normally soiled
up to 5 kg / 11 lb	Cottons 30, 40, 60 ˚C	normally to heavily soiled
	Cottons 60 ˚C Stains	normally to heavily soiled with stains
up to 3 kg / 6.6 lb	Easy-Care 30, 40, 60 ˚C	normally to heavily soiled
	Mixed load 30 ˚C	
up to 2 kg / 4.4 lb	Delicates/Silk 30 ˚C	
	Woollens cold, 30 ˚C	

See the separate programme table for further information.

Demo programme

The demo programme intended for presentation purposes shows the sequence of the **Cottons 60 ˚C** programme with changed settings.

❑ To start the demo programme, press and hold down the **Start** button and simultaneously set the programme selector to the **Cottons 60 ˚C** programme.

The continuous demo begins.

❑ To end the programme, set the programme selector to **Off**.

Washing with standard settings

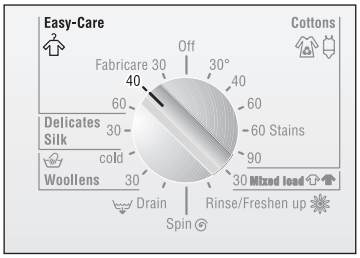
The specified standard settings are optimally adjusted to the selected programme.

If you do not want to change these standard settings:

❑ Load the laundry and close the loading door.
Do not exceed recommended loads.

❑ Turn on water tap.

Example of **Easy-Care 40 ˚C programme**:

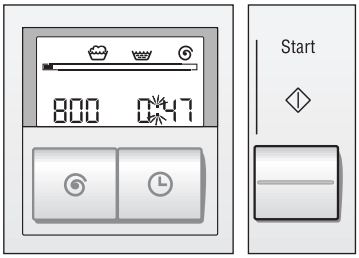


❑ Turn the programme selector to the desired programme (see also programme overview).

❑ If required, press the button(s) for additional option(s).
The indicator light of the selected button is on.

i The frame of the progress bar flashes in the display field and the following is displayed for the selected programme:

– the symbols for the programme sections,
– maximum spin speed,
– programme duration.



❑ Press the **Start** button.
The programme starts.

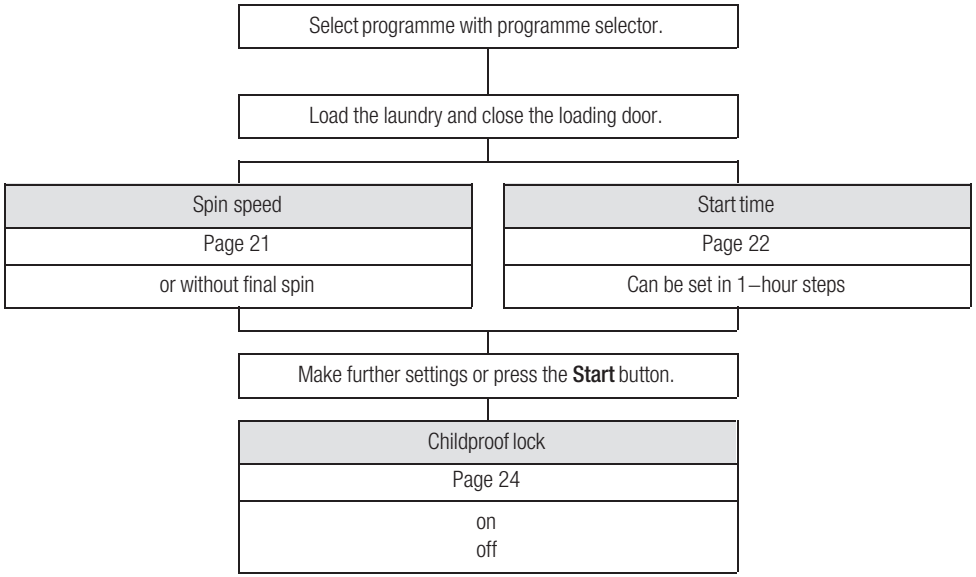
i The almost empty progress bar is indicated in the display field.
While the programme is running, the programme duration counts down and the progress bar fills up with the segments. The symbols for the run programme sections go out.

Washing with individual settings is described subsequently.

Washing with individual settings

You can adjust the settings to your requirements. First find a quick overview of the adjustable settings. The steps for changing the settings are described in detail overleaf.

Overview at a glance



Spin speed

You can reduce the displayed spin speed.

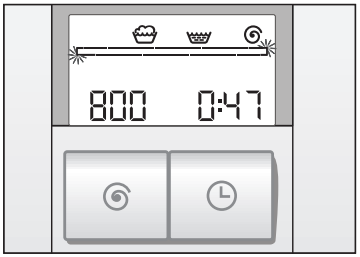
The maximum displayed spin speed depends on the selected programme.

❑ Turn the programme selector to the desired programme.

❑ If required, press the button(s) for additional option(s).

❑ Load the laundry and close the loading door.

Example of **Easy-Care 40 °C programme**:

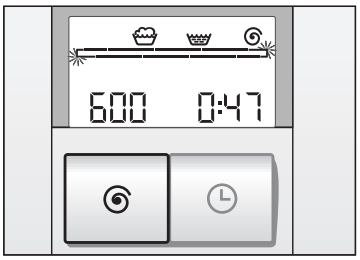


i The following is indicated in the display field:

– programme status display,

– maximum spin speed, e.g. **800**,

– programme duration.



❑ Press the ⟳ button until the required spin speed, e.g. **600** or "**–––**" (without final spin) is displayed.

i If setting "**–––**" (without final spin) has been selected, the washing remains in the final rinsing water. Before the laundry can be unloaded, the **Drain** or **Spin** programme must be performed.

You can change other settings
or

❑ Press the **Start** button.
The programme starts.

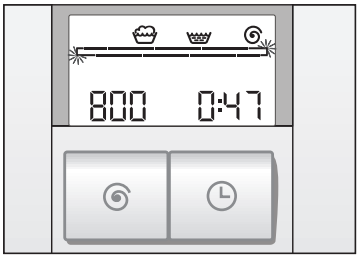
i The speed can be changed at any time by pressing the ⟳ button until the new speed is displayed.
Setting "**–––**" (without final spin) is possible until the Rinse programme section starts.

