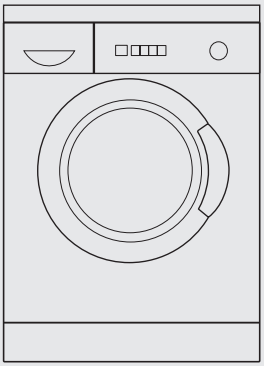


washing machine



en Instruction Manual and
Installation Instructions

Household Appliances

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

BOSCH

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The new washing machine which you have just purchased is a modern, high-quality domestic appliance.

Your washing machine is distinguished by its economical consumption of energy, water and detergent.

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.

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

Please read these operating and installation instructions and all other information enclosed with the washing machine and act accordingly.

These operating and installation instructions describe various models. Differences are indicated in the appropriate places.

Retain all documentation for subsequent use or for the next owner of the appliance.

Information concerning waste disposal

Disposing of the packaging

The shipping package has protected your new appliance on its way to your home. All utilised materials are ecologically harmless and recyclable. Please contribute to a better environment by disposing of packaging materials in an environmentally conscious manner.

Please ask your dealer or inquire at your local authority about current means of disposal.

⚠ Risk of choking!
Do not let children play with packaging and associated parts. Risk of choking on plastic film and collapsible cardboard boxes.

Disposing of your old appliance

Old appliances are not worthless rubbish! Environment-conscious recycling can reclaim valuable raw materials.

⚠ Danger of death!
Unplug mains plug on redundant appliances. Cut off mains cable and discard with mains plug.

Destroy the lock on the door. To prevent playing children from becoming trapped and endangered, ensure that the door locking mechanism is disabled.

Protection of the environment/Hints and tips

Your washing machine uses water, energy and detergent efficiently, thereby protecting the environment and reducing your household costs. See Page 39 for consumption values of your appliance.

Hints and tips

Using your washing machine in an efficient and environmentally friendly manner:

- ❑ Do not exceed maximum load.

Cottons and linens	4.5 kg / 9,9 lb
Synthetics	2.0 kg / 4.4 lb
Delicates / Silk	2.0 kg / 4.4 lb
Wool	2.0 kg / 4.4 lb

With smaller amounts of laundry, the load adjust reduces the water and energy consumption.

- ❑ Where possible, use the "Cottons+Linens 60 °C" programme instead of the "Cottons+Linens 90 °C" programme. The extended washing time achieves a cleaning result comparable to that of the 90 °C programme, but uses considerably less energy.
- ❑ Do not use prewash for lightly to normally soiled washing.
- ❑ Add detergent according to the degree of soiling, amount of laundry and water hardness, and observe the detergent manufacturer's instructions.
- ❑ If washing is then to be dried in the tumble dryer, select spin speed in accordance with the instructions supplied by the dryer manufacturer.

General safety instructions

Your washing machine is intended for

- use in the household only,
- For washing machine-washable fabrics in washing lye.
- operation with cold drinking water and commercially available detergents and cleaning products which are suitable for use in washing machines.

Do not leave children unsupervised near the washing machine.

Keep pets away from the washing machine.

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

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

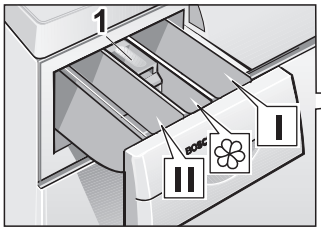
Do not touch the loading door when washing at high temperatures.

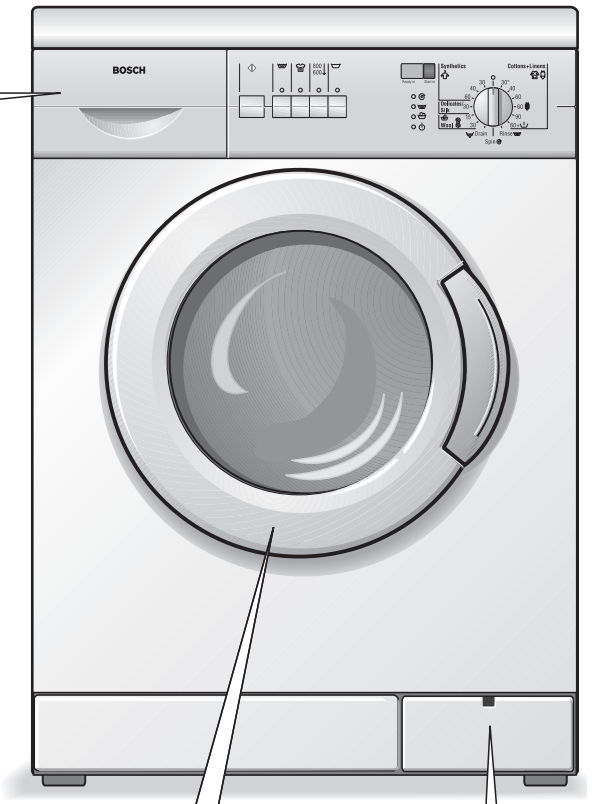
Caution when draining hot water.

Do not climb onto the washing machine.

Do not lean on the open washing machine door.

Introducing your washing machine





Adding detergent/cleaning product

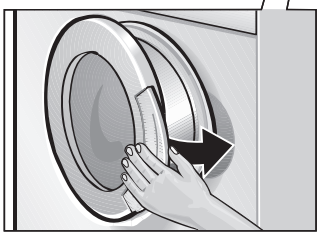
Dispenser **I**:
Detergent for prewash or starch.

Dispenser **II**:
Detergent for main wash, soaking agent, water softener, bleach or stain remover.

