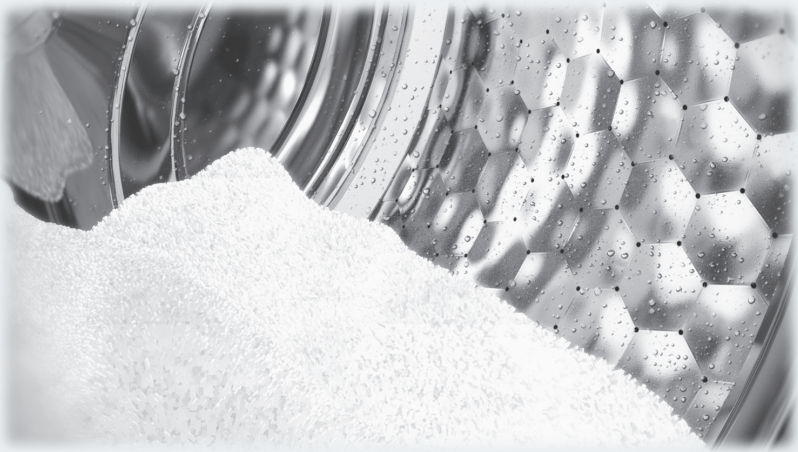
Operating instructions for washing machines



To avoid the risk of accidents or damage to the machine, it is **essential** to read these instructions before it is installed and used for the first time.

en-GB

M.-Nr. 10 834 350

Caring for the environment

Disposal of the packing material

The packaging is designed to protect the appliance from damage during transportation. The packaging materials used are selected from materials which are environmentally friendly for disposal and should be recycled.

Recycling the packaging reduces the use of raw materials in the manufacturing process and also reduces the amount of waste in landfill sites.

Disposing of your old appliance

Electrical and electronic appliances often contain valuable materials. They also contain specific materials, compounds and components, which were essential for their correct function and safety. These could be hazardous to human health and to the environment if disposed of with your domestic waste or if handled incorrectly. Please do not, therefore, dispose of your old appliance with your household waste.



Please dispose of it at your local community waste collection / recycling centre for electrical and electronic appliances, or contact your dealer or Miele for advice. You are also responsible (by law, depending on country) for deleting any personal data that may be stored on the appliance being disposed of. Please ensure that your old appliance poses no risk to children while being stored prior to disposal.

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This washing machine complies with current safety requirements. Inappropriate use can, however, lead to personal injury and damage to property.

To avoid the risk of accidents and damage to the machine, please read these instructions carefully before using it for the first time. They contain important information on its safety, use and maintenance.
Keep these instructions in a safe place and ensure that new users are familiar with the content. Pass them on to any future user.

Correct application

▶ This washing machine is intended for use in domestic households and similar working and residential environments.

▶ The washing machine is not intended for outdoor use.

▶ It must be used only as a domestic appliance to wash items which are specified by the manufacturer as being washable on the wash care label. Miele cannot be held liable for damage resulting from incorrect or improper use or operation.

▶ The washing machine can only be used by people with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, if they are supervised whilst using it or have been shown how to use it safely and recognise and understand the consequences of incorrect operation.

Safety with children

▶ Children under 8 years of age must be kept away from the washing machine unless they are constantly supervised.

▶ Children 8 years and older may only use the washing machine unsupervised if they have been shown how to use it safely and recognise and understand the consequences of incorrect operation.

▶ Children must not be allowed to clean or maintain the washing machine unsupervised.

▶ Please supervise children in the vicinity of the washing machine and do not let them play with it.

Technical safety

▶ Please observe the instructions in "Installation and connection" and "Technical data".

▶ Before setting up the washing machine, check it for any externally visible damage. Do not install or use a damaged machine.

▶ Before connecting the washing machine, ensure that the connection data on the data plate (fuse rating, voltage and frequency) match the mains electricity supply. If in any doubt, consult a qualified electrician.

▶ Reliable and safe operation of this washing machine can only be assured if it has been connected to the mains electricity supply.

▶ The electrical safety of this washing machine can only be guaranteed when correctly earthed.
It is essential that this standard safety requirement is met. If in any doubt, please have the wiring system of the building tested by a qualified electrician.
Miele cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

▶ Do not connect the washing machine to the mains electricity supply by a multi-socket adapter, extension lead or similar. These do not guarantee the required safety of the machine (fire hazard due to the risk of overheating).

▶ Faulty components must only be replaced by genuine Miele original spare parts. Only when these parts are fitted can Miele guarantee the safety standards of the machine.

▶ The electrical socket must be easily accessible after installation so that the machine can be disconnected from the electricity supply if necessary.

▶ Unauthorised repairs could result in unforeseen dangers for the user, for which the manufacturer cannot accept liability. Repairs should only be undertaken by a Miele authorised service technician, otherwise any subsequent damage will not be covered by the warranty.

▶ If the electrical connection cable is faulty it must only be replaced by a Miele authorised service technician to protect the user from danger.

▶ The machine must be isolated from the electricity supply when cleaning and maintaining the machine and in the event of a fault.

▶ The machine must only be connected to the on-site water supply using a new hose kit. Old hose kits must not be re-used. Check the condition of the hoses regularly so that you can replace them in good time and avoid the risk of any water damage.

▶ The water flow pressure must be at least 100 kPa and should not exceed 1000 kPa.

▶ In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the machine and its surroundings in a clean condition at all times. Any damage which may be caused by cockroaches or other vermin will not be covered by the warranty.

▶ The machine must not be used in a non-stationary location (e.g. on a ship).

▶ Do not make any alterations to the machine, unless authorised to do so by Miele.

Correct use

▶ Do not install the washing machine in a room where there is a risk of frost. Frozen hoses may burst or split. The reliability of the electronic control unit may be impaired at temperatures below freezing point.

▶ Before using the machine for the first time, check that the transit bars at the rear of the machine have been removed (see "Installation and connection - Removing the transit bars"). During spinning, a transit bar which is still in place may result in damage to both the machine and adjacent furniture or appliances.

▶ Turn off the stopcock if the machine is to be left for any length of time (e.g. holiday), especially if there is no floor drain (gully) in the immediate vicinity.

▶ Flooding danger.
If hooking the drain hose into a wash basin, check that the water can drain off quickly enough to prevent the sink from overflowing. Make sure the drain hose is secure, so that the force of the water flowing out of the hose does not dislodge it.

▶ Take care to ensure that foreign objects (e.g. nails, pins, coins, paper clips) do not find their way into the machine with the laundry. These may damage components of the machine (e.g. suds container, drum), which in turn can result in damage to the laundry.

▶ The maximum load for this washing machine is 7 kg (dry weight). See the "Programme chart" for the maximum recommended loads for individual programmes.

▶ If the correct amount of detergent is dispensed, the machine should not need to be descaled. If, however, you do wish to descale it, only use a proprietary natural citric acid based descaling agent. Miele recommends using Miele descaling agent which is available to order online at www.miele-shop.com or from Miele. Strictly observe the instructions on the packaging.

▶ Textiles which have been pre-treated in solvent based cleaning agents must be thoroughly rinsed in clean water before being washed in the machine.

▶ Do not use solvent based cleaning agents, e.g. those containing benzine, in this machine, as this may result in damage to component parts and create toxic fumes. Such agents also pose a fire and explosion hazard.

▶ Do not use solvent based cleaning agents, e.g. those containing benzine, to clean the surfaces of the machine. They can cause damage to plastic surfaces.

▶ Only use dyes specified by the manufacturer as being suitable for use in a domestic washing machine. Always observe the manufacturer's instructions carefully.

▶ Colour run and dye removers contain sulphur compounds which can cause damage such as corrosion. Do not use these products in this machine.

▶ If detergent comes into contact with the eyes, rinse them thoroughly with lukewarm water immediately. If swallowed, seek medical assistance immediately and retain the packaging or label for reference. Those with skin problems or sensitive skin should avoid their skin coming into contact with detergent.

Accessories

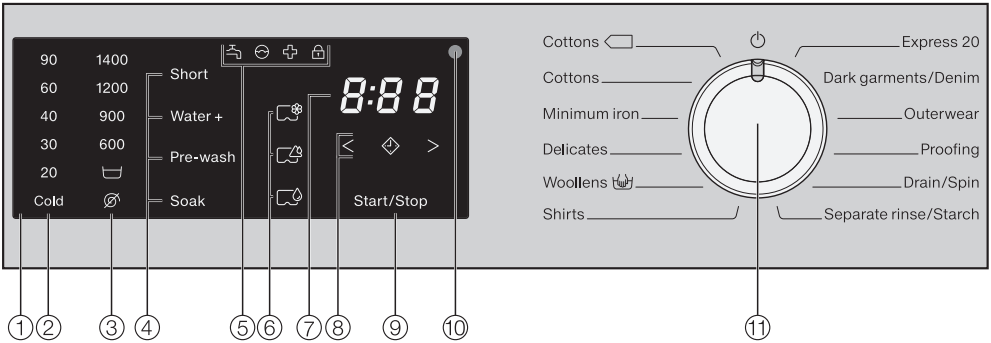
▶ Accessory parts may only be fitted when expressly approved by Miele. If other parts are used, warranty, performance and product liability claims will be invalidated.

▶ A Miele tumble dryer can be stacked on top of a Miele washing machine using the appropriate stacking kit (available as an optional accessory). Please make sure you order the correct one for the Miele washing machine and Miele tumble dryer.

▶ If installing the machine on a Miele plinth, (available as an optional accessory, depending on country), please make sure you order the correct one for this washing machine.

Miele cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

Control panel



① **Control panel**

② **Sensor controls – temperature**
for selecting the temperature.

③ **Sensor controls – spin speed**
for selecting the spin speed.

④ **Sensor controls – extras**
various options can be added to the wash programmes.

⑤ **Indicator lights**
light up when necessary

⑥ **Sensor controls – CapDosing**

⑦ **Time display**
for the programme duration

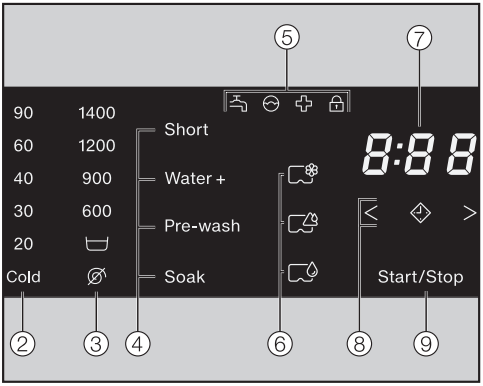
⑧ **Sensor controls** < >
for the delay start function

⑨ **Sensor control – *Start*/*Stop***
for the programme start/cancellation

⑩ **Optical interface**
for service technicians

⑪ **Programme selector**
for programme selection and for switching the machine off. Selecting a programme switches the washing machine on, and turning the programme selector to ⏻ switches the machine off.

How the control panel works



The ②, ③, ④, ⑥, ⑧ and ⑨ sensors react to fingertip contact. Selection is possible as long as the respective sensor is illuminated.

If a sensor is brightly lit, this means: currently selected

If a sensor is dimly lit, this means: selection possible

② and ③ sensors for temperature and spin speed

After selecting a wash programme with the programme selector, the recommended temperature (in °C) and spin speed (in rpm) light up brightly.

Selectable temperatures and spin speeds light up dimly.

④ Sensor controls for extras

You can select extra options to augment the wash programmes.

If a wash programme has been selected, the sensor controls for the possible extras light up dimly.

⑤ Indicator lights

– light up if there are faults with the water inlet and drainage

– lights up if excess detergent was used

– lights up as a reminder about hygiene information

– flashes for as long as it is possible to add laundry
lights up when the door of the washing machine is locked

⑥ CapDosing

The CapDosing sensors are used for activating cap dosing.

– Fabric care (e.g. fabric conditioner, proofing agent)

– Additives (e.g. detergent enhancers)

– Detergent (for the main wash only)

⑦ **Time display**

After the programme has started, the programme duration will appear in the display in hours and minutes.