Start time

Before a programme starts, you can specify by how many hours the start of the programme is to be delayed.

- ❑ Turn the programme selector to the desired programme.
- ❑ If required, press the button(s) for additional option(s).
- ❑ Load the laundry and close the loading door.

Example of **Easy-Care 40 ˚C programme**:

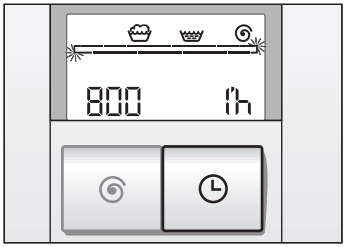


i The following is indicated in the display field:

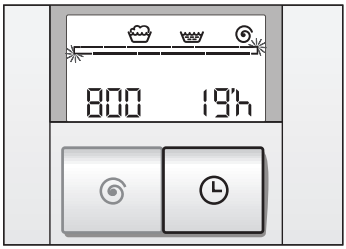
– programme status display,

– maximum spin speed,

– programme duration, **0:47** (47 minutes).

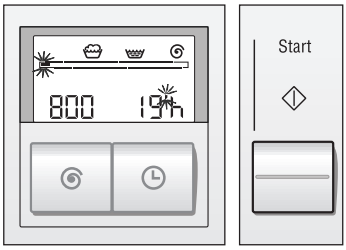


- ❑ Press the ◷ button, **1'h** (h=hour) appears in the display.



- ❑ Press the ◷ button until the desired number of hours is displayed.

i The start time can be set in 1-hour steps. The time can be delayed up to a maximum of **19'h**. If a start time of **19'h** has been set, the programme duration mode can be accessed by pressing the ◷ button again.



You can change other settings
or

❑ Press the **Start** button.
The programme starts.

The time delay begins running immediately after the programme starts. This is displayed by the flashing first segment in the progress bar and the flashing apostrophe **'** between the number and **h**.

i The time delay is counted down by the hour. When the start time has elapsed, the programme starts automatically and the programme duration is displayed.

i Changes to the start time or an immediate start are possible. To do this:

– Briefly set the programme selector to another programme
– When the programme selector has been reset to the original programme, individual or all other settings may have to be reselected. If required, reset the start time.
– Press the **Start** button.
The programme starts.

i If the programme sequence is changed by rotating the programme selector or the programme is cancelled, the preselected start time is also cancelled. The programme duration of the newly selected programme appears in the display.
The start time must be reselected (see also chapter **Changing the programme**, page 25 and **Cancelling the programme**, page 26).

i The washing can be topped up at any time during the start time. Close the washing machine door.

Childproof lock

You can secure your washing machine to prevent selected functions from being inadvertently changed.

If the childproof lock has been selected:

- No changes can be made while the programme is running,
- the symbol ⊸ flashes if a programme setting is inadvertently changed,
- should the appliance be switched off and on while a programme is running the programme will continue at the point at which it was interrupted,
- the washing can be topped up while the start time is running.

Activating the childproof lock

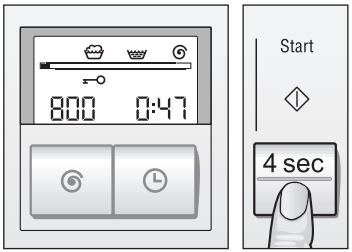
❑ Set the programme selector to the required programme and, if required, select other settings.

❑ Load the laundry and close the loading door.

❑ Press the **Start** button.
The programme starts.

ⓘ Release the **Start** button.

Example of **Easy-Care 40 °C programme**:



❑ Press the **Start** button and hold down (for approx. 4 seconds) until the ⊸ symbol is displayed.

❑ Release the **Start** button, the childproof lock is activated, the symbol is permanently on.

Deactivate childproof lock

The childproof lock must be deactivated before making programme changes or ending programmes with setting "**–––**" (without final spin).

❑ Press the **Start** button and hold down (for approx. 4 seconds) until the ⊸ symbol goes out.

ⓘ If there is a power failure, the childproof lock remains on.

During washing

Changing the programme

If you have accidentally selected the wrong programme:

- ❑ If the childproof lock is active, temporarily deactivate; see Page 24.
- ❑ Turn the programme selector to a newly selected programme.
  If prewash is selected subsequently, set the programme selector to **Off** and reselect the programme.
- ❑ If required, change the other settings; see from Page 20.
- ❑ Press the **Start** button.
  The programme starts.

i The newly selected programme starts at the programme section at which the previous programme was cancelled, however with the new settings.

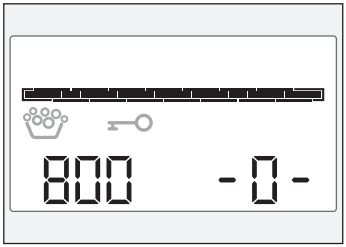
- ❑ If required, re-activate the childproof lock (see page 24).

Cancelling the programme

If you would like to terminate a programme and remove the washing:

- ❑ If the childproof lock is active, deactivate; see Page 24.
- ❑ Turn the programme selector to **Drain**, **Spin** or **Rinse/Freshen up**.
  If required, select the desired spin speed (but not setting "**–––**" (Without final spin)).
- i If a programme is interrupted at a high temperature, **Rinse/Freshen up** should be selected to cool down the washing.
- ❑ Press the **Start** button.
- ❑ If required, switch on the childproof lock again.
- ❑ Wait until programme ends.
- ❑ If required, deactivate the childproof lock.
- ❑ Turn the programme selector to **Off**.
- ❑ Open the washing machine door.
- ❑ Remove the washing.
- i If a programme was interrupted at a high temperature, the washing machine door may remain locked until the appliance has cooled down.

After washing



ⓘ Display panel:

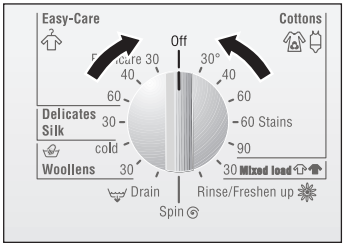
– all symbols on the programme status display have gone out, the full bar is displayed,

– the programme duration is on **–0–,**

– if the childproof lock is selected, the ⊸ symbol illuminates,

– if detergent was overdosed, the symbol illuminates.