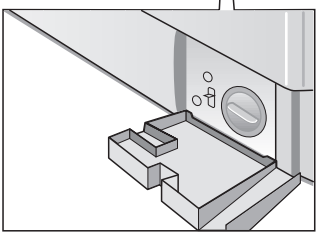
Dispenser ❀:
Additives, e.g. fabric softener or former.
(Fill at least to lower edge of insert **1**).



Opening ...



and closing the door



Service flap

Control panel

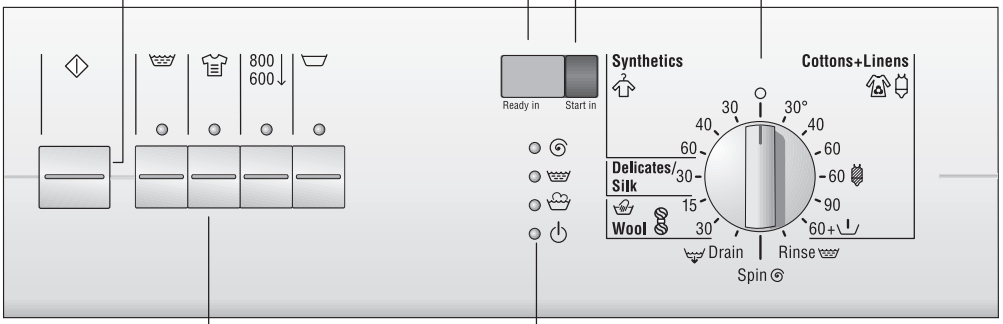
“Ready in” time display,
if the programme is selected,

“Start in” time display,
if the “Start in” time is additionally selected.
The point between the digit and the “h” flashes until the “Start in” time has elapsed. The selected programme then starts automatically and the “Ready in” time is displayed.

“◇” button
For starting the wash cycle (programme must have been selected).

“Start in” button
(if required)
The “Start in” time can be delayed by hours up to a maximum of “19-h”.

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)
“”: Extra rinse cycle.
“”: Intensive wash.
“800/600”: Reduced spin speed.
“”: Laundry remains in the final rinsing water.

Indicator lights
“”, “”, “” illuminate when the “◇” button is pressed and the particular programme section is running.
“⏻” is on, if the programme is selected,

Indicator lights flash: Operation error.

Additional options can be combined before the programme is started.

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

Switch off additional option: press button again.

Before using your washing machine for the first time

Preparing your washing machine

Warning

The washing machine must have been installed and connected properly (refer to Page 40).

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.

- ❑ **Do not load any washing.**
- ❑ 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 + Linens 90 °C". The "⏻" indicator light is on.

The "Ready in" time appears in the display.

- ❑ Press the "⏀" button. The programme starts. The "" indicator light is on.

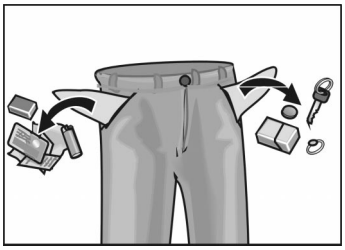
i The indicator lights light up during the respective segments of the programme sequence.

The programme is ended if "0" appears in the display:

- ❑ Turn the programme selector to "○".

Preparing, sorting and loading the washing

Preparing the washing



Warning

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,

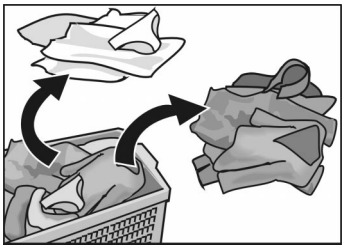
  underwired bras (underwire may become detached during washing and cause damage).
- ❑ Trousers, knitwear and knitted textiles, e.g.jersey garments, T-shirts or sweatshirts should be turned inside out.

Sorting the washing

Warning

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.

Degrees of dirt

Lightly soiled

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

- Light-weight summer clothing and sportswear worn for several hours.
- T-shirts, shirts, blouses worn for up to one day.
- Bed linen, guest towels used for one day.

Normally soiled

Visible soiling and/or a few light stains.

- T-shirts, shirts, blouses soaked in sweat or worn several times.
- Underpants, briefs worn for one day.
- Tea towels, hand towels, bed linen used for up to one week.
- Curtains (without nicotine soiling) used for up to six months.

Very soiled
Visible soiling and/or stains.

- Kitchen towels used for up to one week.
- Fabric serviettes.
- Baby bibs.
- Children's outer clothing or football jerseys and shorts soiled with grass and/or earth.
- 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

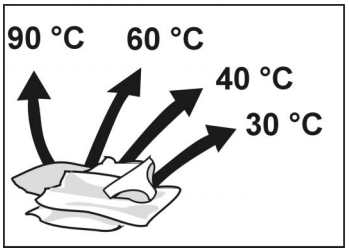
Remove/pretreat stains as soon as possible after they have occurred.

First dab with a soapy solution. Do not rub.

Then select the appropriate programme and wash the item.

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

Sorting washing according to the instructions on the care labels



Only wash laundry that is labelled with the following care symbols:



90 °C Cottons+Linens



60 °C, 40 °C, 30 °C Cottons+Linens



60 °C, 40 °C, 30 °C Easy-care



30 °C Delicates/Silk



Hand and machine-washable  Woollens, cold, 30 °C

Do not wash laundry items which bear the following care label in the washing machine:

 = do not wash

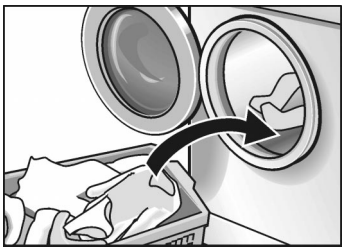
Loading the washing

⚠ 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.

