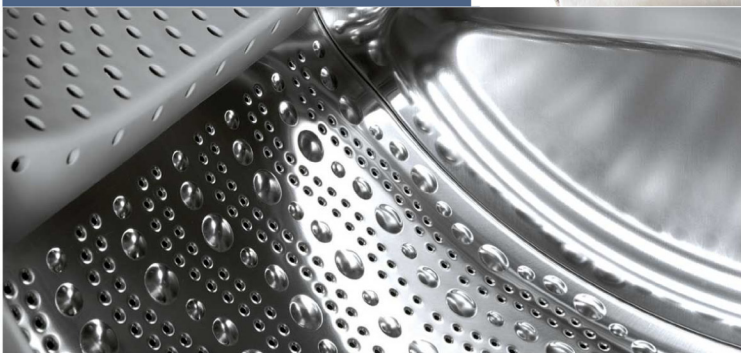




Register your new Bosch now:
www.bosch-home.com/welcome



Washing machine
WAK20060ID



BOSCH

en Instruction Manual and Installation Instructions

Your new washing machine

You have chosen a Bosch washing machine.

Please take a few minutes to read and become familiar with the advantages of your washing machine.

To meet the high quality demands required by Bosch, every washing machine that leaves our factory is carefully checked to ensure that it functions correctly and is in perfect condition.

For more information on our products, accessories, replacement parts and services, see our website www.bosch-home.com or contact our after-sales service centres.

If the operating and installation instructions describe different models, any differences will be pointed out at the relevant points in the text.



Read these operating and installation instructions before switching on the washing machine.

Display rules

Warning!

This combination of symbol and signal word indicates a possibly dangerous situation. Not heeding the warning can cause death or injuries.

Caution!

This signal word indicates a possibly dangerous situation. Not heeding the caution can cause property and/or environmental damage.

Note/tip

Information about the optimum use of the appliance/any other useful information.

1. 2. 3. / a) b) c)

The steps are represented by numbers or letters.

■ / -

Lists are represented by a small box or a dash.

Contents

	Intended use	4
	Safety instructions	5
	Electrical safety	5
	Risk of injury	5
	Safety for children	5
	Environmental protection	7
	Packaging/used appliance	7
	Tips on economical use	7
	Main points in brief	8
	Getting to know the appliance	9
	Washing machine	9
	Control panel	10
	Laundry	11
	Prepare the laundry	11
	Sorting laundry	11
	Detergent	12
	Correct selection of detergent	12
	Saving energy and detergent	12
	Overview of programmes	13
	Programmes on the programme selector	13
	Starching	15
	Dyeing/bleaching	15
	Soaking	15
	Additional programme settings 15	
	Extra Rinse 	15
	Quick 	15
	Operating the appliance	16
	Preparing the washing machine	16
	Select programme/switch on the appliance	16
	Select additional programme settings 16	
	Placing laundry into the drum	16

	Measure and add detergent and care products	17
	Start the programme	18
	Changing the programme	18
	Cancel the programme	18
	Programme end	18
	Removing laundry/switching off the appliance	18
	Sensors	19
	Automatic load sensing	19
	Unbalanced load detection system	19
	Cleaning and maintenance	19
	Machine housing/control panel	19
	Drum	19
	Descaling	19
	Detergent drawer and housing	20
	Detergent solution pump blocked	20
	The drain hose at the siphon is blocked	21
	Filter in the water supply blocked	21
	Faults and what to do about them	22
	Emergency release	22
	Information on the display panel	23
	Faults and what to do about them	23
	After-sales service	25
	Consumption rates	26
	Consumption values table	26
	Technical data	27
	Positioning and connecting	27
	Included with the appliance	27
	Safety instructions	28
	Installation surface	28
	Installation on a base or a wooden joist floor	28
	Installing the appliance in a kitchenette	29

Removing the transport locks 29
Hose and cable lengths. 30
Water inlet 30
Water outlet 31
Levelling 32
Electrical connection 32
Before washing for the first time . . . 33
Transportation 34



Intended use

- For private domestic use only.
- The washing machine is suitable for washing machine-washable fabrics and hand-washable wool in detergent solution.
- To be operated with cold mains water and standard detergents and care products which are suitable for use in front-loading washing machines. Do not use detergents for hand wash.
- When measuring the amount of all detergents/additives/care products and cleaning agents, always check the manufacturer's instructions.
- The washing machine may be used by children over the age of 8 years old and by persons with reduced physical, sensory or mental capacity or by persons with a lack of experience or knowledge if they **are supervised** or have **been instructed** by a responsible person. Children must not perform cleaning or maintenance work unsupervised.
- Keep children under the age of 3 years away from the washing machine.
- Keep pets away from the washing machine.

Read the Instruction Manual and Installation Instructions and all other information supplied with the washing machine and use the machine accordingly.

Retain the documents for subsequent use.

Safety instructions

Electrical safety

Warning

Danger of death!

There is a risk of electric shock if you touch live components.

- Never touch or hold the mains plug with wet hands.
- Only pull out the mains cable by the plug and never by the cable, as this could damage it.
- The appliance must be grounded.
Electrical connection
→ *Page 32*

Risk of injury

Warning

Risk of injury!

- When the washing machine is lifted by its protruding parts (e.g. the washing machine door), the components may break off and cause injuries.
Do not lift the washing machine by protruding parts.
- If you climb on the washing machine, the worktop may break and cause injuries.
Do not climb onto the washing machine.

- If you lean on the washing machine door when it is open, the washing machine may tip over and cause injuries.
Do not lean on the washing machine door when it is open.
- Reaching into the drum when it is turning can cause injuries to hands.
Do not reach into the drum when it is turning.
Wait until the drum has stopped turning.

Warning

Risk of scalding!

When you are washing at high temperatures, there is a risk of scalding if you come into contact with hot water e.g. if hot water is being drained into a wash basin.
Do not reach into the hot detergent solution.

Safety for children

Warning

Danger of death!

- If children play with the washing machine, they may get into life-threatening situations or injure themselves.
- Do not leave children unattended near the washing machine.
 - Do not let children play with the washing machine.

 Warning

Danger of death!

Children may lock themselves in appliances, putting their lives at risk.

For appliances that have reached the end of their service life:

- Disconnect the mains plug.
- Cut through the mains cable and remove it, along with plug.
- Destroy the lock on the washing machine door.

 Warning

Risk of suffocation!

Children may become wrapped in packaging/film or packing parts if allowed to play with them, or they may pull them over their heads and suffocate. Keep packaging, film and packaging parts out of the reach of children.

 Warning

Risk of poisoning!

Detergents and care products may be poisonous if consumed.

Keep detergents and care products out of the reach of children.

 Warning

Eye/skin irritation!

Detergents and care products may cause irritation if they come into contact with the eyes or skin.

Keep detergents and care products out of the reach of children.

 Warning

Risk of injury!

When you wash at high temperatures, the glass in the washing machine door gets hot.

Do not let children touch the hot washing machine door.



Environmental protection

Packaging/used appliance



Dispose of packaging in an environmentally-responsible manner.

The following Do's and Don'ts provide a framework for the return and recycling of used products when available in your area.