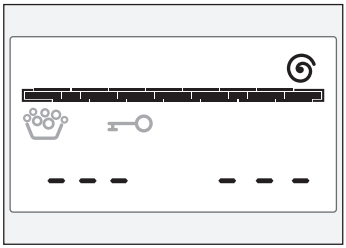
❑ If required, deactivate the childproof lock.



❑ Turn the programme selector to **Off**.

or

Setting ––– (without final spin) selected



ⓘ Display panel:

– the symbol and the full bar are indicated on the programme status display,

– the programme duration is on "**–––**".

– if the childproof lock is selected, the ⊸ symbol illuminates,

– if detergent was overdosed, the symbol illuminates.

❑ If required, deactivate the childproof lock.

❑ Select an additional programme **Drain** or **Spin**.

❑ Press the **Start** button.

❑ If required, activating childproof lock (see page 24).

At the end of the additional programme:

❑ If required, deactivating childproof lock.

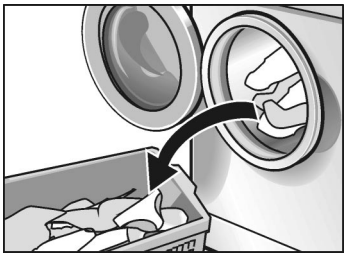
❑ Turn the programme selector to **Off**.

Removing the washing

❑ Turn off the water tap.

❑ Open the washing machine door.

If the loading door cannot be opened:
Wait 2 minutes (safety function is active)
or
there is still water in the washing machine if the "**–––**" (Without final spin) option was selected.
Select the **Drain** or **Spin** programme and press the **Start** button.



❑ Unload the laundry.

Attention
Remove any foreign objects (e.g. coins, paper clips) from the drum and rubber seal – **risk of rust!**

❑ Leave the washing machine door and detergent drawer open to allow the interior of the washing machine to dry.

Special applications

Attention
Do not bleach/dye washing in the washing machine.

Soaking

- ❑ Load laundry of the same colour.
- ❑ Pour soaking agent into dispenser **II** according to the manufacturer's instructions.
- ❑ Set the programme selector to **Cottons 30 °C**.
- ❑ Press the **Start** button. The programme starts.
- ❑ After approx. 10 minutes, turn the programme selector to **Off**. The laundry is left to lie in the water.
- ❑ Select a programme according to the required soaking time, the detergent solution is pumped out.

i Only little detergent to be dispensed for the main wash.

Starching

The laundry must not be treated with fabric softener.

- ❑ Insert the washing.
- ❑ Dose a quantity of starch for approx. 15 litres of water. Dissolve starch according to the manufacturer's instructions.
- ❑ Turn the programme selector to **Rinse/Freshen up**.
- ❑ Set the spin speed;
  even setting "**– – –**" (without final spin) is possible.
- ❑ Press the **Start** button.

As soon as the water runs in:

- ❑ Pull out the detergent drawer a little and
- ❑ Pour starch solution into dispenser **I**.
- ❑ Close the detergent drawer.

If the "**– – –**" setting was selected,
then select the **Drain** programme.

Cleaning and Care

⚠ **Risk of electric shock!**
First, always disconnect the appliance from the power supply.

Never clean the washing machine with a water jet.

⚠ **Risk of explosion!**
Never clean the appliance with solvents.

Clean housing, fascia and supply lines

As required:

- ❑ Use hot soapy water or a mild, non-abrasive cleaning agent.
- ❑ Wipe dry with a soft cloth.

Cleaning the drum

If metal items (e.g. coins, paper clips, needles, nails) left in the drum have caused rust spots:

- ❑ Use chlorine-free cleaning agents; comply with the manufacturer's instructions. Never use steel wool.

Descaling the washing machine

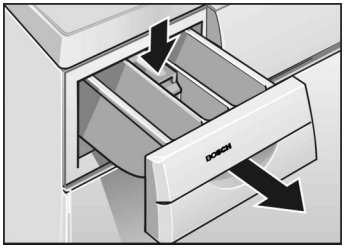
Attention
Descaling agents contain acids which may corrode the components of the washing machine and discolour the washing.

Provided that you use the correct amount of detergent, it is not necessary to descale the washing machine.

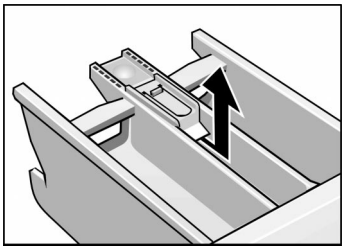
If descaling is nevertheless required, please follow the instructions supplied by the manufacturer of the descaling agent.

Cleaning the detergent dispenser

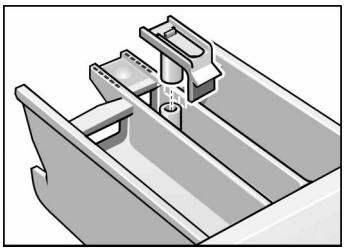
In the event that residual detergents or additives have accumulated:



- ❑ Pull out the detergent drawer all the way,
- ❑ Press down the insert and
- ❑ remove the detergent drawer.



- ❑ Lift out the insert.
- ❑ Clean the detergent drawer and insert under running water and dry.



- ❑ Attach the insert and lock into position.
- ❑ Slide in the detergent drawer.

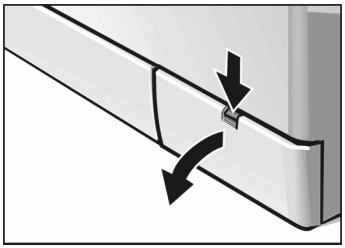
Cleaning the drain pump

This is necessary if the washing solution has not been completely drained. The pump is blocked by either loose debris or fluff which accumulates if fluff-giving fabrics are washed.

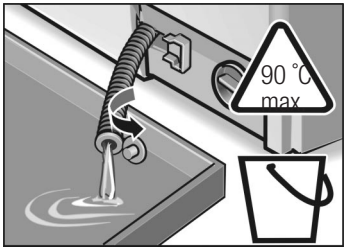
Drain the water

(Up to 20 litres. Have a suitable container ready.)

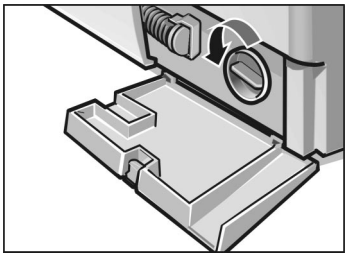
⚠ **Risk of scalding!**
Allow the hot water to cool down beforehand. Keep children and pets away from the washing machine.