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

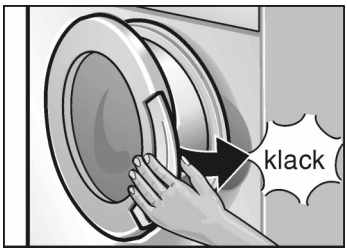


❑ Open the washing machine door.



❑ 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 the maximum load. 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.
Always load your washing machine so that loading door can be closed easily without obstraction.

Detergents and cleaning products

Dosing detergent

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

Dose detergent according to

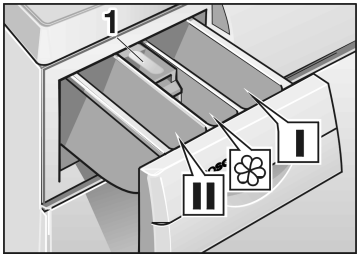
- ❑ the water hardness. You can find out the water hardness from your water utility company.
- ❑ the amount of laundry.
- ❑ the degree of soiling.
  Information on soiling can be found on Page 11.
- ❑ the specifications of the detergent manufacturer. The correct dosage reduces the impact on the environment and produces a good washing result.

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 element is 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).

❑ Pull out the detergent drawer all the way.

❑ Pour in detergent and/or cleaning product.

❑ Close the detergent drawer.

Programmes and functions

Select the desired programme – see also the separate programme overview.

Programme selector

Basic programmes

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

60 °C Cottons+Linens
For stained, heavily soiled textiles, e.g. cotton or linen. Energy saving programme. The extended washing time achieves a cleaning result comparable to that of the 90 °C programme, but uses considerably less energy.

90 °C Cottons+Linens
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 cold water and cooled before being drained.

60 °C + Cottons+Linens (with Prewash)
For hard -wearing textiles, e.g. cotton or linen.

i (“Coloureds” and “Cottons”) programmes have optimised run times for lightly soiled textiles. For heavily soiled textiles reduce the load or press the “” button!

30, 40, 60 °C Synthetics
For easy-care textiles, e.g. made of cotton, linen, synthetic or blended fabrics.

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

Delicates cycle at 30 °C for machine washable silk. We do not recommend washing these textiles with other rougher textiles.
No spin between the rinse cycles.

30 °C Wool, cold
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
Rinse cycle with subsequent spin cycle for rinsing hand-washed items or for starching.

Spin
Spin cycle for spinning hand-washed items after selection of required speed. Washing water or rinsing water is drained before the spin cycle.

Drain
Water is drained after a programme with the "" setting for gentle treatment of delicate laundry.

Additional function – buttons

Rinse Plus

An additional rinse cycle is carried out;
Washing time is extended accordingly.

Recommended applications:
– in areas with very soft water.
– for further improvement of the rinsing results.

Intensive Wash

The washing time is extended so that highly soiled washing or 4,5 kg of cottons/linens are washed more intensively.

Press the button in addition to the programme for the following combinations of load and degree of soiling:

Laundry amount	Program and button „"	Degree of dirt
4,5 kg	Cottons+Linens 30, 40, 60 °C	Light to normal
	Cottons+Linens 60 °C Stains	Normal with stains
	Cottons+Linens 90 °C	Normal
4,5 kg	Cottons+Linens 60 °C +	Heavy
up to 3.5 kg	Cottons+Linens 30, 40, 60 °C	Normal to heavy
	Cottons+Linens 60 °C Stains	Normal to heavy with stains
up to 2 kg	Synthetics 30, 40, 60 °C	Normal to heavy
up to 2 kg	Delicates/Silk 30 °C	
	Wool , 30 °C	

See the separate programme table for further information.

800
↓
600
Basic setting
(Button not pressed)

Textiles are spun at maximum speed in the ”Cottons+Linens”, ”Easy-care” and ”Woollens” programmes.

The ”Delicates/Silk” programme automatically reduces the spin speed irrespective of the button position – gentle treatment of delicate laundry.

Maximum spin speeds

Revolutions per minute	Type of laundry / Programme options
800	Cottons+Linens
800	Easy-care
600	Delicates/Silk
800	Woollens
800	Rinse
800	Spin

Unbalanced load detection system

The automatic unbalanced load detection system spins the laundry several times to ensure even distribution.

If the laundry is very unevenly distributed, the final speed is reduced or there is no spin cycle for reasons of safety.

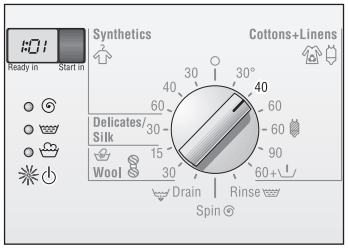
Rinse Hold
For delicate textiles and net curtains. The laundry is left in the final rinsing water.

i All of the previous rinse cycles have a short intermediate spin cycle apart from the programme “Delicates/Silk”. This improves the results of the rinse.

“---” appears in the “Ready in” display when programme is ended.

Before the washing can be removed, the “Drain” or “Spin” programme must be run.

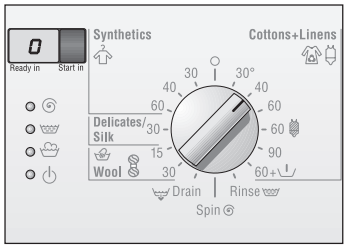
“Ready in” display



When a programme has been selected, the expected programme duration is displayed.