Do's

- Hand over the old/discarded electronic equipment only to authorized collection centers for disposal
- Consult the authorized service center as to whether the Electronic Equipment can be repaired or not, before discarding
- Consult the retailer about appliance take back schemes

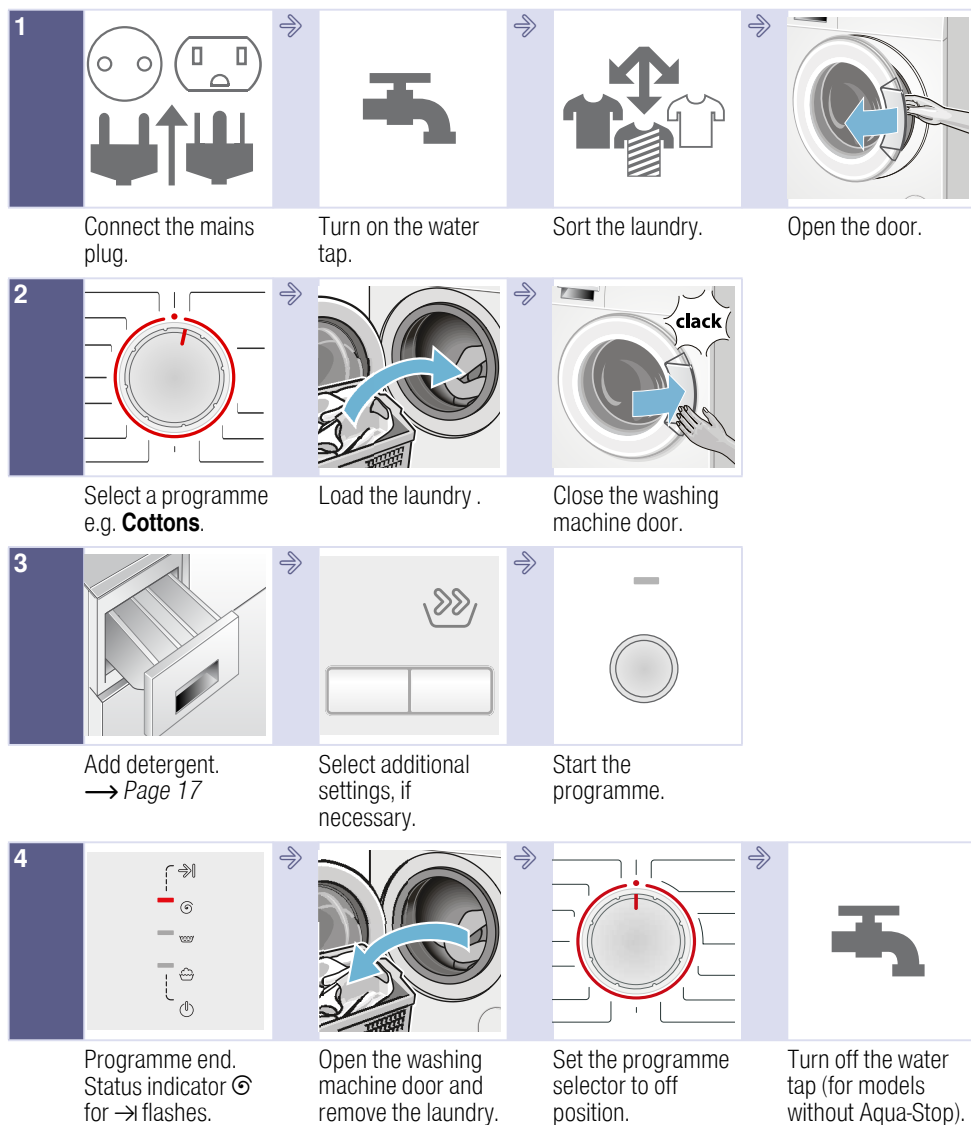
Don'ts

- Don't dump the discarded Electronic Equipment in the open or in any land fill site, as this will result in contamination of the soil and the ground water
- Don't dispose of the discarded Electronic Equipment in household bins or Municipal bins
- The product is not meant for re-sale to any unauthorized agencies/scrap dealers
- Don't keep any replaced spare part(s) from the product in an exposed area

Tips on economical use

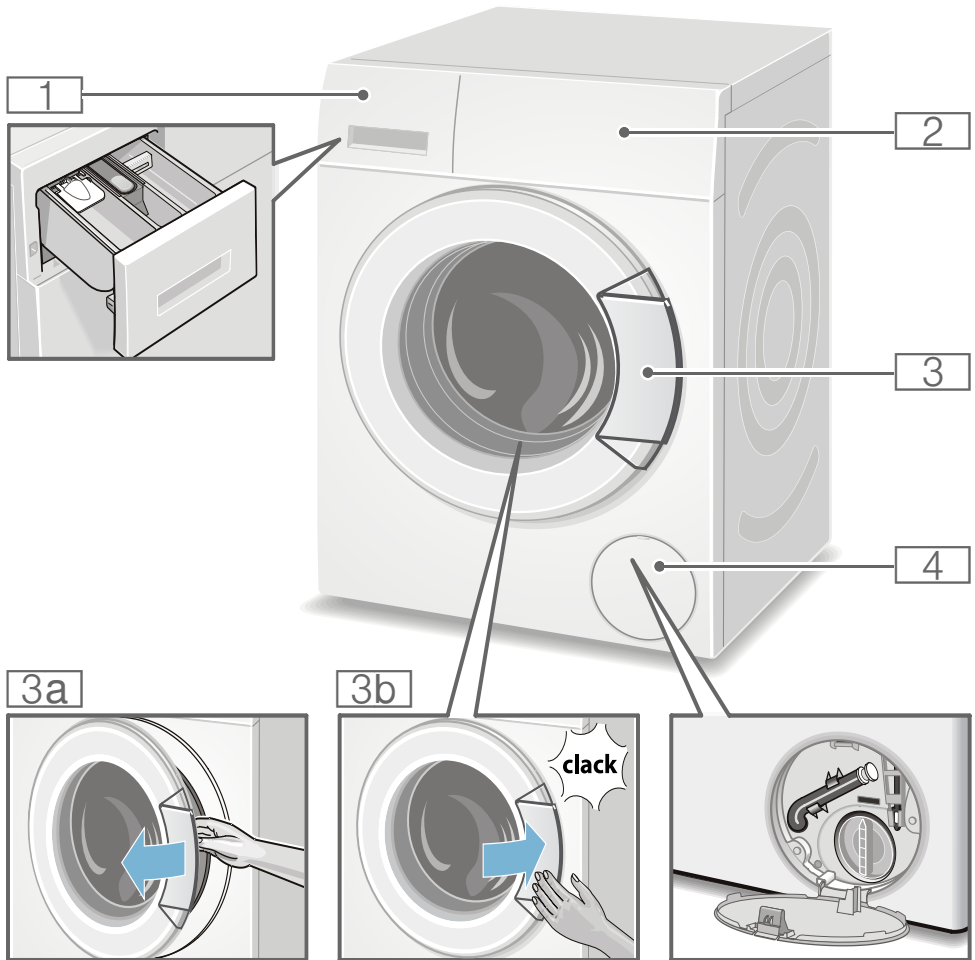
- Always fill the appliance with the maximum amount of laundry for the relevant programme.
Overview of programmes
→ Page 13
- Wash normally soiled laundry without a prewash.
- Save energy and detergent when washing lightly and normally soiled laundry.
Saving energy and detergent
→ Page 12
- **Energy-saving mode:** The display panel lighting goes out after a few minutes and **Start/Pause** ▷|| flashes. To activate the lighting, press any button.
Energy-saving mode is not activated if a programme is running.
- If the laundry is subsequently dried in a tumble dryer, select the spin speed according to the tumble dryer manufacturer's instructions.