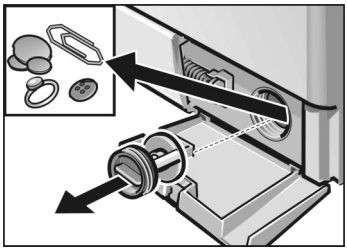
- ❑ Turn the programme selector to **Off**.
- ❑ Open service flap and remove it.



- ❑ Remove the drain hose from its holder and pull the hose out of the housing.
- ❑ Pull down the closing cap **carefully** and allow the washing lye to flow into a suitable container.
- ❑ Push up the closing cap and place the drain hose back in its holder.



- ❑ Carefully remove the pump cap.
  A little more residual water will flow out.
- ❑ Remove foreign objects/fluff from inside and clean the interior. The pump impeller wheel must be able to rotate.
  Clean any residual lye or fluff from the thread of the pump cap and pump housing.



- ❑ Insert the pump cover and screw tight.
- ❑ Insert and close the service flap.

To prevent unused detergent from flowing into the drain during the next wash cycle:

- ❑ Pour 1 litre / 1 ¾ pt of water into chamber **II**.
- ❑ Select the **Drain** programme.

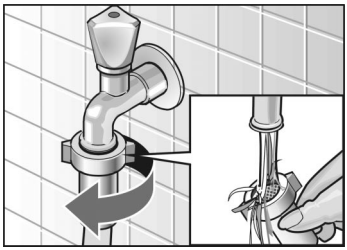
Cleaning water inlet strainers

This is necessary if very little or no water flows into the washing machine.

First release the water pressure in the supply hose:

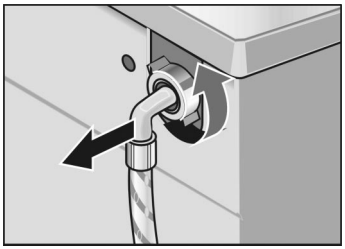
- ❑ Turn off the water tap.
- ❑ Turn the programme selector to any programme (except **Spin** and **Drain**).
- ❑ Press the **Start** button, and allow the programme to run for approx. 40 seconds.
- ❑ Turn the programme selector to **Off**

Cleaning the strainer at the water tap

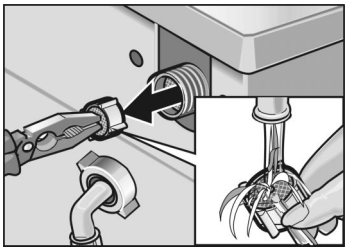


- ❑ Disconnect the hose from the water tap.
- ❑ Rinse the strainer under flowing water.
- ❑ Connect the hose.

Cleaning the strainer on the washing machine



- ❑ Disconnect the hose from the back of the washing machine.



- ❑ Pull out the strainer and rinse under running water.
- ❑ Insert the strainer and reconnect the hose.
- ❑ Turn on the water tap and check whether water is still discharged. If water is still discharged, check that the strainer is attached properly.
- ❑ Turn off the water tap.

Help with minor problems

If repairs are needed, and assuming that you cannot eliminate the fault yourself with the aid the following table

- ❑ Turn the programme selector to **Off**.
- ❑ Disconnect the washing machine from the mains.
- ❑ Turn off the tap.
- ❑ Call customer service, see Page 40.

⚠ **Risk of electric shock!**
Repairs may be carried out by customer service or authorised technicians only.

Fault displays

Text in display field and, depending on the model, a signal emitted	Possible cause	Remedial action
F01	Door not closed properly.	Check whether laundry is trapped in door; Close the washing machine door.
F02	Tap not turned on.	Turn the tap on.
	Inlet hose kinked or pinched.	Eliminate cause.
	Filters blocked in water inlet hose.	Clean filters, see Page 33.
	Water pressure too low.	Eliminate cause.
F04	Loose debris is blocking the pump;	Cleaning the drain pump, refer to page 32;
	Drainage pipe and/or drainage hose blocked.	Clean drainage pipe and/or drainage hose.

Problems	Cause	Remedial action
Washing machine door cannot be opened.	There is still some water in the appliance, "– – –" (without final spin) selected.	Select **Drain** or **Spin**.
	Safety function is active.	Wait for 2 minutes.
Detergent residue in the detergent drawer.	Damp or lumpy detergent.	Clean and dry the detergent dispenser; see Page 31.
		Use the dosing aid for liquid detergent.
	Difficult-to-dissolve detergent tablets used.	Before filling dispenser II, crush the tablets in the packet.
Odour in the appliance.	Washing at mainly low temperatures and/or with liquid detergents.	Run the **Cottons 90 °C** programme without washing. Use a standard detergent.
Control lights do not come on.	A fuse has triggered.	Switch on/replace the fuse.
		If the fault occurs repeatedly, call Customer Service.
	Power failure.	An interrupted programme will be resumed when the power returns. If the washing is to be removed, proceed as described under **Cleaning the drain pump** see from Page 32.
	Plug is loose or not plugged in.	
Programme does not start.	Loading door not closed properly.	Check whether laundry is trapped in door.
		Close the loading door (a click should be heard).
Programme does not start.	**Start** button not pressed.	Press the **Start** button.
Water does enter the machine or detergent is not washed away.	Tap not turned on.	Turn the tap on.
	Inlet hose kinked or pinched.	
	Filter blocked in water inlet hose.	Clean the strainer; see from Page 33.