If delay start has been selected, the programme duration will appear at the end of the delay start time.

⑧ **Sensor controls** < ◇ >

– ◇
After touching the ◇ sensor, a later start time for the programme (delay start) can be selected. Once selected, ◇ lights up brightly.

– < >
The duration of the delay start period is selected by touching the < or > sensor.

The delay start time selected will appear in the time display.

After the programme has started, the delay start time will begin to count down.

Once the delay start time has elapsed, the programme begins and the estimated programme duration appears in the time display.

⑨ **Start/Stop sensor control**

Touching the *Start*/*Stop* sensor starts the selected programme or cancels a programme that has already been started. The sensor flashes slowly as soon as it is possible for a programme to be started and then lights up constantly after the programme has started.

⚠ Before using the machine for the first time ensure that it is correctly installed and connected. See "Installation and connection". Also check that the drain filters are securely tightened to prevent the risk of water leaks during use.

Remove the protective foil and stickers

■ Remove

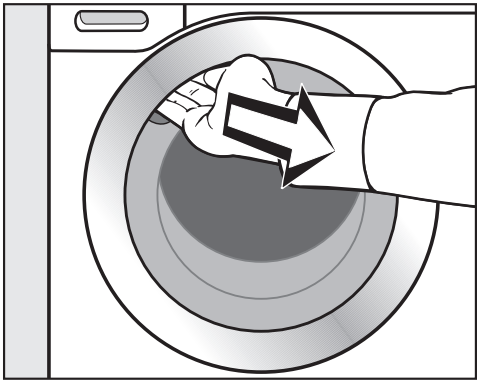
– the protective foil from the door.

– any stickers from the front and the lid.

⚠ Please do not remove any labels (e.g. the data plate), visible when you open the door.

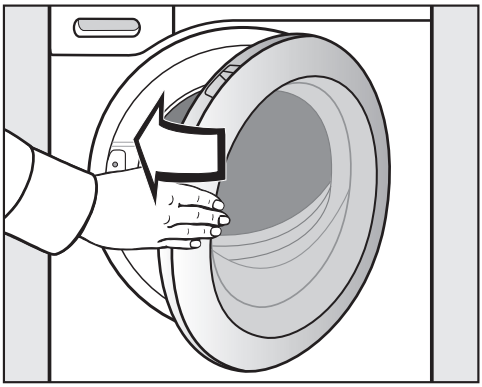
Remove the drain hose elbow from the drum

An elbow piece for the drain hose is stored in the drum.



■ Reach under the door grip and pull the door open.

■ Remove the elbow piece.



■ Shut the door with a gentle swing.

This washing machine has undergone a complete functional test at the factory and there will be some residual water in the drum from this process.

For safety reasons, spinning is not possible until the machine has been prepared for using for the first time. To activate the spinning function you must run a wash programme without laundry and without detergent.

Using detergent could result in an excessive build-up of foam.

This also activates the ball valve. The ball valve prevents detergent escaping from the suds container into the sump during a wash programme, thus making maximum use of the detergent.

Running the first programme

- Open the stopcock.
- Turn the programme selector to *Cottons*.

The washing machine is now switched on and in the control panel, the temperature *60 °C* lights up.

- Touch the *Start*/*Stop* sensor.

The programme will start and the 🔒 symbol lights up in the control panel.

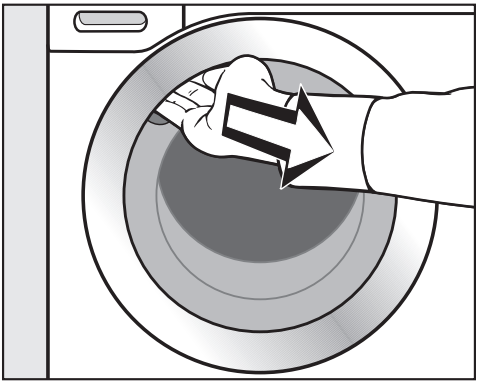
After 10 minutes, the indicators dim and the *Start*/*Stop* sensor starts flashing.

After the end of the programme

At the end of the programme, the anti-crease phase is switched on. The 🔒 symbol lights up in the control panel; *0:00* appears in the time display and the drum occasionally rotates.

- Touch the *Start*/*Stop* sensor.

The door will unlock.



- Reach under the door grip and pull the door open.

Tip: Leave the door slightly open to allow the drum to dry.

- After the end of the programme, turn the programme selector to ⏻.

The washing machine is switched off again and is now ready for use.

Energy savings

– Ten minutes after the beginning of the anti-crease phase, the indicators dim and the *Start*/*Stop* sensor starts flashing.

– Fifteen minutes after completion of the anti-crease phase, the washing machine is completely switched off and the door lock lifted.

Washing environmentally and economically

Energy and water consumption

– Water consumption and energy usage are determined by the size of the load.
To make the most of your machine, load the maximum dry load for the programme you are using.

– When smaller amounts of laundry are washed, the automatic load control will reduce the amount of water and energy used.

– Use the *Express 20* programme for small, lightly soiled loads.

– Modern detergents make it possible to wash at lower temperatures (e.g. *20 °C*). Washing using lower temperature settings will save energy.

– To maintain the hygiene of the machine, carry out a hot wash (above 60 °C) at regular intervals. The ✣ indicator will light to remind you to carry out a hot wash.

Detergent

– Do not exceed the amounts of detergent recommended by the manufacturer on the packaging.

– Adjust the dosage to the degree of soiling of the laundry.

– Reduce the amount of detergent with smaller loads (approx. ⅓ less than the amount recommended can be used when washing a half load).

Choosing the correct extra option (Short, Soak, Pre-wash)

Select:

– A wash programme together with the Short extra option *for light to normal soiling* where there are no obvious marks.

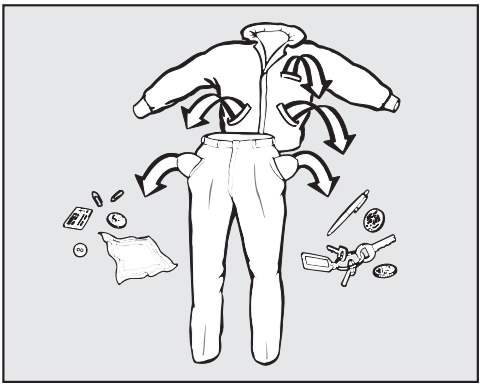
– A wash programme without any extra options for normal to heavy soiling with visible staining.

– A wash programme together with the *Soak* extra option for heavily soiled laundry.

– The *Pre-wash* extra option for laundry with large amounts of dirt (e.g. dust, sand).

When drying with a tumble dryer

Selecting the highest possible spin speed for the wash programme will save energy when drying in a tumble dryer afterwards.



- Empty all pockets.

⚠ Foreign objects (e.g. nails, coins, paper clips, etc.) can cause damage to garments and to components in the machine.
Check the laundry before washing and remove any foreign objects.

Sort the laundry

- Sort the laundry by colour and by care label. Most garments have a textile care label in the collar or side seam.

Tip: Dark textiles often contain excess dye and should be washed separately several times before being included in a mixed load. Always wash whites and coloureds separately.

Pre-treat stains

- Badly soiled areas, stains etc. should be cleaned as soon as possible, preferably whilst still fresh. Spillages should be carefully dabbed off using a soft, colourfast cloth. Do not rub.

Tip: Badly soiled areas can be pre-treated with liquid detergent, stain removers etc. first, following the manufacturer's instructions. With particularly stubborn stains ask your dry cleaner for advice.

⚠ Solvent-based cleaners (e.g. benzine) can damage plastic parts.
When pre-treating garments, make sure that any plastic parts (e.g. buttons) are protected from cleaning agent.

⚠ Chemical (solvent-based) cleaning agents can cause severe damage to the washing machine.
Do not use solvent-based cleaning agents in this machine.

General tips

– Curtains: Remove lead weights first or place in a laundry bag.

– Underwiring and collar stiffeners: Any loose wiring in bras, shirt collar stiffeners, etc. should be removed or sewn in.

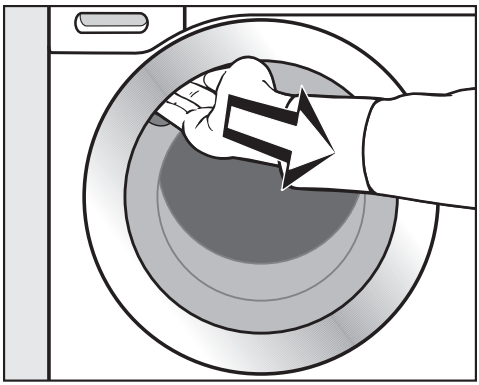
– Close any zips, attach velcro fasteners, fasten hooks and eyes etc. before washing.

– Fasten duvet covers, pillow cases etc. to prevent small items from being rolled up inside them.

Do not wash any items in this washing machine which are specified by the manufacturer as **not washable** on the care label (☒ symbol).

2. Load the washing machine

Open the door



- Reach under the door grip and pull the door open.

Check the drum for pets or foreign objects before loading it with laundry.

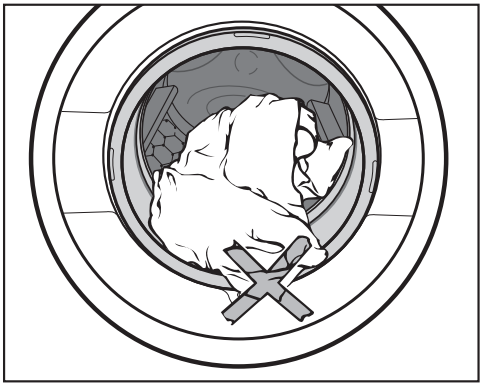
The most efficient use of energy and water is achieved when a full load is washed. However, do not overload as this reduces cleaning efficiency and causes creases.

- Unfold the laundry and load loosely into the drum.

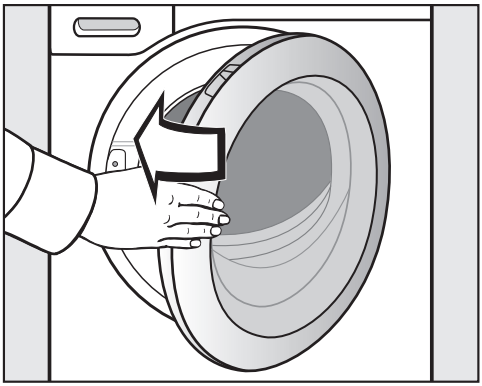
Mixing both large and small items gives better wash results and also helps distribute the load evenly during spinning.

Tip: Please note the maximum load for different wash programmes.

Close the door



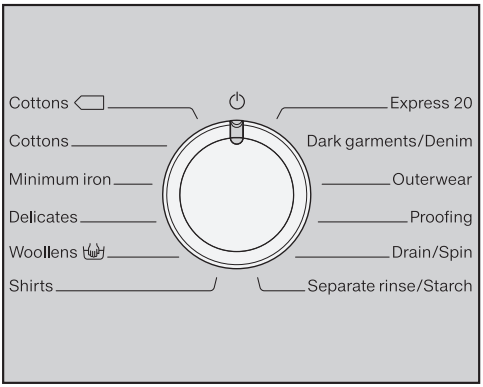
- Make sure that no items are caught between the door and the seal.



- Shut the door with a gentle swing.

Programme selection

The washing machine is switched on by turning the programme selector to a wash programme.

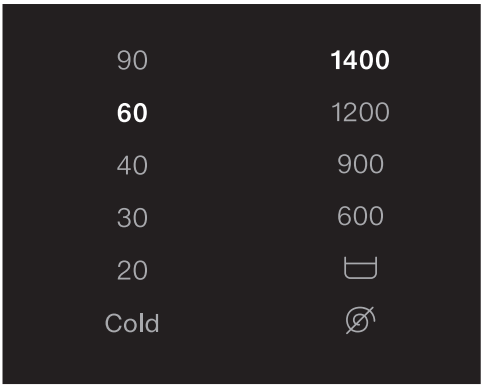


- Turn the programme selector to the required programme.