❑ Turn the programme selector to the desired programme.
The “⏻” indicator light is on.
The expected “Ready in” time (programme duration) is displayed, e.g. “1:01”.

i The “Ready in” time is displayed in hours and minutes, e.g.
1:01 – 1 hour and 1 minute
0:55 – 55 minutes.
The “Ready in” time is counted down by the minute.



When the programme ends, the displays shows “0”.

i At the start of the programme, a projection of the “Ready in” time occurs under the assumption of a full load and a water supply temperature of 15 °C. The actual load will be determined within the first 10 minutes.
While the programme is running, the “Ready in”-time can be adjusted for the following reasons.

Reduce time:

Small loads,

Extend time:

Additional rinse cycle if excessive foam is in the laundry,

Multiple spinning if the laundry is distributed poorly in the drum,

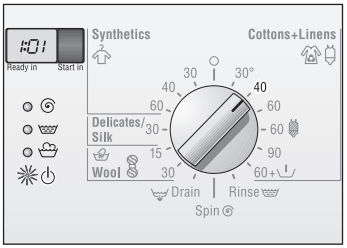
Increased heating times, e.g. when the water is too cold,

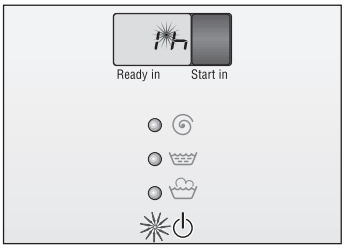
Water pressure too low.

Selection of an additional option, e.g. “” or/and “”, after the programme has started.

Very absorbent laundry.

“Start in” display and button







Before starting a programme, you can specifiy by how many hours the “Start in” time should be delayed.

- ❑ Turn the programme selector to the desired programme.
  The “⏻” indicator light is on.
  The expected “Ready in” time is displayed.
- ❑ Press the “Start in” button, “1 h” (h=hour) appears in the display.
  The point between the digit and the “h” flashes.
- ❑ Press the “Start in” button until the desired number of hours is displayed.

i The “Start in” time can be delayed by hours up to a maximum of “19-h”.
If the “Start in” time is set for “19h”, you can arrive at the “Ready in” mode by pressing the “Start in” button again.

The “Start in” time begins running immediately after setting. This is indicated by the point between the digit and the “h” flashing. The point flashes until the “Start in” time has elapsed.

i The “Start in” time is counted down by the hour. The programme is automatically started after the “Start in” time has elapsed.
The indicator light of the respective programme segment comes on. The “Ready in” time appears in the display.

i Changes to the “Start in” time are possible at any time, press the “Start in” button until the new number of hours appears, in order to do this. The new “Start in” time starts running. The programme does not have to be restarted.

i If the programme is changed, the preselected “Start in” time is also terminated. The “Ready in” time of the reselected programme is displayed. The “Start in” time must be reselected.

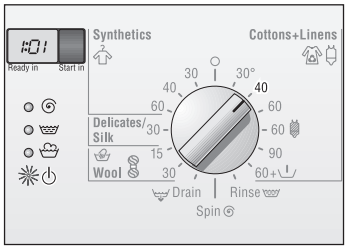
i Topping up laundry is possible at any time during the “Start in” time. Close the washing machine door!

Washing

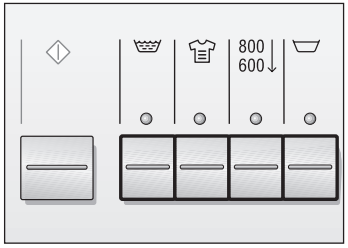


❑ Turn on water tap.

Start programme



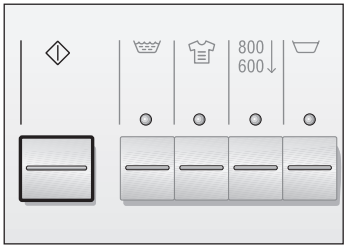
❑ Turn the programme selector to the desired programme – see also the separate programme overview
The “⏻” indicator light is on.
The “Ready in” time is displayed.



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



❑ If required, select the “Start in” time.
The “Start in” time begins running immediately.
The programme starts automatically after the “Start in” time has elapsed.



❑ Press the “◇” button.
The programme starts.

Changing the programme

If you have accidentally selected the wrong programme:

❑ Turn the programme selector to “○”.

❑ Turn the programme selector to the desired programme.
The “⏻” indicator light is on.

❑ If required, select a new “Start in” time with the “Start in” button.

❑ Press the “◇” button.

Cancelling the programme

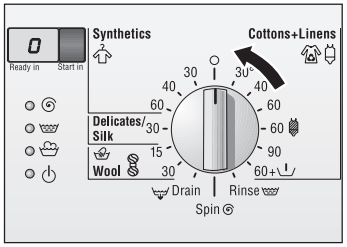
If you wish to prematurely end a programme:

❑ Turn the programme selector to “○”.

❑ Turn the programme selector to “Drain” or “Spin”.
The “⏻” indicator light is on.

❑ Press the “◇” button.

When the Programme has Ended



"0" or "---" appears in the display.

If "0" is displayed:

- ❑ Turn the programme selector to "○".

If "---" is displayed:

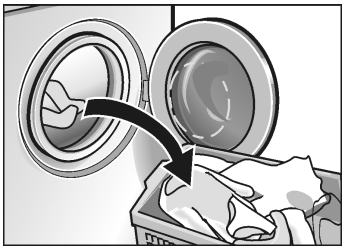
- ❑ Select an additional programme ("Drain", "Spin" or "Rinse").
- ❑ Press the "◇" button.
- ❑ At the end of the additional programme turn the programme selector to "○".