Main points in brief



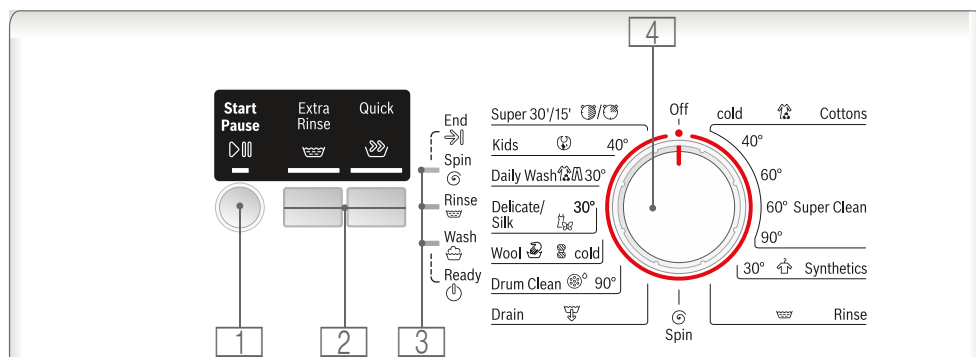
Getting to know the appliance

Washing machine



- 1** Detergent drawer → *Page 17*
- 2** Controls/display elements
- 3** Washing machine door with window handle
- 3a** Open the washing machine door
- 3b** Close the door
- 4** Service flap

Control panel



- 1 **Start/Pause** ▶|| for starting, interrupting and cancelling a programme
- 2 **Extra Rinse** 🪣, **Quick** ⚡ for choosing the additional programme settings
Overview of all programme settings → *Page 15*
- 3 Status indicators for the programme progress (programme sequence):
 ➡|| : End
 ⌚ : Spin
 🪣 : Rinse
 🧺 : Wash
 ⏻ : Ready
- 4 Programme selector for selecting a programme and for switching the machine on and off



Laundry

Prepare the laundry

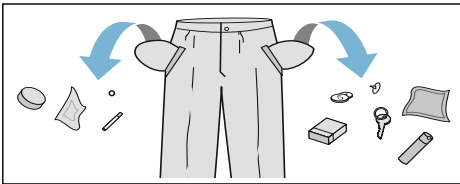
Caution!

Damage to the appliance/fabrics

Foreign objects (e.g. coins, paper-clips, needles, nails) may damage the laundry or components in the washing machine.

Therefore, note the following tips when preparing your laundry:

- Empty pockets.



- Look out for metal items (paperclips, etc.) and remove them.
- Wash delicates in a laundry bag (tights, underwired bras, etc.).
- Close any zips, button up any cover buttons.
- Brush sand out of pockets and collars.
- Remove curtain fittings or place curtains in a laundry bag.

Sorting laundry

Sort your laundry according to the care instructions and manufacturer's information on the care labels:

- Type of fabric/fibre
- Colour

Note: Laundry can discolour or not be cleaned correctly. Wash white and coloured laundry separately. Wash new bright fabrics separately the first time you wash them.

- Soiling
Wash laundry with the same level of soiling together.

You can find examples of levels of soiling on → *Page 12*

- **Light:** Do not prewash, select the Quick setting if necessary
- **Normal**
- **Heavy:** Load less laundry, select a programme with prewash
- **Stains:** Remove/pretreat stains while they are fresh. First, dab the stain with soapy water/do not rub. Then wash the items of laundry with the appropriate programme. Stubborn/dried-in stains can sometimes only be removed with several washes.

- Symbols on the care labels
The numbers in the symbols indicate the maximum washing temperature which may be used.

- : Suitable for a normal washing process; e.g. **Cottons** programme
- : A gentle washing process is required; e.g. **Easy-Care** programme
- : An especially gentle washing process is required; e.g. **Delicate/Silk** programme
- : Suitable for washing by hand; e.g. **Wool** programme
- : Do not wash the laundry in the machine.

Detergent

Correct selection of detergent

The care label is crucial for selecting the correct detergent, temperature and treatment of the laundry.

Note: Only use detergents for front-loading washing machines, low suds/ detergent foam.

- **Standard detergent with optical brighteners**
Suitable for boil-washable white laundry made from linen or cotton
Programme: Cottons/
cold - max. 90 °C
- **Detergent for colours without bleach or optical brighteners**
Suitable for coloured laundry made from linen or cotton
Programme: Cottons/
cold - max. 60 °C
- **Detergent for colours/delicates without optical brighteners**
Suitable for coloured laundry made from easy-care fibres, synthetic fibres
Programme: Easy-Care/
cold - max. 60 °C
- **Detergent for delicates**
Suitable for delicate, fine fabrics, silk or viscose
Programme: Delicate/Silk/
cold - max. 40 °C
- **Detergent for woollens**
Suitable for wool
Wool programme/
cold - max. 40 °C

Saving energy and detergent

For light and normal soiling, you can save energy (lower washing temperature) and detergent.

Saving	Soiling/note
Reduced temperature and detergent quantity as per the recommended dosage	Light No visible dirt or stains. Clothing has taken on some body odour, e.g.: ■ Light summer/sports clothing (worn for a few hours) ■ T-shirts, shirts, blouses (worn for up to one day) ■ Guest bed linen and hand towels (used for one day)
	Normal Visible dirt or a few light stains, e.g.: ■ T-shirts, shirts, blouses (sweat soaked, worn a few times) ■ Towels, bedding (used for up to one week)
	Heavy Dirt and/or stains clearly visible, e.g. tea towels, baby items, work clothing

Note: When measuring the amount of all detergents/additives/care products and cleaning agents, please always check the manufacturer's instructions and information.
Measure and add detergent and care products → Page 17



Overview of programmes

Programmes on the programme selector

Programme/type of laundry/information	Settings/Presettings of the programmes are highlighted in bold
Name of programme Short explanation of the programme or the fabric for which it is suitable.	Max. load; * Reduced load for Quick  function Temperature that can be selected Spin speed that can be selected; ** Max. spin speed, depending on the model Possible programme settings
 Cottons Super Clean Hard-wearing fabrics, heat-resistant fabrics made of cotton or linen Note: The Quick  setting is suitable as a short programme for lightly soiled laundry.	Max. 7 kg/4* kg cold - 40 - 60 - 90 °C 1000** rpm  , 
 Synthetics Fabrics made from synthetic or blended fabrics	Max. 3.5 kg 30 °C 1000** rpm  , 
 Rinse Extra rinse with spin	- - 1000** rpm 
 Spin Extra spin	- - 1000** rpm -
Super 30'/15'   Extra-short programme of approx. 30 minutes, suitable for small items of lightly soiled laundry Note: Shorter programme duration (approx. 15 minutes) for activated Quick  setting → Page 15	Max. 3.5 kg/2 kg cold 800** rpm -

Programme/type of laundry/information	Settings/Presettings of the programmes are highlighted in bold
Kids  Hard-wearing fabrics, heat-resistant fabrics made of cotton or linen	Max. 7 kg/4* kg 40 °C 1000** rpm  
Daily Wash  A mixed load of fabrics made of cotton and synthetic fabrics	Max. 3.5 kg 30 °C 1000** rpm  
Delicate/Silk  For delicate, washable fabrics, e.g. made of silk, satin, synthetic fibres or blended fabrics (e.g. silk blouses, silk scarves) Note: Use a detergent which is suitable for machine washing delicates or silk.	Max. 2 kg 30 °C 800 rpm  
Wool  Hand or machine-washable fabrics made of wool or that contain wool; particularly gentle wash programme to prevent shrinkage of laundry, with longer programme breaks (fabrics rest in the detergent solution)	Max. 2 kg cold 800 rpm -
Notes ■ Wool is of animal origin, e.g.: Angora, alpaca, llama, sheep. ■ Use a detergent which is suitable for machine washing wool.	
Drum Clean  Programme for cleaning and caring for the drum and the outer tub, e.g. before the 1st wash cycle, if an odour has formed after a prolonged absence or if washing frequently at a low washing temperature (40 °C and lower)	- 90 °C 800 rpm -
Notes ■ Run programme without laundry. ■ Use only detergents for front loader washing machines. Do not use additional cleaning agents.	
Drain  Drain of the rinsing water	- - 1000** rpm

Starching

Note: Laundry shall not be treated with fabric softener.