The likely wash time is shown in the time display and the pre-set temperature and spin speed light up in the control panel.

Selecting a temperature/spin speed

The wash programme's pre-set temperature and spin speed light up brightly. The choice of temperatures and spin speeds selectable for the wash programme light up dimly.

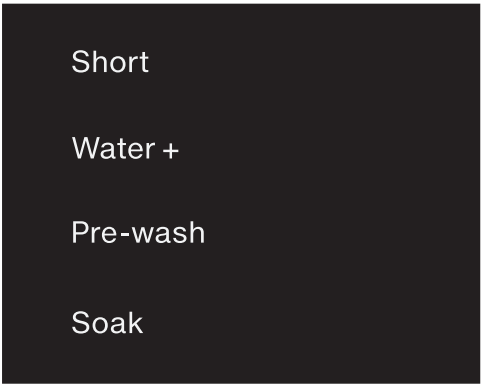


- Touch the sensor for the temperature you want. It then lights up brightly.
- Touch the sensor for the spin speed you want. It then lights up brightly.

3. Select a programme

Selecting Extras

The selection of extras available for the wash programme lights up dimly.



- Touch the sensor for the extra you want. It then lights up brightly.

Tip: You can select multiple extras for a wash programme.

Please refer to "Extras" for more information.

Detergent dispenser drawer

Any detergent suitable for automatic front loading washing machines can be used. Please observe the instructions for use and dosage on the detergent packaging.

Tips on dosing

Adjust the detergent dosage to the level of soiling of the laundry and the size of the load. Reduce the amount of detergent with smaller loads (e.g. reduce the amount of detergent by ⅓ when washing a half load).

Too little detergent:

– Results in laundry not being cleaned properly and may cause it to become grey and hard to the touch over time.

– Can lead to a build-up of mould in the washing machine.

– Results in grease not being completely removed from the laundry.

– Can lead to limescale deposits on the heater elements.

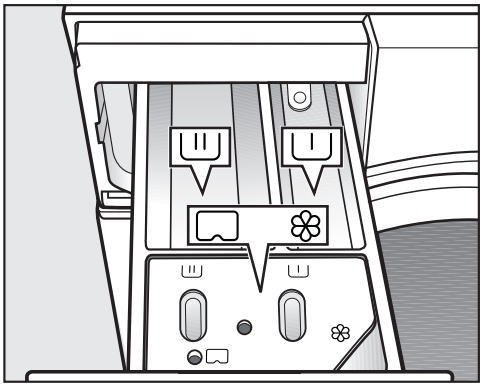
Too much detergent

– Causes poor wash, rinse, and spin results.

– Causes higher water consumption as an extra rinse cycle is automatically activated.

– Is a greater burden on the environment.

Adding detergent



■ Pull out the detergent drawer and add detergent to the compartments.

I Detergent for the pre-wash

II Detergent for the main wash and soaking

❀ Fabric softener, liquid starch, or capsules

4. Add detergent

CapDosing

Three different types of capsule are available:

- = Fabric care (e.g. fabric conditioner, proofing agent)
- = Additives (e.g. detergent enhancers)
- = Detergent (for the main wash only)

Each capsule contains the correct amount for one wash cycle.

You can order the capsules online at www.miele-shop.com or from Miele (see the end of this booklet for contact details).

⚠ Keep capsules out of the reach of children.

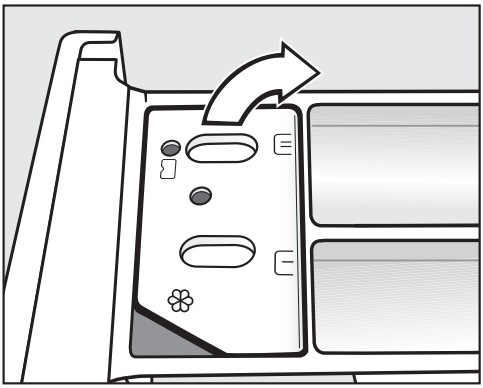
Activating CapDosing

■ Touch the sensor for the capsule you want to use.

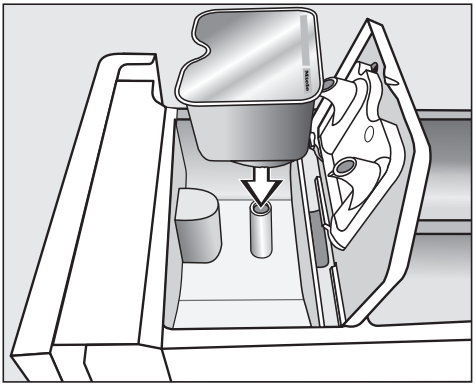
Sensor control		Capsule
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	for	
	for	

Inserting a capsule

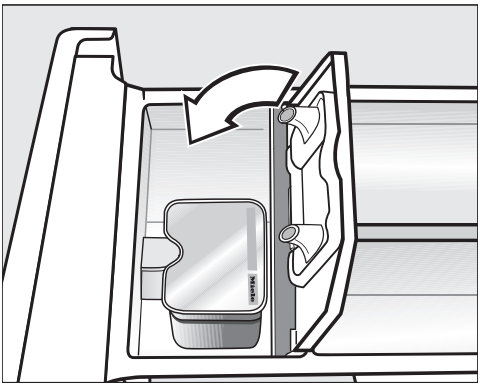
■ Open the detergent dispenser drawer.



■ Open the lid of the /⌴ compartment.



■ Press the capsule in firmly.



- Close the lid and press it firmly shut.
- Close the detergent dispenser drawer.

The capsule is opened by the act of inserting it in the detergent dispenser drawer. The contents can run out of the capsule if you then remove it from the drawer before it is used.
In this case, dispose of the capsule and do not re-use it.

The wash programme will dispense the contents of the capsule at the correct time.

Water intake to the ❀ compartment is solely via the capsule.
No additional fabric conditioner may be added to the ❀ compartment when using a capsule.

- Remove the empty capsule at the end of the programme.

For technical reasons a small amount of water will remain in the capsule.

Switching off/changing Cap-Dosing

- In order to switch off CapDosing, touch the brightly lit sensor.
- In order to change CapDosing, touch one of the other capsule sensors.

5. Start the programme

Starting a programme

■ Touch the flashing *Start*/*Stop* sensor.

The door will lock and the programme will start.

– As long as the 🔒 symbol is flashing in the control panel you can add laundry.

– When the 🔒 symbol lights up constantly, the door is locked until the end of the programme.

If a delay start time has been selected, then this will count down in the time display. At the end of the delay start time or immediately after the programme has started the programme duration will appear in the time display.

Energy savings

After 10 minutes, the indicators dim. The *Start*/*Stop* sensor flashes slowly.

To reactivate the indicators:

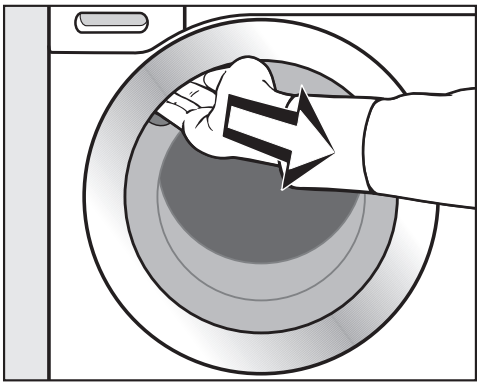
■ Touch the *Start*/*Stop* sensor (this does not have any effect on a running programme).

End of programme

The time display shows *0:00*. The 🔒 symbol will remain lit up in the control panel. The door is locked in the anti-crease phase.

■ Touch the *Start*/*Stop* sensor.

The door will unlock and the symbol 🔓 appears in the control panel.



■ Pull open the door.

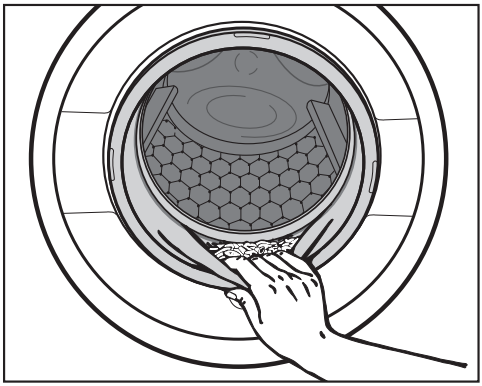
■ Remove the laundry.

Energy savings

– Ten minutes after the beginning of the anti-crease phase, the indicators dim and the *Start*/*Stop* sensor starts flashing.

– Fifteen minutes after completion of the anti-crease phase, the washing machine is completely switched off and the door lock lifted.

Items left in the drum could discolour other items in the next wash or become discoloured themselves.
Check that all items have been removed from the drum!



■ Check the folds in the door seal for any small articles, e.g. buttons, which might be lodged there.

Tip: Leave the door slightly open to allow the drum to dry.

■ Turn the programme selector to the ⏻ position. This switches the washing machine off.

■ If applicable, remove the used capsule from the detergent dispensing drawer.

Tip: Leave the detergent dispenser drawer slightly open to allow it to dry.

Final spin speed

Programme	rpm
Cottons	1400
Cottons	1400
Minimum iron	1200
Delicates	900
Woollens	1200*
Shirts	900
Express 20	1200
Dark garments / Denim	1200
Outerwear	900
Proofing	1200
Drain / Spin	1400
Separate rinse/Starch	1200

Final spin speed in the programme

When a programme is selected, the sensor for the optimum spin speed for that programme will be brightly lit up in the control panel. For programmes marked with a * in the chart, the optimum spin speed is not the maximum spin speed.

You can reduce the final spin speed.

However, you cannot select a final spin speed higher than that shown in the chart.

Rinse and interim spin

There is a spin after the main wash and between the rinses. A reduction in the final spin speed will also reduce the interim spin speed. If a spin speed of less than 700 rpm is selected for the *Cottons* programme, an additional rinse is introduced.

To omit the final spin (Rinse hold)

■ Touch the sensor (rinse hold).

The laundry is not spun after the final rinse and remains in the final rinse water. This helps prevent creasing if the laundry is not going to be removed from the drum immediately after the end of the programme.

After the end of a programme

The sensor for the optimum spin speed lights up in the control panel. You can change the spin speed. The *Start*/*Stop* sensor lights up, flashing.

■ Start the final spin:
touch the flashing *Start*/*Stop* sensor **once**.

The final spin is carried out.

■ End the programme:
touch the flashing *Start*/*Stop* sensor **twice**.

The water will drain away.

To omit rinse and interim spin and the final spin

■ Touch the sensor.

After the last rinse, the water will be pumped away and the anti-crease phase will switch in.

In some programmes an additional rinse is introduced with this setting.

Delay start

With Delay start you can choose when you want the programme to start. You can delay the start of the programme by 30 minutes up to a maximum of 24 hours, allowing you to make use of night-time economy electricity rates, for example.

Select delay start

Delay start cannot be selected with *Drain*/*Spin* or *Proofing*.

- Select the programme required.
- Touch the ⏲ sensor.



The ⏲ sensor lights up brightly.

- Touch the < or > sensor repeatedly until the required delayed start time appears in the time display.

– For less than 10 hours, the delay start time changes in increments of 30 minutes

– For more than 10 hours, the delay start time changes in increments of one hour

To begin delay start

- Touch the flashing *Start*/*Stop* sensor.

The delay start process starts and counts down in the time display.

To alter delay start

- Touch the *Start*/*Stop* sensor.

The delay start process stops and the 🔒 symbol lights up in the control panel.

- Touch the < or > sensor repeatedly until the required delayed start time appears in the time display.
- Touch the flashing *Start*/*Stop* sensor.