Problems	Cause	Remedial action
Detergent in chamber **I** is not washed away.	A programme without Prewash was selected.	Select programme with Prewash.
Water not visible in the drum.	Not a fault. The water lies below the visible part of the drum.	
Washing solution is not completely drained.	Pumped blocked by foreign objects.	Clean the pump refer to page 32.
	Fluff-producing laundry was washed. The water drainage pipe or drain hose is blocked.	Clean drainage pipe and/or drainage hose.
Water runs out from under the appliance.	Screw fitting of the inlet hose is leaking.	Tighten the screw-fitting.
	Drainage hose is leaking.	Replace the drain hose.
Foam comes out of the detergent drawer. The symbol is displayed at the end of the programme.	Too much detergent or detergent not suitable for use in washing machines used.	Mix 1 tablespoon of fabric softener with ½ litre/1 pt of water and pour into chamber **II** of the detergent dispenser.
		Reduce detergent dosage for next wash cycle or use detergent which is suitable for use in washing machines.
Vibrations during wash and spin cycles	Transit bolts not removed	Remove the transit bolts; see page 46.
	Appliance feet not secured.	Secure the appliance feet.
The washing has not been spun correctly.	Large laundry items have become entangled and are not evenly distributed in the drum. For safety reasons, the high-speed final spin cycle was automatically cancelled.	Do not put only large items in the drum.
Spin result unsatisfactory.	**Reduced Ironing** button pressed – for reduced spin speed see page 17.	
	The **Rinse/Freshen up** or **Spin** programme selected maximum spin speed: see Page 16.	
Spin cycle actuated several times.	Not a fault. Unbalanced load detection system is attempting to compensate the imbalance by spinning the washing several times.	

Problems	Cause	Remedial action
The programme takes longer than usual.	Not a fault. Imbalance compensation system attempts to balance the laundry by repeated distribution.	Wash large and small items together in order to reduce the imbalance.
	The foam detection feature has activated an additional rinsing cycle to reduce the amount of foam.	Adjust the detergent dosage for the next wash cycle.
Washing result not satisfactory.	Soiling is greater than expected or recommended load has been exceeded.	Select suitable programme and press the **Wash Plus** button or reduce load.
	Detergent was underdosed.	Dose detergent according to the manufacturer's instructions.
Detergent residue on the washing.	Some phosphate-free detergents contain water-insoluble residue which may appear as light stains on the washing.	Select **Rinse/Freshen up** immediately or brush out the washing after drying.
Grey residue on the washing.	Soiling caused by ointment, grease or oil.	Select maximum detergent dosage and maximum permitted temperature for the next wash cycle.
Programme duration changed during the programme sequence	Not a fault. See also explanations in the chapter **Display field, programme duration** from page 8.	
Programme duration reduced	Not a fault. For small amounts of laundry, a reduction in time of approx. 30 minutes can result, depending on washing programme.	

Problems	Cause	Remedial action
Programme duration extended	An overdosage of detergent has caused excessive formation of froth. An additional rinse cycle and spin cycle was run to ensure a good rinsing result. The symbol is displayed at the end of the programme.	Reduce the detergent dosage for the next wash cycle.
	For severe imbalances during spinning, an increase in time of approx. 10 minutes can occur because of repeated distribution of the laundry.	Wash large and small items together in order to reduce the imbalance.
	If very cold water must be heated up, an increase in time up to 20 minutes can result.	
Signal is emitted	Signal for switching buttons on and off is switched on.	Switch off the signal: Press the **Start** button and set the programme selector to **Cottons 30 °C.** Hold down the **Start** button until the signal is emitted. Acoustic signal is switched off.
	Signal for programme status is switched on.	Switch off signal or change volume: Press the **Wash Plus** button and hold down until the signal is emitted and the volume of the signal changes. Release the button when the required volume is reached. The selected setting is stored.

If the fault recurs, call Customer Service,
see Page 40.

Consumption values

Normal programme	Additional option	Load	Consumption values **		
			Power	Water	Programme duration
Cottons 40 ºC	Wash Plus *	6 kg /13.2 lb	0.65 kWh	60 l	2:10 h
Cottons 60 ºC	–	5 kg /11 lb	0.95 kWh	60 l	1:17 h
Cottons 60 ºC Stains	Wash Plus *	6 kg /13.2 lb	1.02 kWh	46 l	2:10 h
Cottons 90 ºC (the hot washing solution is mixed with approx. 7 litres of cold water before being drained)	Wash Plus	6 kg /13.2 lb	2.1 kWh	67 l	2:10 h
Easy-Care 40 ºC	Wash Plus *	3 kg /6.6 lb	0.5 kWh	50 l	1:18 h
Easy-Care 40 ºC (Also suitable as short programme)	–	3 kg /6.6 lb	0.5 kWh	38 l	0:47 h
Delicates/Silk 30 ºC	–	2 kg /4.4 lb	0.3 kWh	42 l	0:35 h
Woollens 30 ºC	Wash Plus *	2 kg /4.4 lb	0.2 kWh	35 l	0:50 h

* Programme setting with **Wash Plus** option for test in accordance or in conformity with EN 60 456 and IEC 60 456

** Consumption values will differ from the indicated values depending on the water pressure, water hardness, water inlet temperature, ambient temperature, type and quantity of washing and degree of soiling, utilised detergent, fluctuations in the mains voltage and selected additional options.

Customer service

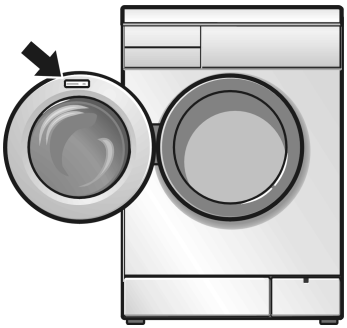
Each washing machine which leaves our factory is checked carefully to ensure that it functions properly and is in perfect condition. If you have any questions – especially with respect to installing and connecting your washing machine – please do not hesitate to contact our customer service department.

Before you call customer service, please check whether you can eliminate the fault yourself (see from Page 34).

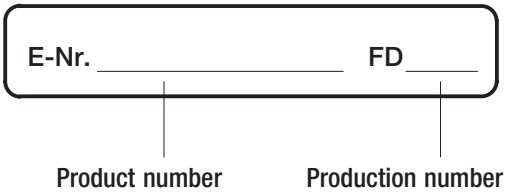
A technician who is called out to give advice will charge you, even if the appliance is still under guarantee.

You can find your nearest customer service in the enclosed address list. Please provide customer service with the product number (E-Nr.) and the production number (FD) of the appliance.

Rating plate



These numbers are shown on the rating plate which can be found on the frame of the open door and also on the identification plate, enclosed by a thick line, on the front of the machine behind the nameplate.



Please note the two numbers in the space provided above.

In specifying the product number and production number of your appliance, you help us in our attempt to prevent unnecessary travelling and the associated extra costs.