Starching is possible in all wash programmes if liquid starch is used. Measure starch into compartment  in accordance with the manufacturer's instructions (clean first if necessary).

Dyeing/bleaching

Dye should only be used in normal household quantities. Salt may damage stainless steel. Always follow the dye manufacturer's instructions.

Do **not** use the washing machine to bleach clothes.

Soaking

1. Pour soaking agent/detergent into compartment **II** in accordance with the manufacturer's instructions.
2. Select desired programme.
3. Press **Start**/Pause .
4. After approx. ten minutes, press **Start**/**Pause** .
5. After the required soaking time, press **Start**/Pause  again to continue or change the programme.

Notes

- Load laundry of the same colour.
- No additional detergent is required; the soaking solution is used for washing.

Additional programme settings

Extra Rinse

Increased water level and additional rinse cycle, extended washing time. For areas with very soft water or for further enhancing the spin result.

Quick

For washing in a shorter time with a washing result comparable to that of the standard programme.

Note: Do not exceed the maximum load.

Overview of programmes → *Page 13*



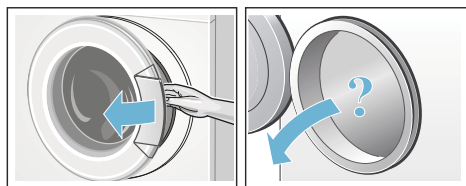
Operating the appliance

Preparing the washing machine

Note: The washing machine **must be correctly installed and connected.**

→ Page 27

1. Connect the mains plug.
2. Turn on the water tap.
3. Open the door.
4. Check that the drum is completely drained. Drain if necessary.



Select programme/switch on the appliance

Use the programme selector to select the required programme. Can be turned in either direction.

The machine is switched on.

Select additional programme settings

By selecting additional settings, you can better adapt the washing process to your items of laundry.

The settings can be selected or deselected depending on the programme progress.

The indicator lamp for the button lights up if a setting is active.

The settings are not saved when the appliance is switched off.

Additional settings → Page 15

Overview of programmes → Page 13

Placing laundry into the drum



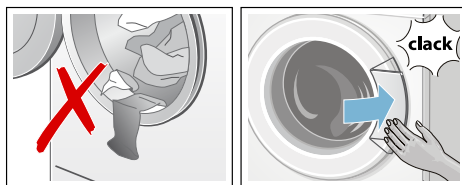
Warning **Danger of death!**

Items of laundry pretreated with cleaning agents that contain solvents, e.g. stain remover/cleaning solvent, may cause an explosion after being loaded into the washing machine. Hand-rinse items of laundry thoroughly beforehand.

Notes

- Mix items of laundry of varying sizes. Laundry items of different sizes distribute themselves better during the spin cycle. Individual items of laundry may lead to imbalances.
- Observe the specified maximum load. Overfilling has a negative impact on the washing result and promotes creasing.

1. Place presorted items of laundry unfolded in the washing drum.
2. Make sure that no items of laundry are trapped between the washing machine door and the rubber seal, and close the door.



The Start/Pause button indicator lamp flashes and the programme settings continue to be displayed on the display panel one after another. It is possible to change the settings.

Measure and add detergent and care products

Caution!

Damage to the appliance

Cleaning agents and agents for pretreating laundry (e.g. stain removers, prewash sprays, etc.) may cause damage if they come into contact with the surfaces of the washing machine. Do not allow these agents to come into contact with the surfaces of the washing machine. If necessary, immediately wipe away spray residue and other residues/droplets with a damp cloth.

Measuring

Measure the detergent and care products according to:

- Water hardness; ask your water supply company
- The manufacturer's instructions on the packaging
- The amount of laundry
- Soiling

Filling



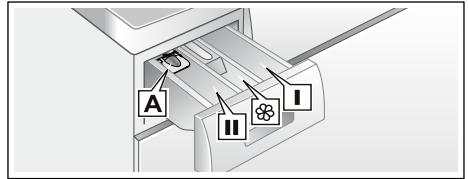
Warning

Eye/skin irritation!

Detergent and care products may spray out if the detergent drawer is opened while the machine is in operation. Open the drawer carefully. Rinse eyes or skin thoroughly if they come into contact with detergent/care products. If swallowed accidentally, seek medical advice.

Note: Dilute viscous fabric softener and fabric conditioner with water; this prevents blockages.

Pour the detergent and care products into the appropriate compartments:



Measuring aid **A*** For liquid detergent
Compartment **II** Detergent for the main wash, water softener, bleach, stain remover

Compartment Fabric softener, starch
Do not exceed the **max.**

Compartment **I** Detergent for prewash

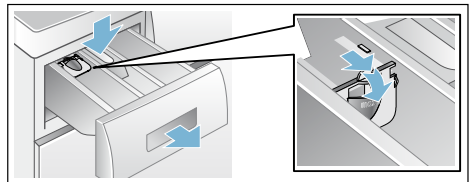
1. Pull out the detergent drawer as far as possible.
2. Add detergent and/or care products.
3. Close the detergent drawer.

Measuring aid* for liquid detergent

*depending on the model

Position the measuring aid for measuring the correct amount of liquid detergent:

1. Pull out the detergent drawer. Press down the insert and fully remove the drawer.
2. Slide the measuring aid forwards, fold it down and click it into place.
3. Reinsert the drawer.



Note: Do not use the measuring aid for gel detergents and washing powder, or

for programmes with prewash or when "Ready in" time is selected.

For models without a measuring aid, pour the liquid detergent into the appropriate dispenser and place it in the drum.

Start the programme

Select the **Start/Pause**  button. The indicator lamp lights up and the programme starts.

During the programme status indicators show programme progress (programme sequence).

Changing the programme

If you have started the wrong programme by mistake, you can change the programme as follows:

1. Press **Start/Pause** .
2. Select the other programme.
3. Press **Start/Pause** . The new programme starts from the beginning.

Cancel the programme

Programmes at high temperatures:

1. Press **Start/Pause** .
2. To cool the laundry: Select  **Rinse**.
3. Press **Start/Pause** .

For programmes at low temperatures:

1. Press **Start/Pause** .
2. Select  **Spin** or  **Drain**.
3. Press **Start/Pause** .

Programme end

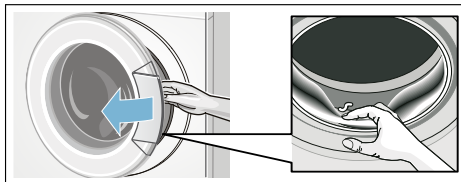
Indicator lamp  for → flashes and the **Start/Pause**  button indicator lamp is off.

Removing laundry/switching off the appliance

1. Open the washing machine door and remove the laundry.
2. Set the programme selector to off position. The appliance is switched off.
3. Turn off the water tap.