To cancel a delay start that has already started

- Touch the *Start*/*Stop* sensor.

The delay start process stops and the 🔒 symbol lights up in the control panel.

- Touch the brightly lit ⏲ sensor.

The delay start period is deleted and the ⏲ sensor switches off. The programme duration appears in the time display.

- Touch the flashing *Start*/*Stop* sensor in order to start the wash programme.

Cottons	**60 °C/40 °C**	**Max. load 7.0 kg**
Use for	Normally soiled cotton garments.	
Note	– These settings are the most efficient in terms of energy and water consumption for washing cottons. – At 60 °C, the actual wash temperature reached will be lower than 60 °C, although the wash performance is the same as with the Cottons 60 °C programme.	
Note for test institutes: The test programme conforms to EN 60456 and the energy label to Directive 1061/2010		
Cottons	**Cold to 90 °C**	**Max. load 7.0 kg**
Use for	Cotton, linen or mixed fibre fabric, e.g. table linen, towelling, underwear, T-shirts etc.	
Note	The wash temperatures 60 °C/40 °C differentiate themselves from the programme *Cottons* 60 °C/40 °C by: – Shorter programme durations – Longer temperature holding times – Higher energy consumption Where particularly high levels of hygiene are required please select a temperature of 60 °C or higher.	
Minimum iron	**Cold to 60 °C**	**Max. load 3.5 kg**
Use for	Synthetic and mixed fibre textiles as well as easy care cotton	
Note	Reduce the spin speed for fabric that creases easily.	

Programme chart

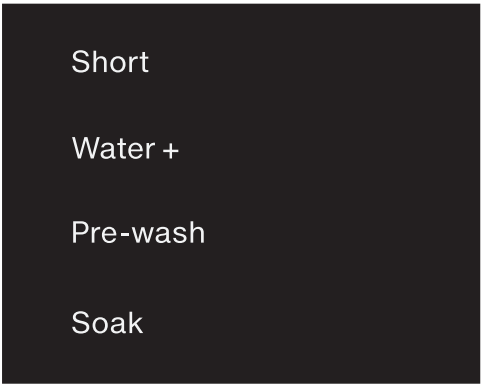
Delicates	**cold to 40 °C**	**Max. load 2.0 kg**
Use for	Delicate garments made from synthetic fibre, mixed fibre, rayon and viscose. Curtains, including net curtains, specified as machine-washable by the manufacturer.	
Notes	– Dust in curtains usually makes a programme with pre-wash advisable. – Deselect the spin for items which crease easily.	
Woollens	**cold to 40 °C**	**Max. load 2.0 kg**
Use for	Machine-washable or hand-washable wool or wool blend fabric. If the care label does not specify a temperature, wash using the cold setting.	
Note	Reduce the spin speed for items which crease easily.	
Shirts	**Cold to 60 °C**	**Max. load 2.0 kg**
Use for	Shirts and blouses made of cotton and mixed fibre	
Note	– Pre-treat soiled cuffs and collars if necessary. – Wash silk shirts and blouses in the *Delicates* programme.	
Express 20	**Cold to 40 °C**	**Max. load 3.5 kg**
Use for	Cotton garments that have hardly been worn or are only very lightly soiled	
Note	The *Short* option is activated automatically.	
Dark garments / Denim	**cold to 60 °C**	**Max. load 3.0 kg**
Use for	Black and dark items made of cotton, mixed fibre or denim.	
Notes	– Wash inside out. – Denim often contains excess dye and may run during the first few washes. Wash light and dark coloured items separately.	

Outerwear	**cold to 40 °C**	**Max. load 2.5 kg**
Use for	Performance outerwear (e.g. jackets and trousers) made from membrane fabric such as Gore-Tex®, SYMPATEX®, WINDSTOPPER® etc.	
Notes	– Zip up or close jackets before washing. – Do not use fabric conditioner. – If wished, these garments can also be re-proofed using the *Proofing* programme. Proofing should not be done every time the garment is washed.	
Proofing	**40 °C**	**Max. load 2.5 kg**
Use for	Treating microfibre fabric, skiwear and table linen made from mainly synthetic fibres to provide a water and dirt resistant finish.	
Notes	– The items should be freshly laundered and spun or dried before proofing. – For best results, the items should be heat-treated afterwards either in a tumble dryer or by ironing.	
Drain / Spin		**–**
Notes	– Drain only: Select ⊘ for the spin speed. – Make sure you select the appropriate spin speed.	
Separate rinse/Starch		**Max. load 7.0 kg**
Use for	– Rinsing handwashed items – Starching table cloths, serviettes and workwear	
Note	– Reduce the spin speed for items which crease easily. – The laundry should be washed but not treated with fabric conditioner. – Items will be rinsed very effectively using two rinse cycles by activating the extra *Water plus* option.	

Extra options

You can use the extra options buttons to augment the wash programmes.

Extras are selected and deselected using the relevant sensors on the control panel.



■ Touch the sensor for the extra you want.

The relevant sensor will light up brightly.

Not all the extra options are suitable for use with every programme.

An extra that is not permitted for the wash programme is not lit dimly and cannot be activated by touch.

Short

Use this option for light soiling with no visible staining.

The wash duration is reduced.

Water plus

The water level in the wash and rinse stages is increased and a second rinse is carried out in the "*Separate rinse / Starch*" programme.

You can select other functions for the *Water plus* sensor. These are described in "Programmable functions".

Pre-wash

For laundry with large amounts of dirt, e.g. dust and sand.

Soak

For heavily soiled and stained items with protein stains.

– A duration of between 30 minutes and 2 hours can be programmed in 30 minute increments for the soak process.

– The factory default setting is 30 minutes.

See "Programmable functions - Soak" for instructions on how to programme a different soak period.

The following extra options can be selected in addition to the programme:

None of the extras can be selected with programmes which are **not** listed in the chart below.

	Short	Water plus	Pre-wash	Soak
Cottons ⬭	X	X	X	X
Cottons	X	X	X	X
Minimum iron	X	X	X	X
Delicates	X	X	X	X
Shirts	X	X	X	X
Express 20	X[1)]	–	–	–
Dark garments/Denim	X	X	X	X
Outerwear	X	X	X	X
Separate rinse/Starch	–	X	–	–

X = can be selected

– = cannot be selected

[1)] = can be deselected

Programme sequence

	Main wash		Rinses		Spinning
	Water level	Wash rhythm	Water level	Rinses	
Cottons		Ⓐ		2-5[2)3)]	✓
Cottons		Ⓐ		2-5[1)2)3)]	✓
Minimum iron		Ⓑ		2-4[2)3)]	✓
Delicates		Ⓒ		2-4[2)3)]	✓
Woollens		Ⓔ		2	✓
Shirts		Ⓒ		3-4[3)]	✓
Express 20		Ⓐ		1	✓
Dark garments / Denim		Ⓑ		3-5[2)3)]	✓
Outerwear		Ⓒ		3-4[3)]	✓
Proofing	–	Ⓑ		1	✓
Drain / Spin	–	–	–	–	✓
Separate rinse / Starch		Ⓑ		0-1[5)]	✓

Please see the next page for a description of the symbols.

= Low water level

= Medium water level

= High water level

Ⓐ = Intensive rhythm

Ⓑ = Normal rhythm

Ⓒ = Sensitive rhythm

Ⓓ = Ultra sensitive rhythm

Ⓔ = Handwash rhythm

✓ = Carried out

– = Not carried out

The washing machine has fully electronic controls with automatic load recognition. It takes in the right amount of water required for the programme depending on the amount of laundry and its absorbency rate.

The programme sequences shown in the chart are based on the standard programme with a full load.

Special features in the programme sequence

Anti-crease:
at the end of the programme the drum continues to turn at intervals for up to 30 minutes to help prevent creasing.
Exception: there is no anti-crease phase in the *Woollens* programme.
The door can be opened at any time during the anti-crease phase.

[1] If a temperature of 60 °C or higher is selected, two rinses are carried out. If a temperature of less than 60 °C is selected, three rinses are carried out.

[2] An additional rinse is carried out if:

– there is too much foam in the drum

– a spin speed lower than 700 rpm has been selected

[3] An additional rinse is carried out if:

– *Water plus* has been selected and the options *02* or *03* have been activated in *Programmable functions*.

[5] An additional rinse is carried out if:
the *Water plus* option is selected.

Changing a programme

After the successful start of a programme it is no longer possible to change the programme.

If you would like to change the programme, you have to cancel the programme.

Cancelling a programme

You can cancel a wash programme at any time after it has started.

- Touch and hold the *Start*/*Stop* sensor until the time display switches to *0:00*.

The water will be pumped away. As soon as the ⚿ symbol in the control panel goes out, the programme has been cancelled.

- Open the door.

Selecting a different programme after cancelling the programme

- Close the door.
- Check that there is still detergent in the dispenser drawer. Add more detergent if necessary.
- Turn the programme selector to the programme you want and start it by pressing the *Start*/*Stop* sensor.

Removing laundry after cancelling the programme

If you want to remove the laundry when it is dripping wet:

- Open the door.
- Remove the laundry.

If you want to remove the laundry after it has been spun (damp):

- Open the door.
- Close the door.
- Turn the programme selector to *Drain*/*Spin*.

Tip: Select an appropriate spin speed.

Interrupting a programme

- Turn the programme selector to the ⏻ position.

The washing machine switches off.

- To continue: turn the programme selector to the position of the wash programme that was started.

Tip: If *-0-* appears in the time display, the programme selector is in the incorrect position.

Adding or removing laundry

You can add or remove laundry at the start of a wash programme as long as the 🔒 symbol is flashing in the control panel.

- Briefly touch the *Start*/*Stop* sensor.

The programme will stop and the door will unlock.

- Pull open the door.
- Add or remove items.
- Close the door.
- Touch the *Start*/*Stop* sensor.

The programme will continue.

Garment care label symbols

Washing	
The figure quoted in the bucket is the maximum temperature the garment can be washed at. The number of bars under the symbol indicates the level of agitation permitted.	
	No bar under the symbol: = normal agitation
	One bar under the symbol: = reduced agitation
	Two bars under the symbol: = much reduced agitation
	Hand wash (if no temperature is specified, use the lowest temperature or cold)
	Do not wash

Programme selection examples

Programme	Garment care label symbols
Cottons	
Minimum iron	
Delicates	
Woollens 	
Express 20	

Drying	
The number of dots indicates the drying temperature	
	Normal temperature
	Low temperature
	Do not tumble dry

Ironing	
The number of dots indicates the ironing temperature	
	Hot iron (max. sole plate temp. approx. 200 °C)
	Medium hot iron (max. sole plate temp. approx. 150 °C)
	Cool iron (max. sole plate temp. approx. 110 °C). Do not steam iron garments carrying this symbol as this could cause irreversible damage.
	Do not iron

Professional cleaning	
 	Dry clean only. The letters indicate the type of cleaning agent required.
	Professional Wet Clean only
	Do not dry clean

Bleaching	
	Any oxidising bleaching agent can be used
	Only use an oxygen based bleach or a non-chlorine bleach
	Do not bleach

The correct detergent

All detergents produced for automatic washing machines are suitable. Follow the manufacturer's instructions and dosage recommendations on the packaging.

For users in Asia:
please use a low foaming detergent suitable for use in front-loading machines

The right amount to dispense will depend on the following:

– the soiling level of the load

– the quantity of the laundry

– the water hardness level.
Check with your local water supplier if you do not know the hardness level in your area.

Water softeners

A water softener can be used to cut down on the use of detergents in areas with water hardness levels II and III. Dispense according to the amount specified on the packaging. First add detergent and then the water softener.

You can then use the recommended amount of detergent for water hardness level I.

Water hardness levels

Hardness scale	Hardness level in mmol/l	German scale °d
I (soft)	0 – 1.5	0 – 8.4
II (medium)	1.5 – 2.5	8.4 – 14
III (hard)	above 2.5	above 14

Dispensing aids

Use dispensing aids, (e.g. balls) if these are supplied with the detergent, particularly when using liquid detergent.