Further information and a selection of our products can be found on our Internet page:
http://www.bosch-hausgeraete.de

If you have any problems with your appliance during the manufacturer's guarantee,

Please call:

08702 413381

(Customers in **Ireland** should call **018903 22222**)

Installing, connecting and transporting the appliance

Safety instructions

⚠ **Risk of injury!**
The washing machine is very heavy. Take care when lifting it.

Attention
Frozen hoses may tear/burst. Do not install the washing machine in an area where there is a risk of frost or outdoors.

The washing machine may be damaged. Do not lift the washing machine by its projecting parts (e.g. door).

In addition to the safety information listed here, the local water and electricity supplier may have special requirements.

If in doubt, have the appliance connected by a specialist.

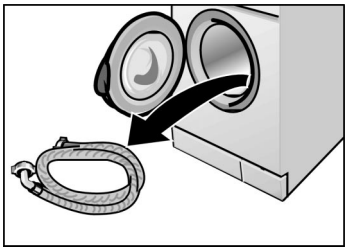
Packaging and old appliances

Unpack the appliance and dispose of the packaging in an environmentally-responsible manner.

This appliance is labelled in accordance with European Directive 2002/96/EC concerning used electrical and electronic appliances (waste electrical and electronic equipment - WEEE).

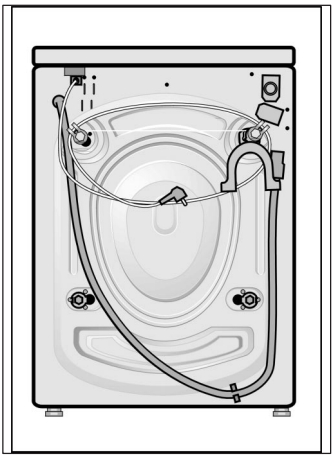
The guideline determines the framework for the return and recycling of used appliances as applicable throughout the EU.

Standard accessories



Inside the drum:

– Water-inlet hose.



On the rear of the appliance:

– Water drainage hose.

– Elbow for attaching the drainage hose e.g.to the sink,

– Mains cable with plug.

Moisture in the drum is due to the final inspection which every washing machine undergoes before it leaves the factory.

Depending on the connection situation, the following part is also required:

– 1 hose clip Ø 24–40 mm (DIY store) is also required for connection to a siphon.

The bag contains:

– Covers for holes left by removing the transport bolts.

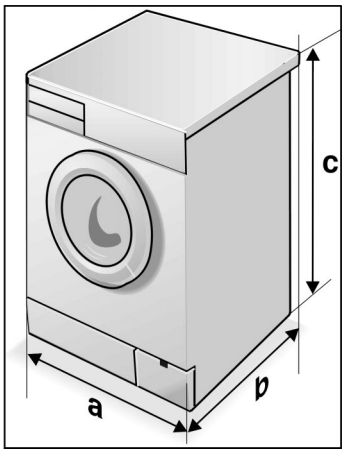
Useful tools

The following tools are helpful:

– Box wrench A/F 13 for removing the transportation bolts,

– Spirit level for aligning the washing machine.

Dimensions



a = 600 mm

b = 590 mm

c = 852 mm

Weight 69–83 kg (depending on appliance)

Installation surface

Appliance stability is important so that the washing machine does not ”wander” during the spin cycles.

The installation surface must be solid and level. Soft floor coverings, e.g. carpets or floor coverings with a foam backing are not suitable.

If the washing machine is to be installed on a wooden floor:

- ❑ If possible, install the washing machine in a corner.
- ❑ Screw a water-resistant wooden board (at least 30 mm thick) to the floor.
- ❑ Secure the washing machine feet with fixing brackets*.

If the washing machine is to be installed on a base:

- ❑ Secure the washing machine feet with fixing brackets*.

* Holding brackets (set) can be obtained from a specialist store or the Customer Service, order no. WMZ 2200.

Built-under or built-in appliance installation

.The appliance must be built under or built in prior to connecting the power supply.

The appliance can be built into or under a kitchen work surface. For this purpose, a recess width of 60 cm is required.

❑ The washing machine must only be installed under a one-piece worktop that is permanently attached to the surrounding cabinets.

Attention
For safety reasons in built-under installation, a metal cover* must be assembled by a specialist in place of the appliance cover plate.

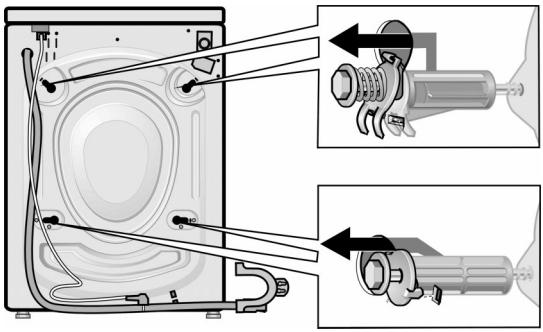
* The metal cover (set) can be obtained from a specialist store or the Customer Service, order no. WMZ 2420.

Removing the transport bolts

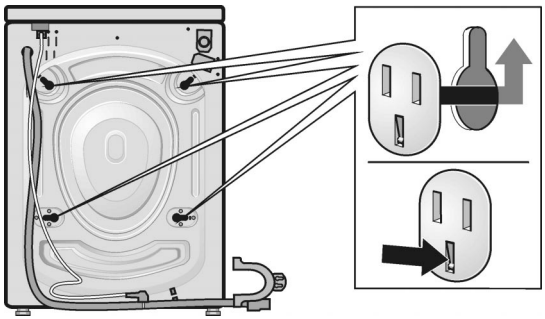
Caution
The transport bolts must always be removed before using the appliance for the first time and must be retained for any subsequent transport (e.g. when moving).

Before removing the transport bolts:

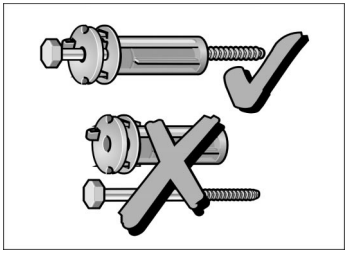
- ❑ Take the hose out of the holder.
- ❑ Detach the elbow.
- ❑ Release all four transport bolts using the SW 13 wrench until they can be moved freely.
- ❑ Completely remove transport bolts by reaching through the open washing machine door and pulling the drum forwards slightly.



- ❑ Insert the covers.