Notes

- Do not leave any items of laundry in the drum. They may shrink in the next wash or discolour another item.
- Remove any foreign objects from the drum and the rubber seal – risk of rusting.



- Leave the washing machine door and detergent drawer open so that any residual water can dry away.
- Always wait for the end of the programme, otherwise the appliance may still be locked. Then switch on the appliance and wait for it to unlock.
- If the display panel goes off at the end of a programme, energy-saving mode is active. To activate the panel, press any button.



Sensors

Automatic load sensing

The automatic load sensing function adapts the water consumption ideally to each programme depending on the type of fabric and the load.

Unbalanced load detection system

The automatic unbalanced load detection system detects imbalances and ensures even distribution of the laundry by repeatedly starting and stopping drum spinning.

If the laundry is extremely unevenly distributed, the speed is reduced or the spin cycle is not performed for safety reasons.

Note: Place large and small items of laundry evenly in the drum.
Faults and what to do about them
→ Page 22



Cleaning and maintenance



Warning **Danger of death!**

There is a risk of electric shock if you touch live components.
Switch off the appliance and unplug the mains plug.



Warning **Risk of poisoning!**

Toxic vapours can be produced by cleaning agents that contain solvents, e.g. cleaning solvent.
Do not use cleaning agents that contain solvents.

Caution!

Damage to the appliance

Cleaning agents that contain solvents, e.g. cleaning solvent, can damage surfaces and components in the machine.
Do not use cleaning agents that contain solvents.

Machine housing/control panel

- Wipe the housing and the control panel with a soft, damp cloth.
- Remove the detergent residue immediately.
- Do not clean with a water jet.

Drum

Use chlorine-free cleaning agents and not steel wool.

Descaling

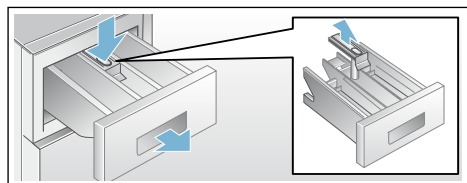
Descaling should not be necessary if the detergent is measured out correctly. However, if it is required, follow the manufacturer's instructions for the descaling agent. Suitable descalers can

be obtained via our website or from our after-sales service. → Page 25

Detergent drawer and housing

If the washing machine contains detergent or fabric softener residues:

1. Pull out the detergent drawer. Press down the insert and fully remove the drawer.
2. To remove the insert: Push the insert upwards from below with your finger.



3. Clean the detergent dispenser tray and insert with water and a brush, and dry it. Clean the inside of the housing as well.
4. Fit the insert and lock it in place (push the cylinder onto the guide pin).
5. Push in the detergent drawer.

Note: Leave the detergent drawer open so that any residual water can evaporate.

Detergent solution pump blocked



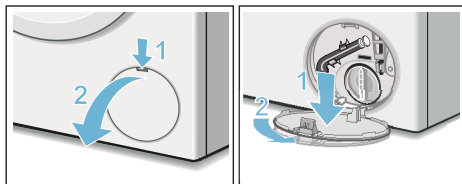
Warning Risk of scalding!

When you wash at high temperatures, the water gets very hot. If you come into contact with the hot water, you may be scalded.

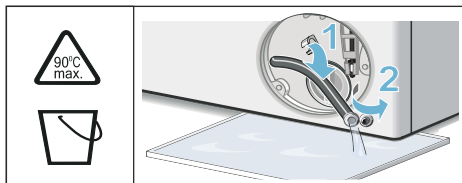
Allow the water to cool down.

1. Turn off the water tap so that no more water can flow in and has to be drained via the drain pump.
2. Switch off the appliance. Disconnect the mains plug.

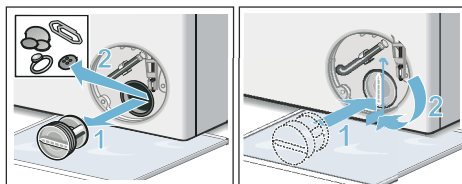
3. Open and remove the service flap.



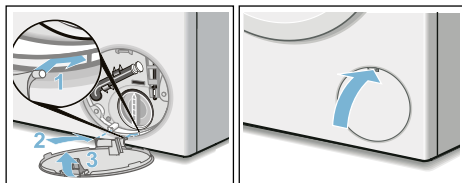
4. Take the drain hose out of the retainer. Remove the sealing cap, allow the detergent solution to flow out into a suitable container. Replace the sealing cap and place the drainage hose in the retainer.



5. Carefully unscrew the pump cover, residual water may leak out. Clean the interior, pump cover thread and pump housing. The impeller in the detergent solution pump must be able to rotate. Refit the pump cover and screw it on tightly. The handle must be in a vertical position.



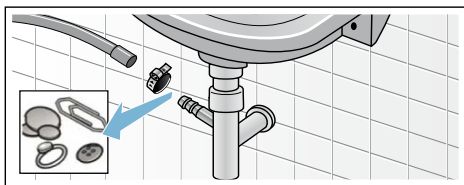
6. Place the service flap back on, lock it into place, and close it.



Note: To prevent unused detergent from flowing straight into the drain during the next wash: Pour 1 litre of water into compartment **II** and start the **Drain**  programme.

The drain hose at the siphon is blocked

1. Switch off the appliance. Disconnect the mains plug.
2. Loosen the hose clamp. Carefully remove the drain hose, residual water may leak out.
3. Clean the drainage hose and siphon connecting piece.

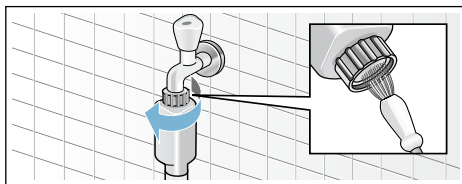


4. Reattach the drainage hose and secure the connection using the hose clamp.

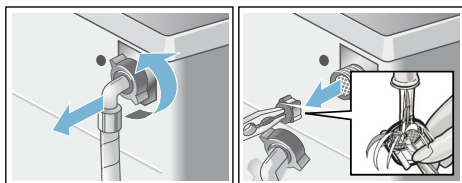
Filter in the water supply blocked

For this, first reduce the water pressure in the supply hose:

1. Turn off the water tap.
2. Select any programme (except  Rinse// Drain ).
3. Press **Start/Pause** . Allow the programme to run for approximately 40 seconds.
4. Set the programme selector to off position. Disconnect the mains plug.
5. Clean the filter on the water tap: Remove the hose from the water tap. Clean the filter with a small brush.



6. For standard and Aqua-Secure models, clean the filter on the rear of the appliance: Remove the hose from the rear of the appliance, Remove the filter using pliers and clean the filter.



7. Connect the hose and check for leaks.

Faults and what to do about them.

Emergency release

e.g. in the event of a power outage

The programme will continue running when the power supply has been restored.

However, if the laundry has to be removed, the washing machine door can be opened as follows:

Warning **Risk of scalding!**

When you are washing at high temperatures, there is a risk of scalding if you come into contact with detergent solution and laundry.
If possible, leave it to cool down.

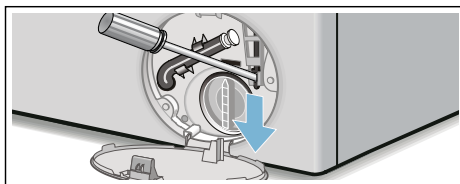
Warning **Risk of injury!**

You may injure your hands if you reach into the drum while it is turning.
Do not reach into the drum when it is turning.
Wait until the drum has stopped turning.