Refill packs of detergent

When purchasing detergent buy refill packs wherever possible. This helps reduce the amount of waste packaging.

Fabric conditioner and liquid starch

Fabric conditioner
makes garments soft to handle and helps prevent static cling when tumble drying.

Starch
stiffens and gives body to items of laundry, e.g. shirts, tablecloths and bed linen.

Detergent

Miele recommended detergents

Miele detergents and care products have been specially designed for Miele washing machines. They are available to order via the internet at www.miele-shop.com or from Miele.

	Miele UltraWhite	Miele UltraColor	Miele Cap	Miele Cap	Miele Cap
Cottons	✓	✓	–	Ⓕ	Ⓗ
Cottons	✓	✓	–	Ⓕ	Ⓗ
Minimum iron	–	✓	–	Ⓕ	Ⓗ
Delicates	–	✓	Ⓐ, Ⓑ, Ⓒ	Ⓕ	–
Woollens	–	–	Ⓓ, Ⓔ	–	–
Shirts	✓	✓	–	Ⓕ	Ⓗ
Express 20	–	✓	–	Ⓕ	–
Dark garments / Denim	–	✓	–	Ⓕ	–
Outerwear	–	–	Ⓒ	–	–
Proofing	–	–	–	Ⓖ	–
Separate rinse / Starch	–/–	–/–	–/–	Ⓕ/–	–/–

✓ Recommended
– Not recommended

Ⓐ Sport
Ⓑ Down
Ⓒ Outdoor
Ⓓ WoolCare
Ⓔ SilkCare
Ⓕ Fabric conditioner
Ⓖ Reproofing
Ⓗ Booster

Recommended detergents in accordance with Directive (EU) Nr. 1015/2010

The recommendations apply to the temperature ranges given in the Programme chart.

	Universal	Coloureds	Delicates and woollens	Specialist
	detergent			
Cottons	✓	✓	–	–
Cottons	✓	✓	–	–
Minimum iron	–	✓	–	–
Delicates	–	–	✓	–
Woollens	–	–	✓	✓
Shirts	✓	✓	–	–
Express 20	–	✓[1)]	–	–
Dark garments / Denim	–	✓[1)]	–	✓
Outerwear	–	–	✓	✓

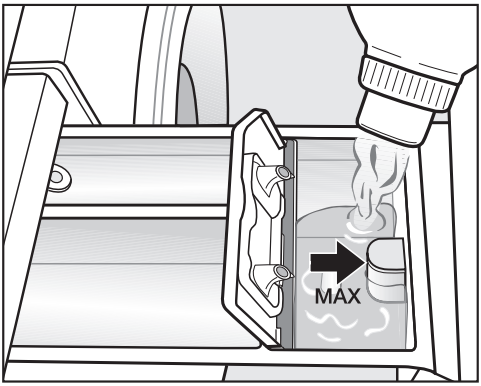
✓ Recommended

– Not recommended

1) Liquid detergent

2) Powder detergent

Dispensing fabric conditioner and liquid starch at the end of the programme



- Add the fabric conditioner or liquid starch to the ❀ compartment or insert the appropriate capsule. **Do not exceed the maximum level mark.**

The agent will be automatically dispensed in the last rinse. At the end of the programme a small amount of water will remain in the ❀ compartment.

Starch can make the siphon tube sticky.
If starching frequently, thoroughly clean the dispenser compartment, especially the siphon tube regularly.

Adding fabric conditioner or liquid starch separately

Prepare the starch in accordance with the manufacturer's instructions on the packaging.

Tip: When adding fabric softener, activate the *Water plus* extra.

- Add fabric conditioner to the ❀ compartment or insert the appropriate capsule.
- Add liquid starch to the ❀ compartment and powder or viscous starch to the ⌊⌋ compartment.
- Select the *Separate rinse*/*Starch* programme.
- Change the spin speed if necessary.
- Activate the *Cap* ⌑ sensor if using a capsule.
- Touch the *Start*/*Stop* sensor.

Colour run and dye removers/dyes

⚠ **Do not use** colour run or dye removers in this washing machine. They can cause corrosion in the machine.

Dyes suitable for use in domestic washing machines can be used. However, please note that the salt used in the dyeing process can cause corrosion to stainless steel components in the machine if you dye frequently. Always observe the manufacturer's instructions carefully.

Cleaning the drum (Hygiene info)

Washing at low temperatures and/or using liquid detergent can cause bacteria and unpleasant odours to build up in the washing machine. Use the *Cottons 90 °C* programme to clean the machine. Run this programme at the latest when the ✣ indicator lights up.

External casing and fascia panel

⚠ Disconnect the machine from the mains electricity supply before cleaning or maintenance.

⚠ The washing machine must not be hosed down.

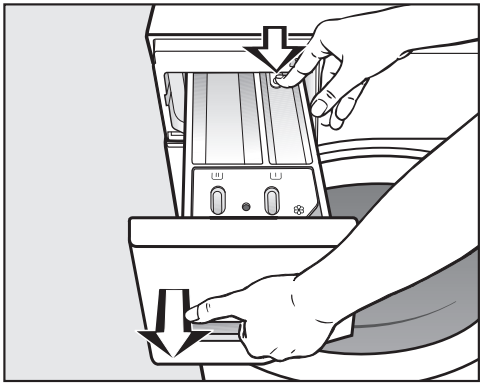
- Clean the casing and fascia panel with a mild non-abrasive cleaning agent or soap and water using a well wrung-out cloth. Wipe dry with a soft cloth.
- The drum can be cleaned with a proprietary stainless steel cleaning agent, following the manufacturer's instructions on the packaging.

⚠ Do not use solvents, abrasive cleaners, glass cleaners or multi-purpose cleaning agents. These could damage plastic surfaces and other parts.

Cleaning the detergent dispenser drawer

Washing at low temperatures and the use of liquid detergent can lead to a build-up of mould and bacteria in the detergent dispenser drawer.

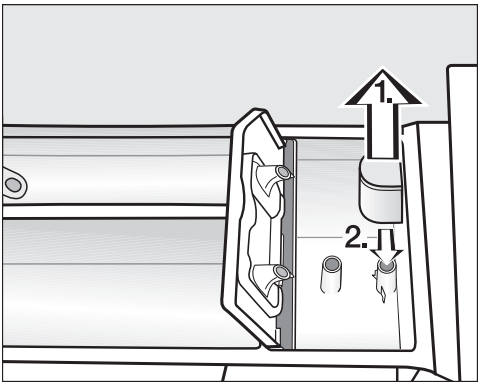
- For hygiene reasons, clean the entire drawer at regular intervals.



- Pull out the detergent dispenser drawer until a resistance is felt. Press down the release button and at the same time pull the drawer right out of the machine.
- Clean the drawer with hot water.

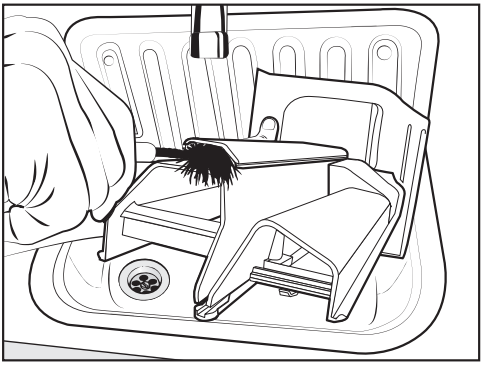
Cleaning the siphon tube and the channel

Liquid starch can cause the siphon to become clogged. Make sure that you clean the siphon and siphon tube particularly thoroughly after using liquid starch a few times.



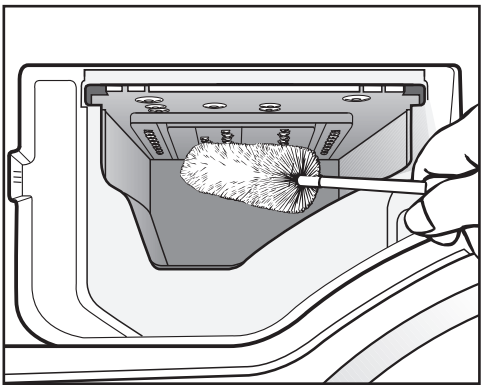
■ Clean the siphon.

1. Remove the siphon from the ❀ compartment and rinse under hot running water. Clean the siphon tube at the same time.
2. Replace the siphon.



■ Clean the fabric conditioner channel with a brush and hot water.

Cleaning the detergent dispenser drawer housing



■ Use a bottle brush to remove detergent residues and limescale from the jets inside the detergent dispenser drawer housing.

■ Replace the detergent dispenser drawer.

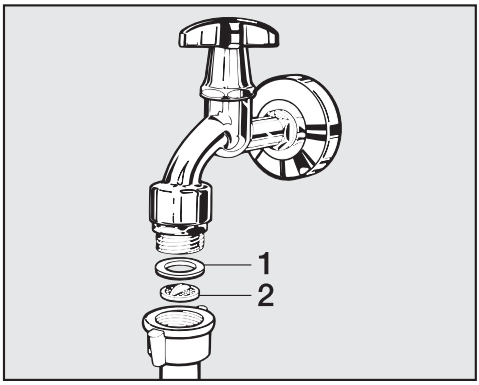
Tip: Leave the detergent dispenser drawer slightly open to allow it to dry.

Cleaning the water inlet filters

The washing machine has two filters to protect the water inlet valve. These filters should be checked every six months or so, or more often if there are frequent interruptions to the water supply.

To clean the filter in the union in the open end of the inlet hose:

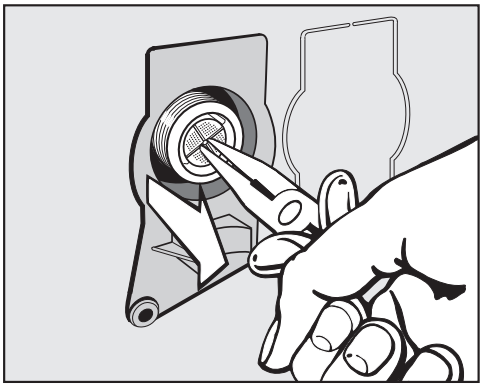
- First turn off the stopcock.
- Unscrew the inlet hose from the stopcock.



- Remove the rubber seal **1** from the recess.
- Using pointed pliers, take hold of the plastic filter bar **2** and remove it.
- Clean the filter.
- Replace the filter and seal back in the reverse order and reconnect the hose.

To clean the filter in the water inlet valve:

- Using pliers, carefully loosen the ribbed plastic nut on the inlet valve and unscrew.



- Use pointed nose pliers to withdraw the plastic filter by the bar (see illustration).
- Clean the filter.
- Replace the filter in the reverse order.

After cleaning the filters, turn on the stopcock and check the connection is watertight. If water drips out, tighten the connection.

The two filters **must** be put back in place after cleaning.

Problem solving guide

Minor faults in the performance of the washing machine, some of which may result from incorrect operation, can be put right without contacting the Service Department.

The following guide may help you to find the reason for a fault, and to correct it. You should, however, note the following:

⚠ Repair work to electrical appliances should only be carried out by a suitably qualified person in strict accordance with current local and national safety regulations. Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.

The programme does not start

Problem	Cause and remedy
The control panel remains dark.	There is no power to the machine. ■ Check whether the mains plug is plugged in and switched on. ■ Check whether the fuse or circuit breaker has tripped.
	The washing machine has switched off automatically to save energy. ■ Switch the washing machine on again by turning the programme selector.
F **and** *34* **alternately appear in the time display.**	The door is not closed properly. The door lock could not engage. ■ Close the door again. ■ Start the programme again. If the fault message appears again, contact the Service Department.