Removing the washing



- ❑ Turn off the water tap.
- ❑ Open the washing machine door.

If the loading door cannot be opened:
Wait 2 minutes (the safety function is active)
or
there is still water in the washing machine if the "" option was selected.
Select the "Drain" or "Spin" programme and press the "◇" button.



- ❑ Unload the laundry.

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

- ❑ Leave the washing machine door open to allow the interior of the washing machine to dry.

Special applications

Soaking

- ❑ Load laundry of the same colour.
- ❑ Pour soaking agent into dispenser **II** according to the manufacturer's instructions.
- ❑ Turn the programme selector to "30 °C Cottons+Linens". The "⏻" indicator light is on.
- ❑ Press the "⏀" button. The "" indicator light is on, programme is running.
- ❑ After approx. 15 minutes, turn the programme selector to "○". The laundry is left to lie in the water.
- ❑ Select a programme after the desired soaking period.

i No additional detergent required, the soaking solution is used for washing.

Starching

The laundry must not be treated with fabric softener.

- ❑ Insert the washing.
- ❑ Dispense the correct amount of starch for approx. 15 litres / 3.3 gal. of water. Dissolve starch according to the manufacturer's instructions.
- ❑ Turn the programme selector to " Rinse".
- ❑ Press the "⏀" 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 "" option is selected, the " Drain" programme must subsequently be selected.

Dyeing

Only use dyes that are environmentally compatible and suitable for use in washing machines.

Caution
Discoloration of the laundry in subsequent wash cycles cannot be completely ruled out.

❑ Apply dyes according to the manufacturer's instructions.

After dyeing:

❑ Pour approx. ½ measuring beaker of detergent into dispenser**II**.

❑ Without any laundry in the drum, allow the "90 °C Cottons+Linens" programme to run through.

❑ Wipe out the rubber seal.

Bleaching

Caution
Bleaches may contain sulphur or chlorine which can corrode components of the washing machine. Do not bleach washing in the washing machine.

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.

Cleaning the appliance housing and control panel

As required:

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

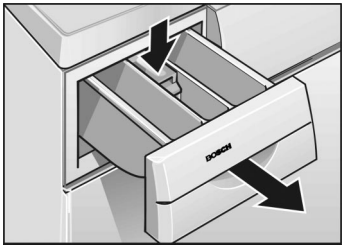
Cleaning the drum

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

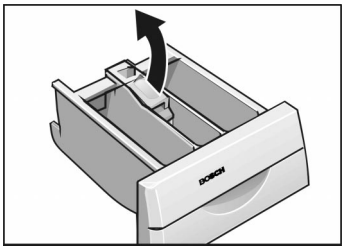
- ❑ Use chlorine-free cleaning agents; comply with the manufacturer's instructions. Never use steel wool.

Cleaning the detergent dispenser

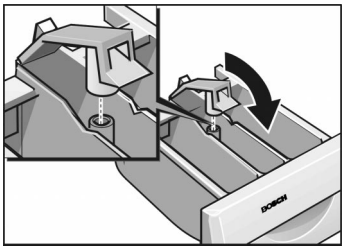
In the event that residual detergents or additives have accumulated:



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



- ❑ Open the cover.
- ❑ Clean the detergent drawer and cover under running water and dry.



- ❑ Close the cover and lock into position.

[i] Insert the cover cylinder onto the guide pin.

- ❑ Slide in the detergent drawer.

Cleaning the drain pump

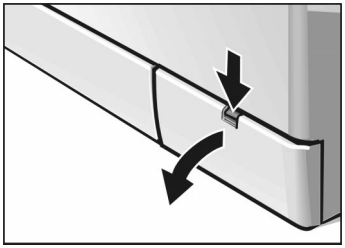
This is necessary if the washing solution has not been completely drained. The pump is blocked by either loose debris or fluff which accumulates if fluff-giving fabrics are washed.

Drain the water

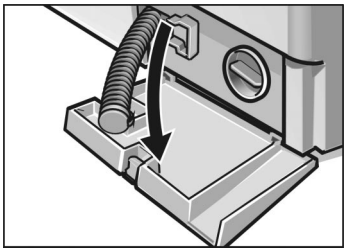
(Up to 20 litres. Have a suitable container ready.)

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

❑ Turn the programme selector to "○".

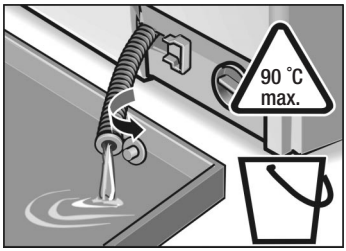


❑ Open service flap.

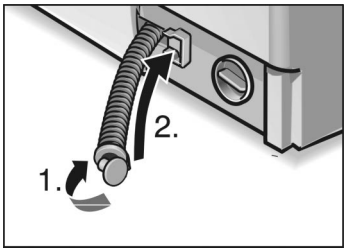


❑ Remove the drain hose from its holder and pull the hose out of the housing.

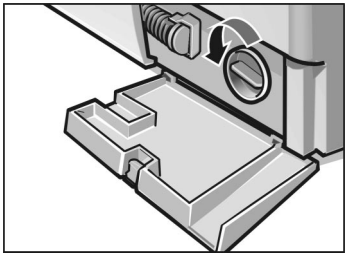
❑ Remove the service flap.