Caution! **Water damage**

Any escaping water may cause water damage.
Do not open the washing machine door if water can be seen through the glass.

1. Switch off the appliance. Disconnect the mains plug.
2. Drain the detergent solution.
3. Pull the emergency release downwards with a tool and release.
The washing machine door can then be opened.



Information on the display panel

Display	Cause/remedial action
Note: Indicator lights for status displays and/or buttons flash:	
Indicator lights  und  flash.	Close the washing machine door properly, laundry may be caught.
Indicator lights  und  flash.	■ Turn the water tap on fully, ■ The supply hose is kinked/trapped, ■ The water pressure is too low. – Clean the filter. → Page 21 – If an additional water filter has been installed (depending on model) → Page 30, check for contaminants and clean if required → separate installation and cleaning instruction for water filter.
Indicator lights  und  flash.	■ The detergent solution pump is blocked. Clean the detergent solution pump. → Page 20 ■ The drain hose/waste pipe is blocked. Clean the drain hose at the siphon. → Page 21
All indicator lights flash.	Turn off the tap and call the after-sales service. → Page 25

Faults and what to do about them.

Faults	Cause/remedial action
Water is leaking out.	■ Attach/replace the drainage hose correctly. ■ Tighten the screw connection of the supply hose.
No water supply. Detergent not dispensed.	■ Start/Pause  not pressed? ■ Tap not turned on? ■ Filter blocked? Clean the filter. → Page 21 Note: If an additional water filter has been installed (depending on model) → Page 21, check for contaminants and clean if required → separate installation and cleaning instruction for water filter. ■ Supply hose kinked or trapped?
Washing machine door cannot be opened.	■ Safety function active. Note: For safety reasons, the washing machine door remains locked when the water level or temperature is high (See → Cancel the programme → Page 18) or while the drum is rotating. ■ Can be opened by emergency release only? → Page 22
Programme does not start.	■ Start/Pause  pressed? ■ Washing machine door closed?
Detergent solution is not emptied.	■ Clean the detergent solution pump. → Page 20 ■ Clean the waste pipe and/or drainage hose. → Page 21
Water not visible in the drum.	Not a fault – water below the visible area.

Faults	Cause/remedial action
Spin result not satisfactory.	Not a fault – the unbalanced load detection system has interrupted the spin because the laundry is unevenly distributed.
Laundry wet/too damp.	Distribute large and small items of laundry evenly in the drum.
Spin cycle started and stopped several times.	Not a fault – the unbalanced-load detection system is adjusting the imbalance.
The programme duration is longer than usual.	■ Not a fault – the unbalanced-load detection system is adjusting the imbalance by repeatedly distributing the laundry. ■ Not a fault – the foam detection system active – adds an additional rinse cycle.
The programme duration changes during the wash cycle.	Not a fault – the programme sequence is optimised for the particular washing process. This may lead to occasional changes in the programme duration in the display panel.
Residual water in the compartment  for care products.	■ Not a fault – the effect of the care product is not affected. ■ Clean the insert if necessary.
Odours in the washing machine.	Run the  Drum Clean programme without laundry. Use standard detergent.
Foam escapes from the detergent drawer.	■ Too much detergent used? Mix one tablespoon of fabric softener with 1/2 litre water and pour into compartment II (not for outdoor fabrics, sportswear fabrics or those made with down). Reduce the detergent dosage for the next wash cycle. ■ Improper detergent use? Only use detergent suitable for front-loading washing machines.
Intense noise, vibrations and "wandering" during spinning.	■ Is the appliance levelled? Level the appliance. → <i>Page 32</i> ■ Are the appliance feet fixed? Secure the appliance feet. → <i>Page 32</i> ■ Transport locks removed? Remove the transport locks. → <i>Page 29</i>
Indicator lamps do not function during operation.	■ Power cut? ■ Circuit breakers tripped? Switch the circuit breakers back on or replace them. ■ If the fault occurs repeatedly, call the after-sales service. → <i>Page 25</i>
Detergent residues on the laundry.	■ Occasionally, phosphate-free detergents contain water-insoluble residues. ■ Select  Rinse or brush the laundry after washing.
If you cannot correct a fault yourself (after switching off/on) or a repair is required:	
■ Set the programme selector to off position. The appliance is switched off. ■ Unplug the mains plug from the socket. ■ Turn off the tap and call the after-sales service. → <i>Page 25</i>	



After-sales service

If you cannot correct the fault yourself, (see section, Faults and what to do about them → *Page 22*), please contact our after-sales service. → *Cover page*

We will always find an appropriate solution in order to avoid unnecessary visits by engineers.

Please give the after-sales service the product number (E no.) and the production number (FD) of the appliance.

E-Nr. _____ FD _____

Product number

Production number

You can find this information,
*depending on the model:

On the inside of the washing machine door*/in the opened service flap* and on the rear of the appliance.

Trust the expertise of the manufacturer.

Contact us for assistance. By doing so, you will ensure that the repairs are carried out by trained service personnel using genuine spare parts.

 Consumption rates

Consumption values table

Programme	Load	Energy consumption*	Water*	Programme duration*
 Cottons cold	7 kg	0.15 kWh	62 l	1 3/4 h
 Cottons 40 °C	7 kg	0.67 kWh	62 l	2 h
 Cottons 60 °C	7 kg	1.31 kWh	66 l	2 1/4 h
 Cottons 90 °C	7 kg	2.05 kWh	71 l	2 1/4 h
 Synthetics 30 °C	4 kg	0.30 kWh	57 l	1 1/2 h
 Delicate/Silk 30 °C	2 kg	0.17 kWh	48 l	3/4 h
 Wool cold	2 kg	0.03 kWh	42 l	3/4 h

Programme	Load	Energy consumption*	Water*	Programme duration*
Super Clean 60 °C**	7 kg	1.01 kWh	47 l	3 1/4 h
Values determined according to IEC 60456.				
* Observed values may deviate from the indicated values due to influence of water pressure, hardness and inlet temperature, ambient temperature, type, amount and soiling of laundry, detergent used, fluctuations in power supply and selected additional functions.				
** Programme setting with maximum spin speed for testing according to IEC 60456.				

Technical data

Dimensions:

850 x 600 x 590 mm
(Height x width x depth)

Weight

63-83 kg (depending on model)

Mains connection:

Mains voltage 220-240 V, 50 Hz

Nominal current 10 A

Nominal input 2300 W

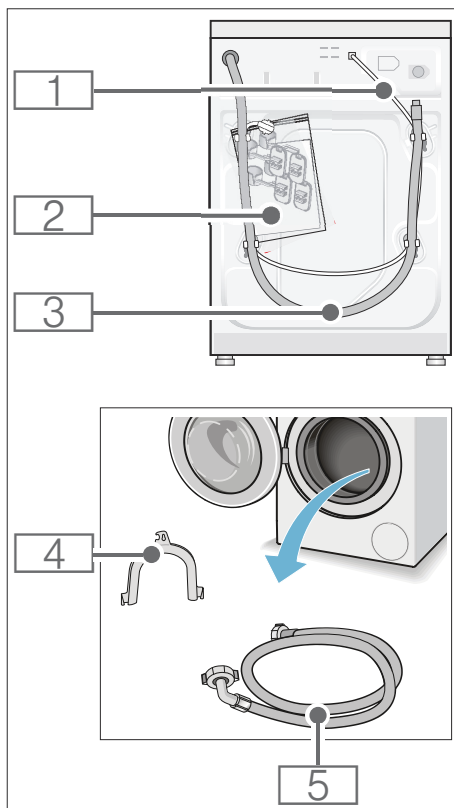
Water pressure:

100-1000 kPa (1-10 bar)

Positioning and connecting

Included with the appliance

Note: Check the machine for transport damage. Never use a damaged machine. If you have a complaint, please contact the retailer from whom you purchased the appliance, or our after-sales service.