The programme is cancelled and a fault indicator light lights up in the control panel

Problem	Cause and remedy
The fault indicator light lights up, F and 10 appear alternately in the time display and the buzzer sounds.	The water inlet is blocked or restricted. ■ Check whether the stopcock is opened properly. ■ Check whether the inlet hose is kinked. ■ Check whether the water pressure is too low.
	The filter in the water inlet is blocked. ■ Clean the filter.
The fault indicator light lights up, F and 11 appear alternately in the time display and the buzzer sounds.	The water outlet is blocked or restricted. The drain hose has been fixed too high. ■ Clean the drain filter and the drain pump. ■ The maximum delivery head is 1 m.
The fault indicator light lights up, F and 138 appear alternately in the time display and the buzzer sounds.	The water protection system has reacted. ■ Close the stopcock. ■ Call the Service Department.
F and XXX alternately appear in the time display and the buzzer sounds.	There is a fault. ■ Disconnect the washing machine from the mains electricity supply, either by switching off at the wall socket and withdrawing the plug, or by disconnecting the relevant fuse on the mains fuse board. ■ Wait **at least 2 minutes**, before reconnecting the washing machine to the mains electricity supply. ■ Then switch the washing machine on again. ■ Restart the programme. If the fault message appears again, contact the Service Department.

Problem solving guide

During the programme, a symbol appears in the time display

Message	Cause and remedy
-0- **lights up**	The programme selector was moved to a different position after the programme had started. ■ Turn the programme selector back to the original position.
	The programme has been interrupted. ■ Open the door. ■ Close the door.

At the end of the programme, an indicator light lights up in the control panel

Problem	Cause and remedy
The indicator light ⌓ lights up.	Excessive foam has built up during washing. ■ Use less detergent next time, and follow the manufacturer's recommended dosage amounts on the packaging.
The indicator light ✣ lights up.	A programme using a temperature above 60 °C has not been run for a long time. ■ In order to prevent bacteria and unpleasant odours building up in the machine, run the *Cottons 90 °C* programme using Miele machine cleaner or powder detergent.

General problems with the washing machine

Problem	Cause and remedy
The washing machine smells.	The ✣ indicator light was ignored. A wash programme using a temperature above 60 °C has not been run for a long time. ■ In order to prevent bacteria and unpleasant odours building up in the washing machine, run the *Cottons 90 °C* programme using Miele machine cleaner or a universal powder detergent.
	The door and the detergent dispenser drawer were left open after washing. ■ Leave the door and the detergent dispenser drawer slightly open to allow them to dry.
The machine shakes during the spin cycle.	The machine feet are not level. ■ Level the machine and adjust the feet correctly.
The laundry has not been spun properly and is still wet.	The machine detected an imbalance during the final spin cycle and reduced the spin speed automatically. ■ Include both large and small items in the load as this will give better distribution during spinning.
Strange pump noises can be heard.	This is not a fault. These slurping noises occur at the end of the pump sequence as a normal part of operation.
Large amounts of detergent residue remain in the detergent dispenser drawer.	The water pressure is too low. ■ Clean the water inlet filter. ■ It may be useful to select the *Water plus* option.
	Powder detergent used in conjunction with water softeners tends to become sticky. ■ In future, add washing powder into the dispenser drawer first, and then add the water softener.

Problem solving guide

General problems with the washing machine

Problem	Cause and remedy
Fabric conditioner is not completely dispensed or too much water remains in the ❀ compartment.	The siphon tube is not correctly positioned or is clogged. ■ Clean the siphon, see "Cleaning and care - Cleaning the detergent dispenser drawer".
At the end of the programme there is still liquid in the capsule.	The small pipe in the detergent dispenser drawer onto which the capsule is placed is blocked. ■ Clean the small pipe.
	This is not a fault. For technical reasons a small amount of water will remain in the capsule.
There is water next to the capsule in the fabric conditioner compartment.	The *Cap* ⌓ sensor was not activated or an empty capsule was not removed at the end of the last programme. ■ Make sure that you remember to activate the *Cap* ⌓ sensor the next time you insert a capsule. ■ Remove and then dispose of the empty capsule at the end of each programme.
	The small pipe in the detergent dispenser drawer onto which the capsule is placed is blocked. ■ Clean the small pipe.

An unsatisfactory wash result

Problem	Cause and remedy
Liquid detergent does not give the required result.	Liquid detergents usually contain no bleaching agents. They do not remove fruit, coffee and tea stains. ■ Use a general purpose powder detergent containing a bleaching agent. ■ Use the appropriate capsule or add stain removers to the II compartment. ■ Never put stain removers and liquid detergent together in the dispenser drawer.
Grey, greasy particles cling to washed laundry.	Insufficient amounts of detergent were used to break down the particles of grease in heavily soiled laundry. ■ Use more detergent. ■ Before washing the next load run a Cottons 60°C programme with powder detergent but without a load.
White residues which look like powder detergent are seen on dark textiles after washing.	The detergent contained compounds (zeolites) to aid water softening which are not soluble in water. These have ended up on the laundry. ■ Try and brush off the residues with a soft brush once the laundry is dry. ■ Wash dark textiles using a detergent which contains no zeolites. Liquid detergents usually contain no zeolites. ■ Use the *Dark garments* / *Denim* programme for dark coloured laundry.

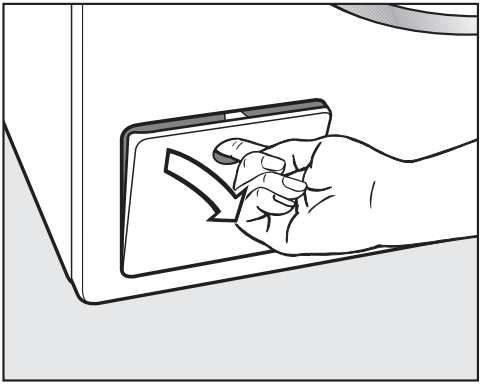
Problem solving guide

The door will not open

Problem	Cause and remedy
The door cannot be pulled open during a programme.	The door is locked during a programme. ■ Touch the *Start*/*Stop* sensor to cancel the programme. The programme is cancelled, the door will unlock and you will be able to pull it open.
	There is still water in the drum and the machine is unable to drain. ■ Clean the drain filters and the drain pump as described in "Opening the door in the event of a blocked drain outlet and/or power failure".
After the programme is cancelled, flashing bars ...... appear in the time display.	For safety reasons the drum door cannot be opened if the suds temperature is higher than 55 °C. ■ Wait until the temperature in the drum has decreased and the bars have stopped flashing in the display.
F and 35 alternately appear in the time display.	The door lock has jammed. ■ Call the Service Department.

Opening the door in the event of a blocked drain outlet and/ or power failure

■ Switch off the washing machine.



■ Open the drain pump access panel.

Blocked drain outlet

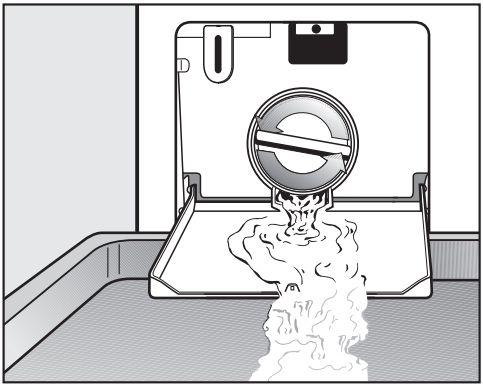
If the drain outlet is blocked, a large quantity of water can remain in the washing machine.

⚠ If laundry has been washed at a high temperature, water draining out of the machine will still be hot. Danger of scalding!
Take care when draining the machine.

Procedure for draining the washing machine

When draining water from the machine, do not unscrew the drain filter completely or take it right out.

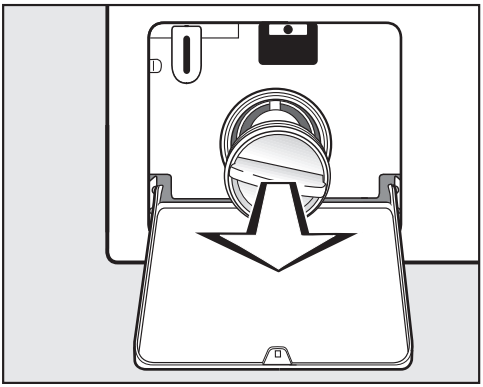
■ Place a suitable container, e.g. a Miele universal oven tray under the access panel.



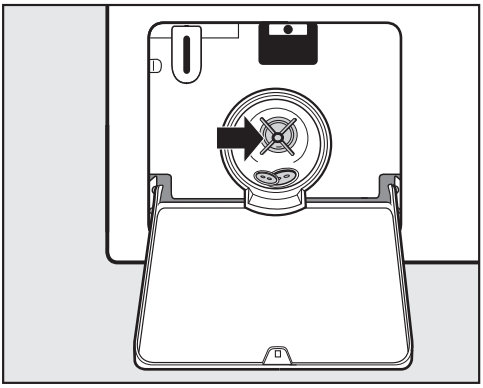
■ Slowly and carefully unscrew the filter to let the water out. Be careful not to release too much water at once. If the flow of water is too strong, some water can seep into the washing machine base and activate the water protection float switch. This will prevent the washing machine from functioning.

■ Tighten the drain filter back up again if you need to interrupt the flow of water.

Once the flow of water ceases:



- Remove the drain filter completely.

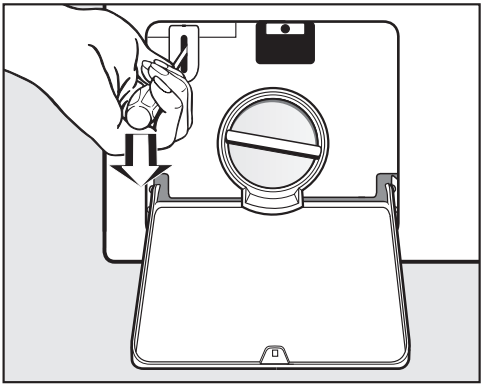


- Clean it thoroughly.
- Remove any foreign objects (e.g. buttons, coins, etc.) and fluff from the filter housing. Turn the impeller by hand to check that it rotates freely.
- Replace the drain filter correctly and tighten it securely.

⚠ Make sure the drain filter is securely tightened. Otherwise there is a risk of water leakage during use.

Opening the door

⚠ Always make sure that the drum is stationary before reaching in to remove laundry. Reaching into a moving drum is extremely dangerous.



- Use a screwdriver to unlock the door.
- Pull open the door.

Contact in case of malfunction

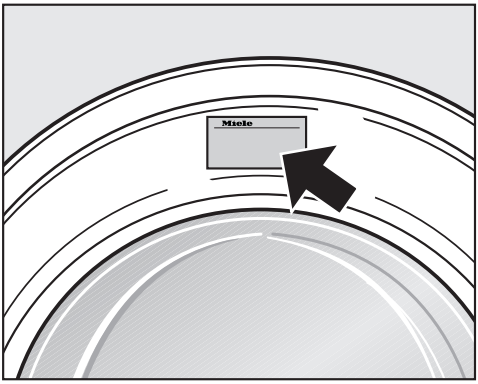
In the event of any faults which you cannot remedy yourself, please contact your Miele Dealer or Miele Service.

Contact information for Miele Service can be found at the end of this document.

Please note that telephone calls may be monitored and recorded for training purposes and that a call-out charge will be applied to service visits where the problem could have been resolved as described in this booklet.

Please quote the model and serial number of your appliance when contacting Miele. This information can be found on the data plate.

The data plate is found above the porthole glass when the door is opened.



Optional accessories

Optional spare parts and accessories for this washing machine are available from your Miele Dealer, the Miele Spare Parts Department or via the internet at www.miele-shop.com.