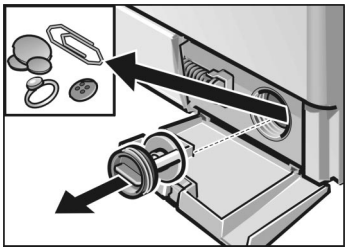


❑ Pull down the closing cap and allow the washing lye to flow into a suitable container.



❑ Push up the closing cap (**1st**) and place the drain hose back in its holder (**2nd**).





- ❑ 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:

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

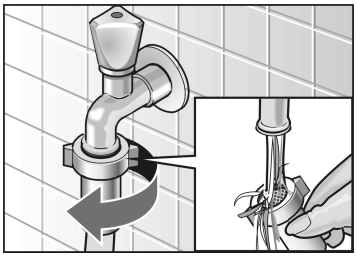
Cleaning water inlet strainers

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

First, reduce the water pressure in the inlet hose:

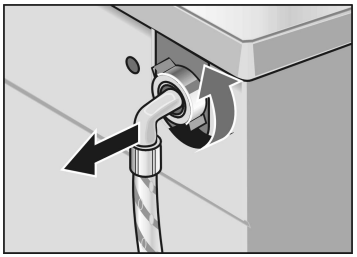
- ❑ Turn off the tap.
- ❑ Turn the programme selector to any programme (except "Spin"/"Drain").
- ❑ Press the "⏻" button, and allow the programme to run for approx. 40 seconds.

Cleaning the strainer at the water tap

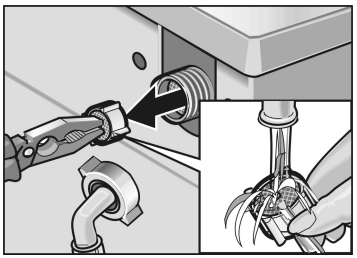


- ❑ Disconnect the hose from the water tap.
- ❑ Rinse the strainer under flowing water.
- ❑ Connect the hose.

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 leaking, check that the filter is correctly seated.
- ❑ Turn off the tap.

Descaling the washing machine

Caution
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.

Troubleshooting Minor Faults

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

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

- ❑ Turn the programme selector to "○".
- ❑ Disconnect the washing machine from the mains.
- ❑ Turn off the tap.
- ❑ Call customer service, see Page 38.

Fault	Cause	Remedial action
Washing machine door cannot be opened.	"⌓" selected	Select the "⌓ Drain" or "◎ Spin" programme.
	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 29.
		Use the dosing aid for liquid 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 30.
	Plug is loose or not plugged in.	

Fault	Cause	Remedial action
Programme does not start. The "⏻"indicator light flashes.	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.	"◇" button not pressed.	Press the "◇" button.
Water does enter the machine or detergent is not washed away. The "🧽" indicator light flashes.	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 32.
Detergent in chamber **I** is not washed away.	A programme without Prewash was selected.	Select "🏠 Cottons+ Linens 60 °C + I".
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. The "〰" indicator light flashes.	Pumped blocked by foreign objects.	Clean the pump (refer to Page 30).
	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.	Too much detergent.	Mix 1 tablespoon of fabric softener with ½ litre / 1 pt of water and pour into chamber **II** of the detergent dispenser.
		Reduce the detergent dosage for the next wash cycle.
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.	Always load large **and** small items together into the drum (see also imbalance compensation system).

Fault	Cause	Remedial action
Spin cycle actuated several times.	Not a fault. Unbalanced load detection system is attempting to compensate the imbalance by spinning the washing several times.	
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.	Select suitable programme
	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" 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.
Changes in the "Ready in" time while the programme is running.	Not a fault. For this, see also the explanations under: "Ready in / Start in" displays and "Start in" button, Page NO TAG.	
Reduction in "Ready in" time	Not a fault. For small amounts of laundry, a reduction in time of approx. 20 minutes can result, depending on washing programme.	

Fault	Cause	Remedial action
Increase in “Ready in” time.	In the case of excessive foam, the foam detection system has activated an additional rinse cycle and an additional spin cycle to ensure the rinsing result.	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 of approx. 20 minutes can result.	

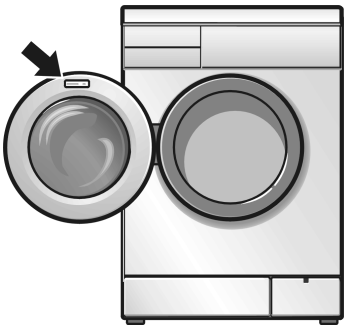
Customer service

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

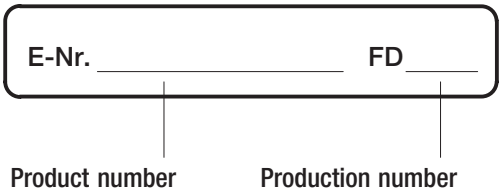
A technician who is called out to give advice will charge you, even if the appliance is still under guarantee.

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.

To prevent unnecessary call-outs, please assist customer service by quoting the product and production numbers.

Consumption values

Normal programme	Additional option	Load	Consumption values**		
			Current	Water	Duration
Coloureds 40 °C*	✓	4.5 kg	0.5 kWh	51 l	2:10 h
Coloureds 60 °C	–	3.5 kg	0.8 kWh	50 l	1:11 h
Coloureds 60 °C stains*	✓	4.5 kg	0.85 kWh	44 l	2:15 h
Cottons 90 °C (hot detergent solution is mixed with cold water before it is pumped out)	✓	4.5 kg	1.9 kWh	58 l	2:10 h
Easy-care 40 °C*	✓	2 kg	0.4 kWh	45 l	1:18 h
Delicates / Silk 30 °C	–	2 kg	0.3 kWh	42 l	0:35 h
Wool 30 °C*	✓	2 kg	0.2 kWh	35 l	0:50 h

* Programme setting with ✓ option lintensive washing) for conducting test in accordance with EN 60 456 and IEC 60 456

** The consumption values will deviate from the indicated values depending on the water pressure, water hardness, water inlet temperature, room temperature, type and amount of laundry, detergent, fluctuations in the mains voltage and selected additional options.