Storing the transport bolts

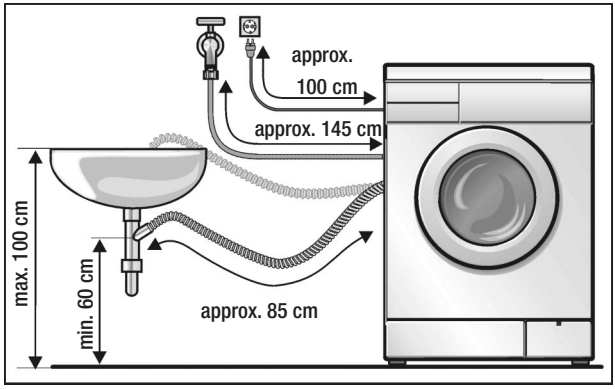


Always keep the transport bolts for subsequent transportation of the appliance (e.g. when moving house).

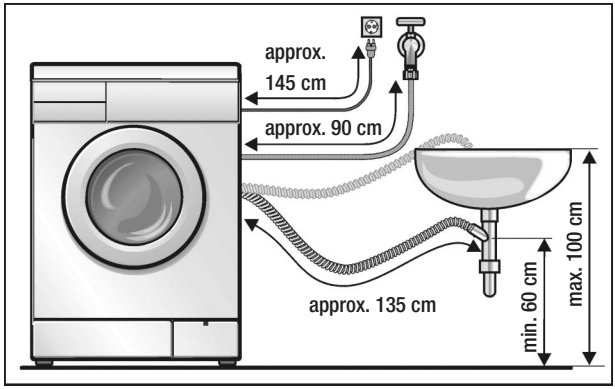
❑ Store the transport bolts with washer and bush (and spring) attached.

Hose and cable lengths

Left-hand connection



Right-hand connection



Other hoses

Available from specialist dealers:

- Connecting kit with plastic hose (approx. 2.50 m), order no. WMZ 2380).
- Extended supply hose (approx. 2.20 m).

Connecting the water

To prevent leaks or water damage, it is essential to follow the instructions in this chapter!

Water supply

Caution
Operate the washing machine with cold drinking water only. Do not connect the appliance to the mixer tap of an unpressurized hot-water boiler.

If in any doubt, have the water connection carried out by an authorized technician.

The water supply hose must not be:

– Bent or squashed.

– Modified or cut through (stability can no longer be guaranteed).

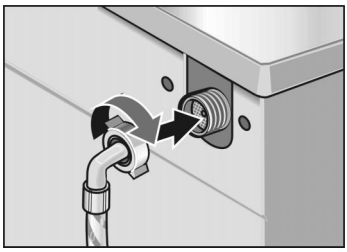
Plastic threads must only be tightened by hand. Do not remove the strainers from the water supply hose.

Observe the water pressure in the supply network:

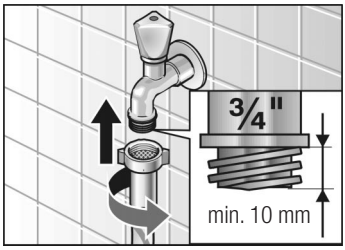
– The water pressure should be between 1 and 10 bars (when the tap is turned on, at least 8 litres of water is discharged per minute).

– A pressure reducing valve must be installed if the maximum water pressure is exceeded.

Connect the water supply hose.



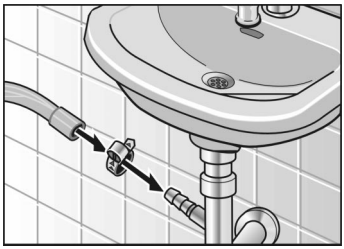
❑ to the rear panel of the washing machine and ...

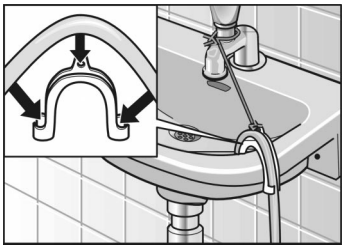


❑ to the tap.

❑ Subsequent to connection:
Turn on the water tap completely, and check connection points for water-tightness.

Water drainage





Caution
Do not bend or pull the water drainage hose.

Height difference between the placement area and drainage point: minimum 60 cm, maximum 100 cm.

Drainage into a siphon:

❑ Secure the connection point with a hose band clip of 24–40 mm diameter (from specialist stores).

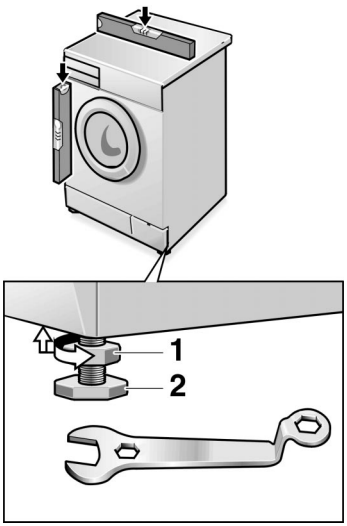
Drainage into a wash basin:

Caution
The plug must not block the drain of the wash basin.

❑ Secure the water drainage hose so that it does not slide out.

❑ When water is being drained, check that the water flow is fast enough.

Aligning the washing machine



Level the washing machine with the assistance of the four adjustable feet and a spirit level:

❑ Loosen the lock nut **1** using the wrench.

❑ Adjust the height by rotating the foot **2**.

❑ Tighten the lock nut **1** against the housing. Simultaneously hold the foot in place and do not adjust the height.

All four feet must be firmly on the floor. The washing machine must not wobble.
The lock nuts of all four appliance feet must be screwed tightly against the housing!

Attention
Loud noise generation, vibrations and ”wandering” may be due to incorrect alignment!

Connecting the power

Attention
Connect the washing machine only to an alternating current via a correctly installed earthed socket.

The mains voltage must correspond to the voltage specification on the washing machine (nameplate). Connection specifications as well as the required fuses are stipulated on the appliance nameplate.

Ensure that:

- The mains plug and socket are compatible.
- The cable cross-section is adequate.
- The earthing system has been installed correctly.

The mains cable may be changed (if required) by an electrician only.
Replacement mains cable available from customer service.

Do not use multiple plugs/sockets or extension cables.

In the event that an earth-leakage circuit breaker is to be used, only use types marked with the following symbol: .
Only this symbol can guarantee compliance with all current regulations.