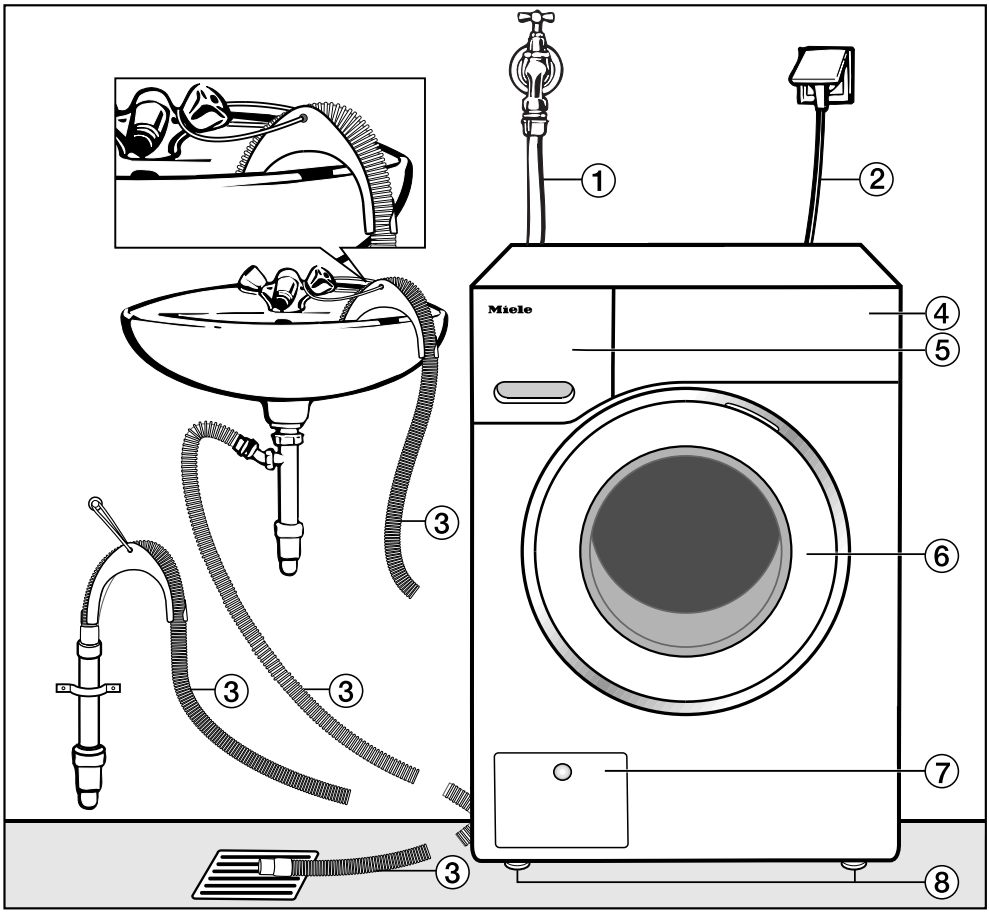
Please note that telephone calls may be monitored and recorded for training purposes.

Warranty

The appliance warranty is valid for 2 years from date of purchase. In the UK, you must activate your cover by calling 0330 160 6640 or registering online at www.miele.co.uk.

For further information on country specific warranty terms and conditions, please refer to your warranty booklet or contact Miele Customer Service.

Front view



① Inlet hose (tested to withstand pressure of at least 7,000 kPa)

② Electrical supply cable

③ Flexible drain hose (with detachable swivel elbow)

④ Control panel

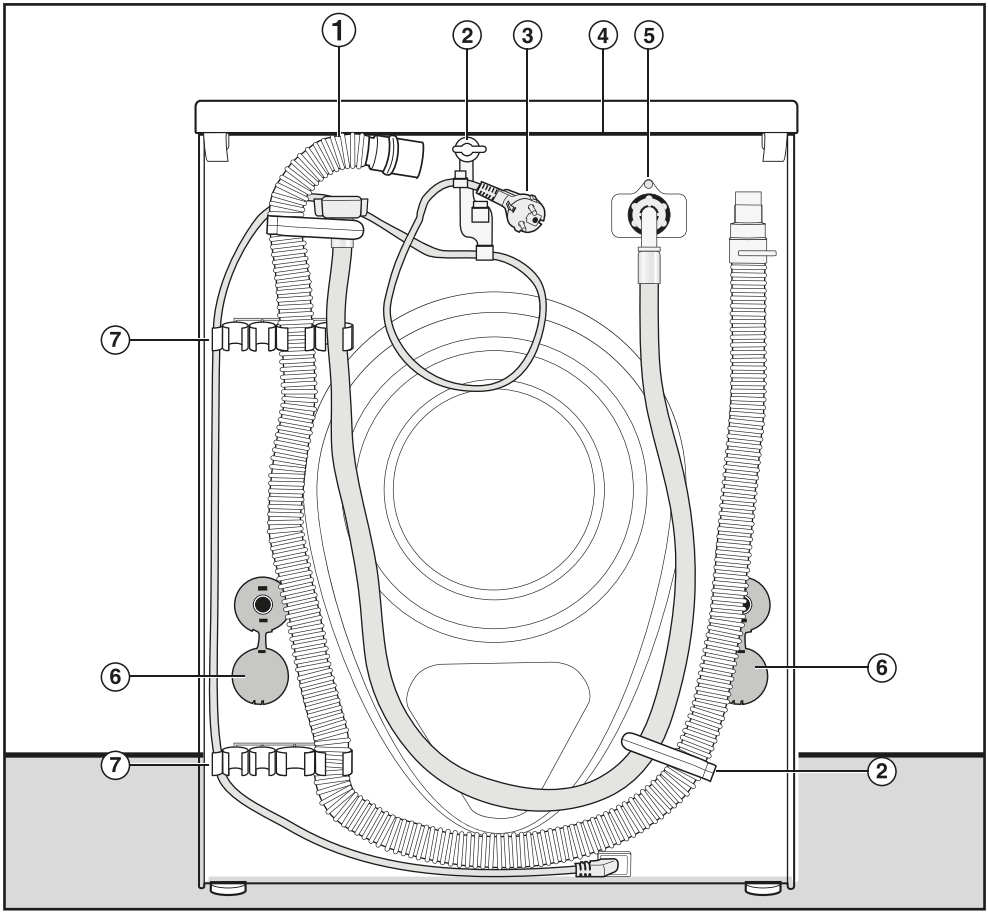
⑤ Detergent dispenser drawer

⑥ Door

⑦ Access to drain filter, drain pump and emergency release

⑧ Four height adjustable feet

Rear view



① Drain hose

② Transport clips for electrical supply cable, inlet and drain hoses

③ Electrical supply cable

④ Protruding lid for holding when moving the machine

⑤ Inlet hose (tested to withstand pressure of at least 7,000 kPa)

⑥ Safety caps for transit bars

⑦ Transport clips for inlet and drain hoses and for storing transit bars when not in use

Installation surface

A concrete floor is the most suitable installation surface for a washing machine, being far less prone to vibration during the spin cycle than wooden floorboards or a carpeted surface.

Please note:

- The machine must be level and securely positioned.
- To avoid vibrations during spinning, the machine should not be installed on soft floor coverings.

If installing on a wooden joist floor:

- We recommend a plywood base at least 59 x 52 x 3 cm). The base should span several joists and be bolted to the joist and not only the floorboards. Check for the presence of pipes and cables first.

Tip: If possible, install the machine in a corner, as this is usually the most stable part of the floor.

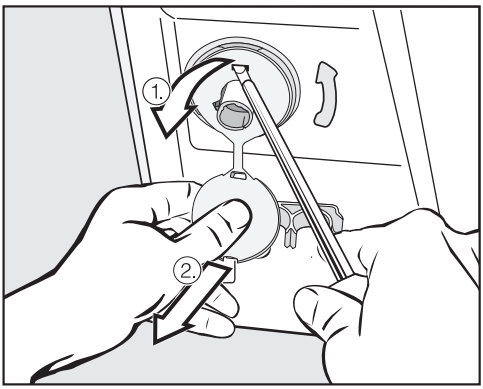
⚠ There is the danger of the washing machine moving about during spinning and falling off a plinth.
For this reason, if the machine is installed on a raised plinth (concrete or brick), it has to be secured against slippage using an MTS floor/plinth mounting kit (available from Miele).

Transporting the washing machine to its installation site

⚠ Make sure the fixings at the back of the lid are secure.
Otherwise there is a danger of the lid being pulled off when carrying the machine.
Before carrying the machine check that the lid is secure where it protrudes at the back of the machine.

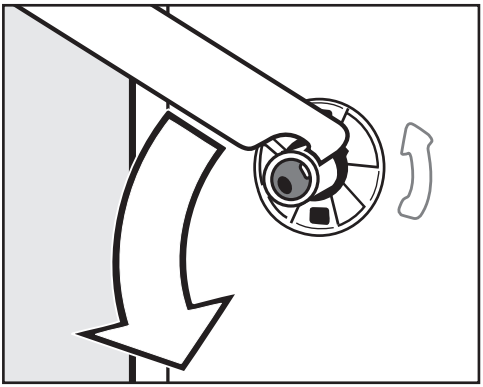
- Carry the washing machine by the front feet and the protruding lid at the back.

Removing the transit bars

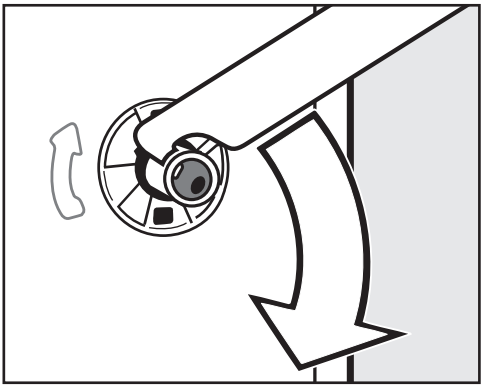


- To remove the left and right covers

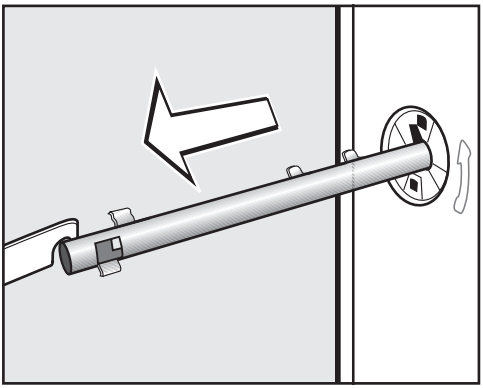
1. Pull on the attached stopper,
2. then use a screwdriver to release the catches at the top and bottom.



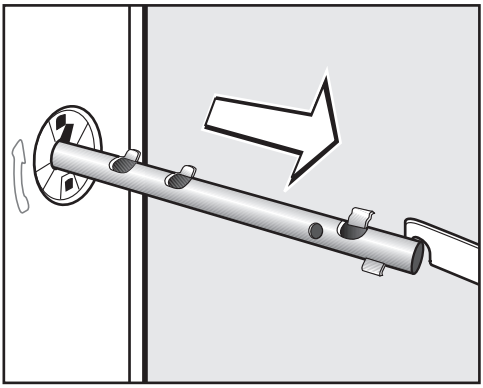
■ Using the spanner supplied, turn the left-hand transit bar 90°, then



■ Turn the right-hand transit bar 90°, then

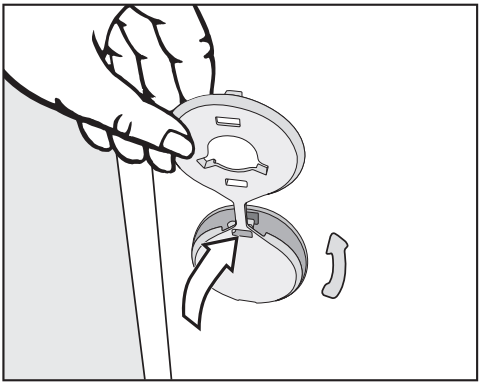


■ pull the transit bar out.