1 Mains cable

2 Bag:

- Installation and operating instructions
- After-sales service location directory*
- Warranty*
- Cover caps for openings left after removing the transport locks
- Wrench*

3 Water drain hose

4 Elbow for securing the water drain hose*

5 Water supply hose on standard/Aqua-Secure models

*depending on the model

In addition, a hose clamp (24 - 40 mm diameter, available from specialist dealers) is required to connect the water drain hose to a siphon.

Useful tools

- Spirit level for levelling
- Wrench with:
 - WAF 13 for loosening the transport locks, and
 - WAF 17 for aligning the appliance feet

Safety instructions



Warning

Risk of injury!

- The washing machine is very heavy. Be careful when lifting/transporting the washing machine.
- When the washing machine is lifted by its protruding parts (e.g. the washing machine door), the components may break off and cause injuries. Do not lift the washing machine by protruding parts.
- If the hose and mains cables are not routed properly, there is a risk of tripping and injury. Lay hoses and cables in such a way that there is no risk of tripping.

Caution!

Damage to the appliance

Frozen hoses may rip/burst. Do not install the washing machine in areas exposed to frost or outdoors.

Caution!

Water damage

The connection points for the water supply hose and water drain hose are under high water pressure. To prevent leaks and water damage, you must follow the instructions in this section.

Notes

- 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.

Installation surface

Note: The washing machine must be stable aligned so that it does not move around.

- The installation surface must be firm and level.
- Soft floors/floor coverings are not suitable.

Installation on a base or a wooden joist floor

Caution!

Damage to the appliance

The washing machine may "wander" and tip/topple from the base when spinning.

The feet of the appliance must be secured with holding brackets.

Order no. WMZ 20490, WZ 20490 WZ 20510, WZ 20520

Note: On wooden joist floors, install the washing machine:

- In a corner, if possible,
- On a water-resistant wooden board (min. 30 mm thick) which is screwed tightly to the floor.

Installing the appliance in a kitchenette

Warning **Danger of death!**

There is a risk of electric shock if you touch live components.
Do not remove the appliance covering plate.

Notes

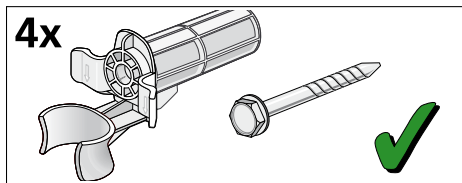
- Recess width of 60 cm required.
- Only install the washing machine underneath a continuous worktop that is securely connected to adjacent cabinets.

Removing the transport locks

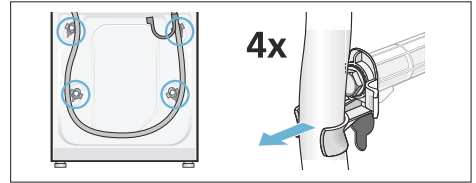
Caution! **Damage to the appliance**

- The machine is secured for transportation using transport locks. If the transport locks are not removed, the drum, for example, may become damaged when the machine is operated. Before using the appliance for the first time, make sure that you completely remove all four transport locks. Keep the locks in a safe place.
- To prevent transport damage from occurring if the appliance is moved at a later date, you must refit the transport locks before transporting the appliance.

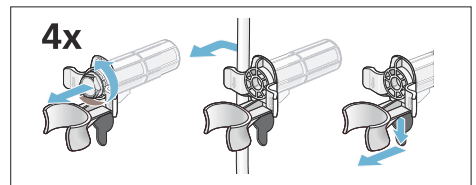
Note: Keep the screws and sleeves in a safe place.



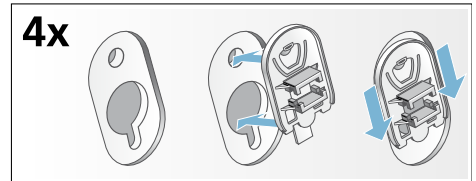
1. Take the hoses out of the holders.



2. Unscrew and remove all four transport brace screws. Remove the sleeves. To do this, remove the mains cable from the holders.

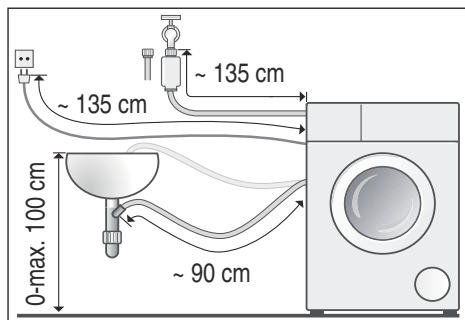


3. Fit the covers. Lock the covers firmly in place by applying pressure to the snap-in hooks.

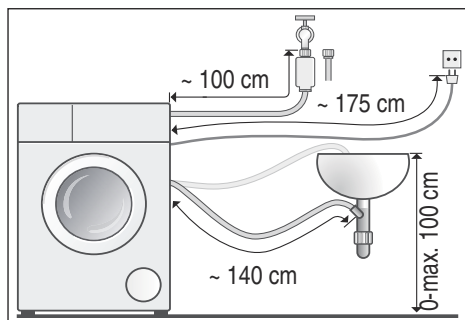


Hose and cable lengths

■ Left-hand connection



■ Right-hand connection



Tip: The following are available from specialist dealers/the after-sales service:

- An extension for Aqua-Stop or cold water supply hose (approx. 2.50 m); order no. WMZ2380, WZ10130, CZ11350, Z7070X0
- A longer supply hose (approx. 2.20 m) for standard model

Water inlet

Warning **Danger of death!**

There is a risk of electric shock if you touch live components.

Observe the following when connecting the machine:

Notes

- Only operate the washing machine using cold mains water.
- Do not connect the machine to the mixer tap of an unpressurised hot-water boiler.
- Do not use a used supply hose. Only use the supply hose supplied or one that was purchased from an authorised specialist retailer.
- Do not bend, squash, modify or cut through the water supply hose (otherwise its strength is no longer guaranteed).
- Only tighten the screw connections by hand. If the screw connections are tightened too much with a tool (pliers), the thread may be damaged.

Optimum water pressure in the supply network

At least 100 kPa (1 bar)

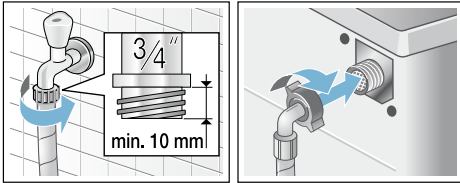
Maximum 1000 kPa (10 bar)

When the tap is open, the water flow is at least 8 l/min.

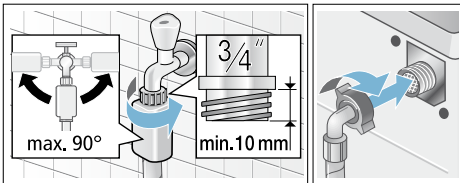
If the water pressure is higher than this, a pressure-reducing valve must be installed.