Do not insert/pull out the mains plug with wet hands.

Do not pull out the mains plug by tugging the cable.

Transport, e.g. when moving

Before transporting the washing machine:

- Turn off the water tap.
- Drain any residual washing solution (refer to Page 32).
- Release the water pressure in the supply hose (refer to Page 33).
- Disconnect the washing machine from the mains.
- Dismantle the supply and drainage hoses.
- Reinstall the transport bolts.

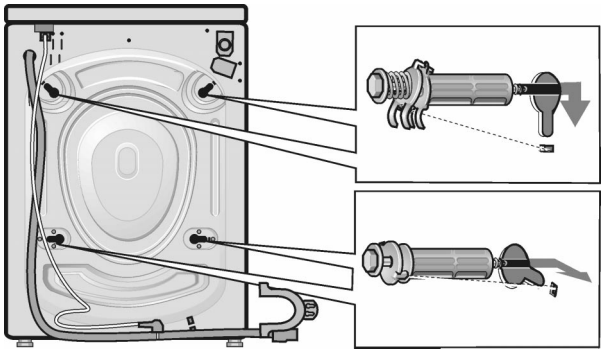
Having transported the appliance and ensured proper installation and connection, allow the **Drain** programme to run through before starting the first wash programme.

Preparing and inserting the transport bolts

❑ Remove the covers.

❑ Preparing the transport bolts:
Pull the bolt out of the sleeve until the end of the bolt is flush with the end of the sleeve.

❑ Insert and tighten the transport bolts.
The lug on the washer must be located in the groove in the rear panel of the housing.



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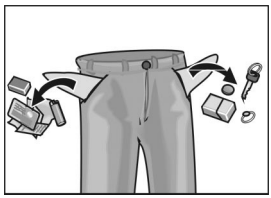
Programmes [1)2)] Type of laundry	Amount of laundry	Degree of soiling	Required button, additional function
Cottons Hard-wearing textiles, heat-resistant textiles e.g. cotton or linen			
30, 40 [3)], 60 °C	6 kg	light to normal	Wash Plus
60 °C Stains [3)]		normally with stains	Wash Plus
90 °C		normal	Wash Plus
30, 40, 60 °C	up to 5 kg	light	–
30, 40, 60 °C		normal to heavy	Wash Plus
60 °C Stains		normally to heavily with stains	Wash Plus
Easy-Care Easy-Care textiles e.g. cotton, linen, synthetic materials or blended fabrics (also suitable as a **short programme**)			
Fabricare 30 °C **40, 60 °C**	up to 3 kg	light	–
Fabricare 30 °C **40 [3)], 60 °C**		normal to heavy	Wash Plus
Mixed load For cotton washing and easy-care textiles – different types of washing can be washed together			
30 °C	up to 3 kg	light	–
30 °C		normal to heavy	Wash Plus
Delicates/Silk Delicate, washable textiles, e.g. silk, satin, synthetic or blended fabrics without wool component (e.g. curtains)			
30 °C	up to 2 kg	light	–
30 °C		normal to heavy	Wash Plus
Woollens hand and machine washable wool or wool rich textiles, e.g. cashmere, mohair or angora. Also suited for hand washable silk.			
cold, 30 °C	up to 2 kg	light	–
cold, 30 °C [3)]		normal to heavy	Wash Plus

Programme options	Rinse/Freshen up, Spin, Drain

1) You can change the programme with the following settings:
In the display panel: **Spin speeds** or **"–––"**(no final spin), **Start time**
Additional functions/Buttons: **Prewash, Reduced Ironing, Rinse Plus, Wash Plus.**
2) Pour detergent into dispenser **II** (on left) for programme without prewash;
distribute detergent between dispensers **I** and **II** for programmes with prewash.
3) Programme setting for test in accordance or in conformity with EN 60456 and IEC 60456.

Quick-reference instructions

1



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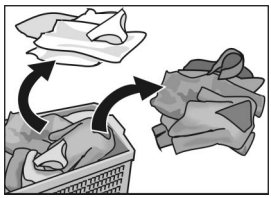

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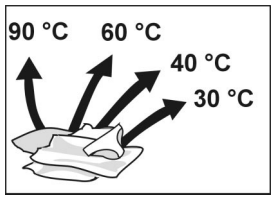

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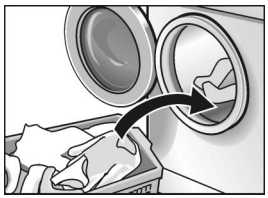

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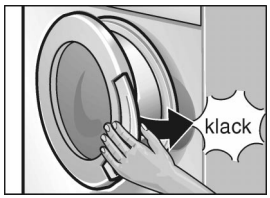

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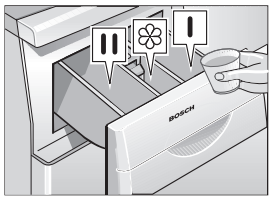

If required:

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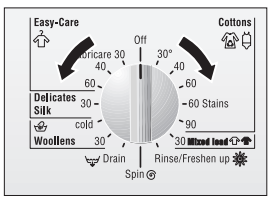
If required:

8



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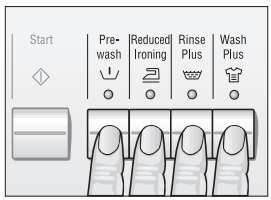

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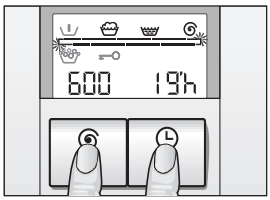

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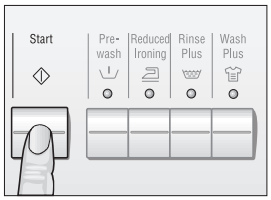
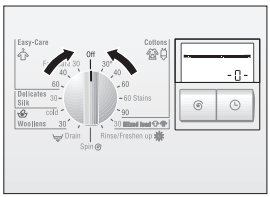


Symbols on the display panel

- Prewash
- Washing
- Rinse
- Final spin/Drain
- Overdosage
- Childproof lock

At the end of the programme:

1



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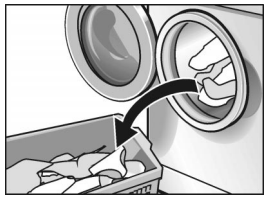

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