Installing, connecting and transporting the appliance

Safety instructions

⚠ Risk of injury!

The washing machine is very heavy. Take care when lifting it.

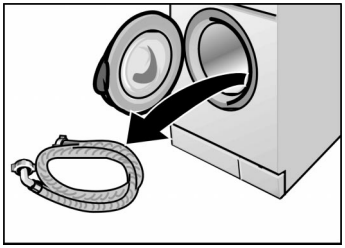
Caution
Frozen hoses may tear/burst. Do not install the washing machine in an area where there is a risk of frost or outdoors.

The washing machine may be damaged. Donot 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.

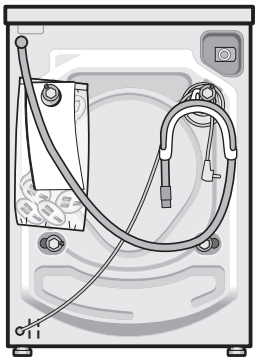
Standard accessories



Inside the drum:

– Water-inlet hose.

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



On the rear of the washing machine:

– Water drainage hose.
– Elbow for attaching the drain hose, e.g. into a wash basin
– Power cord.
– Spanner.
– Covers for holes left by removing the transport bolts.

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

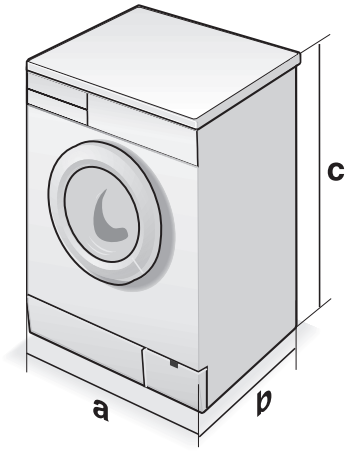
– 1 hose clip Ø 24–40 mm (DIY store) is also required for connection to a siphon.

Useful tools

The following tools are helpful:

– Ring wrench (SW 13)
– Spirit level

Dimensions



a = 595 mm

b = 400 mm

c = 857 mm

Weight approx. 65 kg

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.

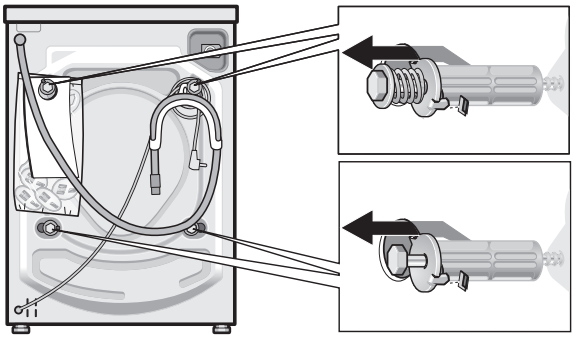
Warning
For safety reasons in built-under installation, a metal cover* must be assembled by a specialist in place of the appliance cover plate.

* Cover plate (set) can be obtained from a specialist store or the Customer Service, order no. WMZ 2410.

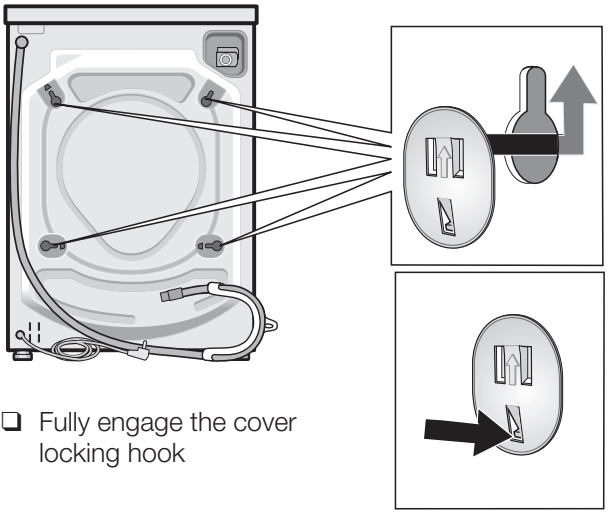
Removing the transportation protection devices

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).

- ❑ Release all screws and using the SW 13 wrench until they can be moved freely.
- ❑ Removing the transportation protection devices
  Through the open washing machine door have a second person pull the top of the drum forwards.
  Remove transportation protection devices.



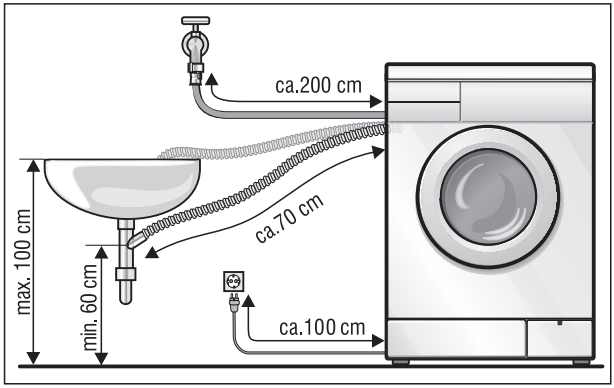
- ❑ Insert the covers.