Connection

1. Connect the water supply hose to the water tap ($\frac{3}{4}" = 26.4 \text{ mm}$) and to the appliance:
– Model: **Standard**



- Model: **Aqua-Secure**



2. Open the water tap carefully, checking the leak tightness of the connection points. The screw connection is under mains water pressure.

Water outlet

Caution! Water damage

If the drain hose slips out of the wash basin or the connection point during draining due to high water pressure, any escaping water may cause water damage.

Secure the drain hose so that it cannot slip out.

Note: Do not kink the water drain hose or put strain on it lengthways.

You can lay the water drain hose as follows:

■ Outlet in a sink

Warning **Risk of scalding!**

When you are washing at high temperatures, there is a risk of scalding if you come into contact with hot detergent solution e.g. if hot detergent solution is being drained into a wash basin.

Do not reach into the hot detergent solution.

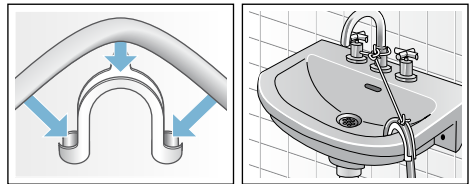
Caution!

Damage to the appliance/fabrics

If the end of the drain hose is immersed in the drained water, water may be sucked back into the appliance and may damage the appliance/fabrics.

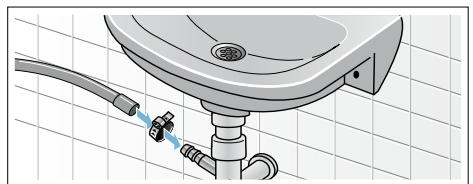
Make sure that:

- The plug does not block drainage from the sink.
- The end of the drain hose is not immersed in the drained water.
- The water drains away quickly enough.

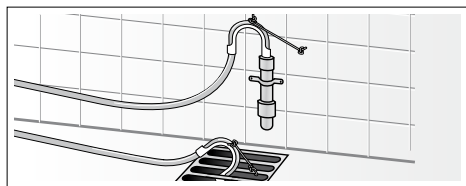


■ Drainage into a siphon

The connection point must be secured using a hose clamp with a diameter of 24-40 mm (available from specialist dealers).



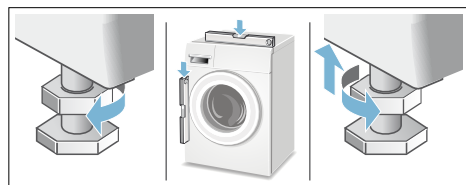
- **Outlet into a plastic pipe with rubber bushing or into a drainage pit**



Levelling

Level the appliance using a spirit level. Incorrect levelling may result in intense noise, vibrations and "wandering".

1. Loosen the lock nuts using a wrench, by turning it in a clockwise direction.
2. Check the alignment of the washing machine with a spirit level, and adjust it if necessary. Change the height by turning the appliance feet. All four appliance feet must stand firmly on the ground.
3. Tighten the lock nut against the housing.
In doing so, hold the foot tight and do not adjust its height. The lock nuts on all four appliance feet must be screwed tightly against the housing.



Electrical connection



Warning

Danger of death!

There is a risk of electric shock if you touch live components.

- Never touch or hold the mains plug with wet hands.
- Only pull out the mains cable by the plug and never by the cable, as this could damage it.
- Never unplug the mains plug during operation.

Observe the following information and ensure that:

Notes

- The mains voltage and voltage indicated on the washing machine (rating plate) are the same. The connected load and fuse required are specified on the rating plate.
- The mains plug fits the socket.
- The cable cross-section is adequate.
- The mains cable is only replaced by a qualified electrician (if this is necessary). Replacement mains cables are available from the after-sales service.
- No multiple plugs/couplings or extension cables are used.
- If an earth-leakage circuit breaker is used, only a type which displays this symbol is used: . Only this symbol guarantees compliance with the currently applicable regulations.
- The mains plug can be accessed at all times.
- The mains cable is not bent, squashed, modified, cut through, or in contact with heat sources.

Grounding Instructions



Warning **Danger of death!**

Improper connection of the ground may result in electric shock. Have the appliance checked by a qualified technician or licensed electrician if you are in doubt as to whether the washing machine has been properly grounded.

This appliance must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for the electric current. This appliance is equipped with a cord that has an equipment grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with local codes and ordinances. To ground the appliance use a 3 pin plug and properly grounded socket of 16 A rating.

Notes

- Do not modify the plug provided with the appliance. If the plug will not fit into outlet have a properly grounded outlet installed by qualified electrician. Do not cut, remove or bypass the grounding prong on the washing machine power cord plug.
- The wiring for the electrical outlet circuit must be sufficient to meet the appliance requirements. Use of Ground Fault Circuit Interrupter (GFCI) is recommended.
- Do not use the machine with an extension box, extension cord, spike busters etc., as this may lead to improper grounding conditions.

Before washing for the first time

The washing machine was thoroughly tested before leaving the factory. In order to remove any water which may be left over from the test, run the first washing cycle **without** any laundry.

Notes

- The washing machine **must be correctly installed and connected**
→ Page 27
 - Never use a damaged machine. Inform your after-sales service.
→ Page 25
1. Check the machine.
 2. Remove the protective film from the control panel.
 3. Connect the mains plug.
 4. Turn on the water tap.
 5. Close the washing machine door (do not load any laundry).
 6. Select the  **Drum Clean** programme.
 7. Open the detergent drawer.
 8. Pour approx. 1 litre of water into compartment **II**.
 9. Pour standard detergent into compartment **II**.
- Note:** To prevent foaming, only use half of the amount of detergent recommended by the detergent manufacturer. Do not use detergent for wool or delicates.
10. Close the detergent drawer.
 11. Press **Start/Pause** .
 12. Switch off the appliance at the end of the programme.

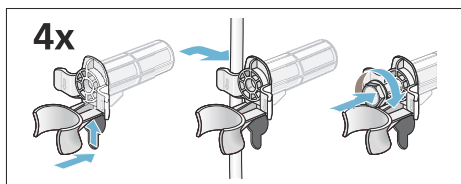
Your washing machine is now ready to use.

Transportation

e.g. when moving home

Preparatory work:

1. Turn off the water tap.
2. Reduce the water pressure in the supply hose.
Maintenance – filter in the water supply → *Page 21*
3. Drain the remaining detergent solution.
Maintenance – detergent solution pump blocked → *Page 20*
4. Disconnect the washing machine from the mains.
5. Remove the hoses.



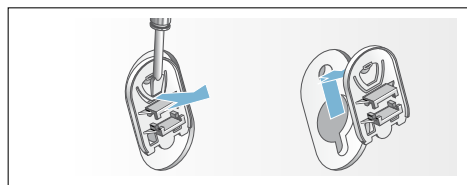
Before initial use:

Notes

- The transport locks **must** be removed. → *Page 29*
- To prevent unused detergent from flowing straight into the drain during the next wash: Pour approximately 1 litre of water into compartment **II** and select and start the **Drain**  programme.

Installing the transport locks:

1. Remove the covers and keep them in a safe place.
Use a screwdriver if necessary.



2. Insert all four sleeves.
Clip the mains cable securely in the holders. Insert and tighten the screws.





Advice and repair order in the event of faults

GB 0344 892 8979 (Calls charged at local or mobile rate.)
IE 01450 2655 (0.03 € per minute at peak. Off peak 0.0088 € per minute.)

You can find the contact information for all countries in the attached after-sales service directory.

Robert Bosch Hausgeräte GmbH
Carl-Wery-Straße 34
81739 München, GERMANY



9000968569 (9412)