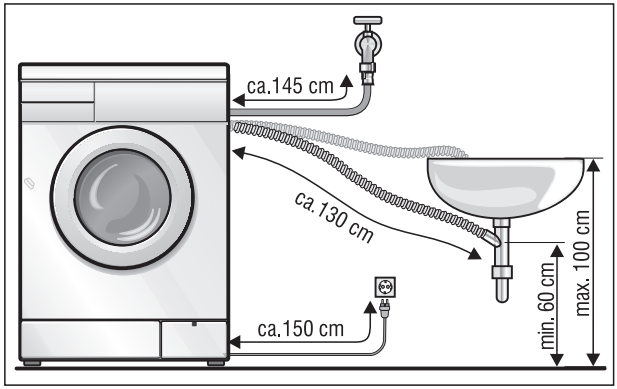
- ❑ Fully engage the cover locking hook

Hose and-cable lengths

Connection on left side



Connection on right side



Other hoses

Available from specialist dealers:

– 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 inlet hose

Warning
Operate the washing machine with cold drinking water only. Do not connect to the mixer tap of an unpressurised hot-water apparatus.

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

The water inlet hose must not be

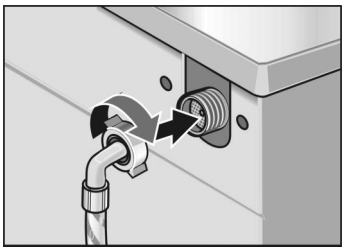
- kinked or crushed,
- modified or severed (strength is no longer guaranteed).

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

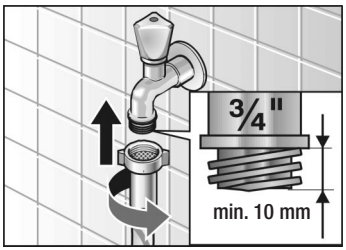
Check the mains water pressure:

- 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).
- If the water pressure is higher, install a pressure reducing valve.

Connect the water supply hose.



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



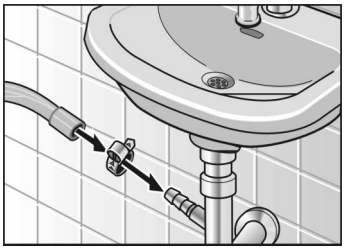
❑ to the tap.

❑ After connecting the water inlet hose:
Turn on the water tap completely, and check connection points for water-tightness.

Water drainage hose

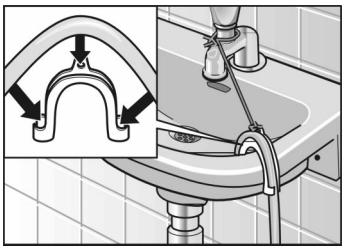
Warning
Do not bend or pull the water drainage hose.

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



Drainage into a siphon:

❑ Secure connection point with 24–40 mm Ø hose clip (specialist outlet).



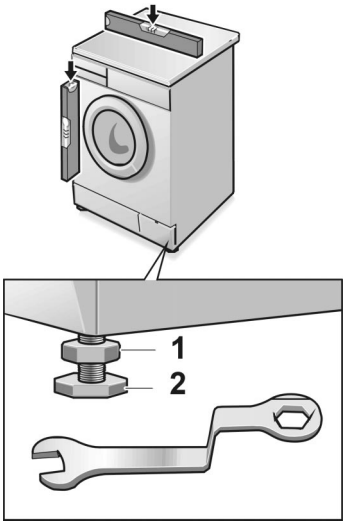
Drainage into a wash basin:

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

❑ Secure the drainage hose to prevent it from slipping out of the sink.

❑ When the water is being pumped out of the washing machine, check that the water drains away quickly enough.

Aligning the washing machine



Align the washing machine with the aid of the four height-adjustable feet and a spirit level.

- ❑ Loosen lock nut **1** in a clockwise direction with a spanner.
- ❑ Adjust the height by rotating height-adjustable foot **2**.
- ❑ Tighten lock nut **1** against the housing; grip the foot and do not adjust the height.

All four appliance feet must be situated firmly on the ground. The washing machine must not wobble. The lock nuts on all four appliance feet must be tightened against the housing.

Attention
Loud noises, vibrations and “wandering” may be due to incorrect alignment!

Connecting the power

Caution
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 tap.
- Drain any residual washing solution (refer to page 30).
- Release the water pressure in the supply hose (refer to Page32).
- Disconnect the washing machine from the mains.
- Dismantle the supply and drainage hose.
- Installing transportation protection devices

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

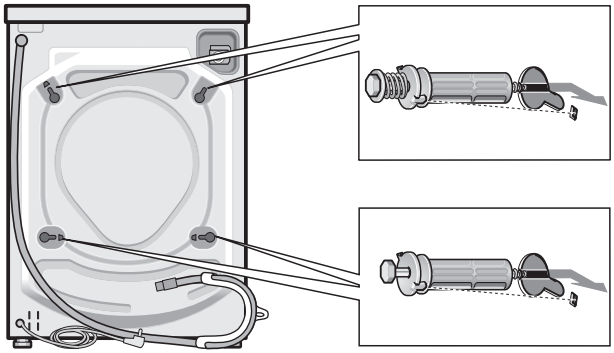
Transporting the washing machine

Preparing and inserting the transport bolts

❑ Remove the lower covers.

❑ Prepare the transport bolts:
Loosen the screw in the sleeve until the end of the screw is level with the end of the sleeve.

❑ Attach and close the cover plate.
The catch on the washer must sit inside the groove on the rear housing panel.



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