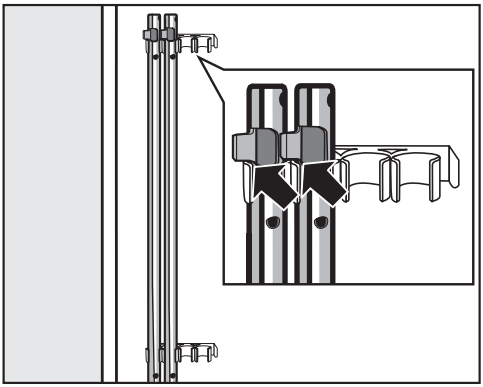


■ pull the transit bar out.

⚠ To avoid the risk of injury, the holes for the transit bars must be covered after the transit bars have been removed.



■ Plug the holes with the plastic caps as illustrated.



■ Secure the transit bars to the back of the washing machine. Make sure the top catch is located above the holder.

⚠ The washing machine must not be moved without the transit bars in place. Store them as shown or keep them in a safe place for future use. They must be re-fitted if the machine is to be moved again (e.g. when moving house).

Re-fitting the transit bars

Re-fitting is carried out by reversing the procedure.

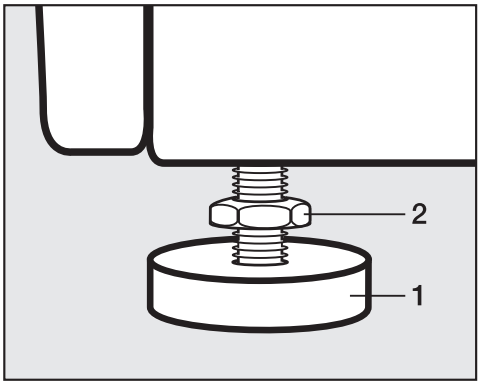
Levelling the machine

The washing machine must stand perfectly level on all four feet to ensure safe and proper operation.

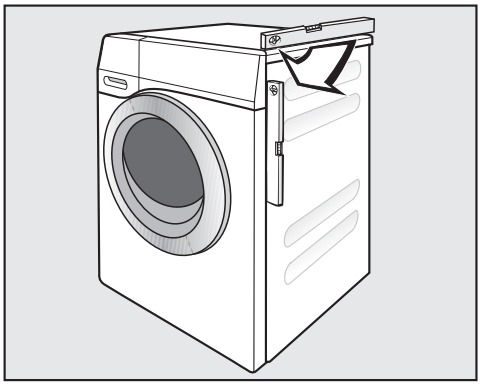
Incorrect installation may increase electricity and water consumption and may cause the machine to move about.

Screwing out and adjusting the feet

The four adjustable screw feet are used to level the machine. All four feet are screwed in when the machine is delivered.



- Using the spanner supplied turn counter nut **2** in a clockwise direction. Then turn counter nut **2** together with foot **1** to unscrew.



- Use a spirit level to check that the washing machine is standing level.
- Hold foot **1** securely with a pipe wrench. Turn counter nut **2** again using the spanner supplied until it sits firmly up against the housing.

⚠ All four counternuts must be firmly up against the housing. Please also check this for the feet which did not need adjustment. Otherwise there is a danger of the machine moving about.

Building under a continuous worktop/ in a kitchen run

⚠ The washing machine lid cannot be removed.

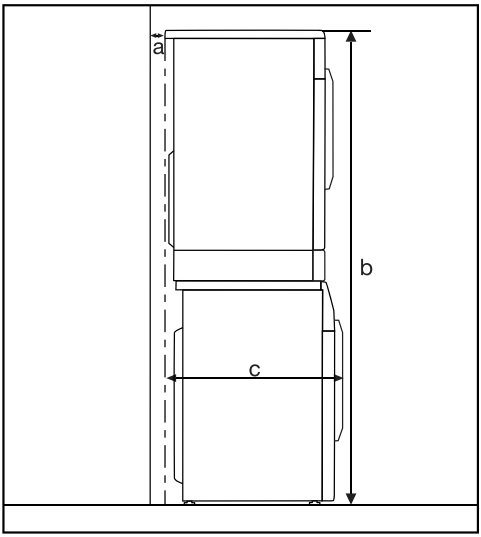
This washing machine (with lid intact) can be pushed under a worktop if there is space to do so.

Washer-dryer stack

The washing machine can be combined with a Miele tumble dryer in a washer-dryer stack. The appropriate "WTV" stacking kit* to match your dryer is required.

All parts marked* are available from your Dealer or Miele.

Please note:



a = at least 2 cm

b = WTV without drawer: 172 cm
WTV with drawer: 181 cm

c = 68 cm

The water protection system

The Miele water protection system protects all parts of the washing machine from water damage.

The system consists of three main components:

– the inlet hose

– the electronic unit and drainage and overflow protection

– the drain hose

Inlet hose

– Protection against bursting

  The inlet hose is tested to withstand pressure of at least 7,000 kPa.

Electronic unit and washing machine housing

– Sump
  Any leaking water is collected in a sump in the base of the machine. A float switches off the water inlet valves, preventing any more water from flowing into the machine and water in the suds container is pumped away.

– Overflow protection
  This prevents the washing machine taking in too much water. If the water level exceeds a certain level, the drain pump switches in and pumps the excess water away.

Drain hose

The drain hose is protected by a ventilation system which prevents the washing machine from being emptied completely.

Connection to the water supply

The washing machine should be connected to a mains water supply in accordance with current local and national safety regulations. The German authorities do not require it to have a non-return valve as the washing machine has been designed to comply with DIN regulations.

The machine is designed to operate with a flow pressure of between 100 and 1,000 kPa. If it is higher than 1,000 kPa it is essential to fit a pressure reducing valve.

Connection to the mains water supply should incorporate a mains stopcock with ¾" threaded union. The stopcock should be fitted by a qualified plumber.

⚠ The connection point is subject to mains water pressure. Turn on the stopcock slowly and check for leaks. Correct the position of the washer and union if appropriate.

The washing machine is not suitable for connection to a hot water supply.

Maintenance

Only use a genuine Miele hose that has been pressure tested to withstand at least 7,000 kPa should you ever need a replacement.

A filter is located in the open end of the inlet hose and another in the intake point to protect the inlet valve. Neither filter may be removed.

Hose extension

Longer hoses 2.5 or 4.0 m in length are available from your Miele Dealer or Miele as optional extras.

Water drainage

The suds are drained through a drain pump with a 1 m delivery head. For the water to drain freely, the hose must be free of kinks.
If required, the hose can be extended to a length of up to 5 m. Accessories are available from Miele or from your Miele dealer.

For a delivery head of more than 1 m (up to a max. of 1.8 m) a replacement drain pump will need to be fitted. Please contact Miele for advice.
For a delivery head of 1.8 m the hose can be extended to a length of up to 2.5 m. Accessories are available from Miele or from your Miele dealer.

Drainage options:

1. Directed into a sink or basin:

   Please note:

   – Hook the hose over the edge and secure it.

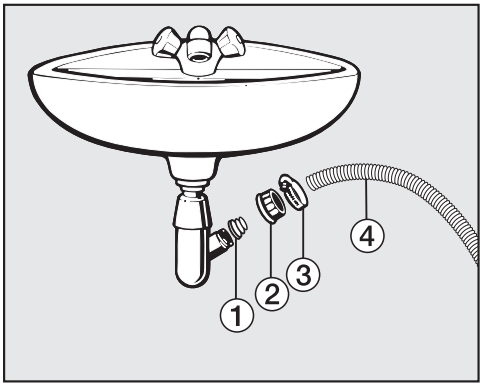
   – If the water is pumped into a washbasin, make sure that it can drain away freely. Otherwise there is a risk of water overflowing or of some of the drained water being sucked back into the machine.

2. Connected securely to a plastic drain pipe with a rubber nipple (there is no need to use a siphon).

3. Connected securely to a floor drain (gully).

4. Connected securely to a washbasin with plastic nipple.

Please note:



① Adapter

② Spigot nut

③ Hose clip

④ End of the hose

- Fit adapter ① to the sink drain outlet using nut ②.
- Attach the end of hose ④ to adapter ①.
- Use a screwdriver to tighten hose clip ③ up close to the nut.

Electrical connection U.K.

All electrical work should be carried out by a suitably qualified and competent person, in strict accordance with current national and local safety regulations (BS 7671 in the UK).

Ensure power is not supplied to the appliance until after installation work has been carried out.

The appliance is supplied with a mains cable with moulded plug ready for connection to a 230-240V mains supply.

Please ensure the connection data quoted on the data plate match the household mains supply.

Connection should be made via a suitable switched socket which is easily accessible after installation.

For extra safety it is advisable to protect the machine with a suitable residual current device (RCD). Contact a qualified electrician for advice.

Do not connect via an extension lead. Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating).

Non-rewireable plugs BS 1363

The fuse cover must be refitted when changing the fuse, and if the fuse cover is lost, the plug must not be used until a suitable replacement is obtained. The colour of the correct replacement cover is that of the coloured insert in the base of the plug, or the colour that is embossed in words on the base of the plug (as applicable to the design of plug fitted).

Replacement fuses should be ASTA approved to BS 1362 and have the correct rating. Replacement fuses and fuse covers may be purchased from your local electrical supplier.

WARNING: THIS APPLIANCE MUST BE EARTHED

Height	850 mm
Width	596 mm
Depth	636 mm
Depth with door open	1054 mm
Height for building under	850 mm
Width for building under	600 mm
Weight	Approx. 100 kg
Capacity	7 kg dry laundry
Voltage	See data plate
Connected load	See data plate
Fuse rating	See data plate
Consumption data	See "Consumption data"
Minimum flow pressure	100 kPa
Maximum flow pressure	1000 kPa
Inlet hose length	1.60 m
Drain hose length	1.50 m
Mains connection cable length	2.00 m
Delivery head max.	1.00 m
Maximum drainage length	5.00 m
LEDs	Class 1
Test certificates awarded	See data plate

Technical data

Data sheet household washing machines

In acc. with delegated regulation (EU) No. 1061/2010

MIELE	
Model name / identifier	WDB 030 WCS
Rated capacity[1]	7,0 kg
Energy efficiency class	
A+++ (most efficient) to D (least efficient)	A+++
Annual energy consumption (AE_c)[2]	175 kWh/year
Energy consumption of the standard "60°C cotton programme" at full load	0,90 kWh
Energy consumption of the standard "60°C cotton programme" at partial load	0,88 kWh
Energy consumption of the standard "40°C cotton programme" at partial load	0,50 kWh
Weighted power consumption in off-mode (P_o)	0,30 W
Weighted power consumption in the left-on mode (P_l)	2,50 W
Weighted annual water consumption (AW_c)[3]	10.340 Litres/year
Spin-drying efficiency class	
A (most efficient) to G (least efficient)	B
Maximum spin speed[4]	1.400 U/min
Remaining moisture content[4]	53 %
Standard programme to which the information in the label and the fiche relates[5]	Cottons 60/40 with arrow
Programme time of the standard programme	
60°C cotton programme (full load)	179 min
60°C cotton programme (partial load)	179 min
40°C cotton programme (partial load)	179 min
Duration of the 'left-on' mode (T_l)[6]	15 min
Airborne acoustical noise emissions	
Washing phase[7]	50 dB(A) re 1 pW
Spinning phase[7]	74 dB(A) re 1 pW
Built-in	-
This product does not release silver ions during the washing cycle.	

- Yes, standard feature

1 In kg of cotton for the standard "60 °C cotton programme "at full load or the "40 °C cotton programme" at full load, whichever is the lower.

2 Based on 220 standard washing cycles for cotton programmes at 60 °C and 40 °C at full and partial load, and the consumption of the low-power modes. Actual energy consumption will depend on how the appliance is used.

[3] Based on 220 standard washing cycles for cotton programmes at 60 °C and 40 °C at full and partial load. Actual water consumption will depend on how the appliance is used.

[4] Attained for the standard "60 °C cotton programme" at full load or the standard "40 °C cotton programme" at partial load, whichever is the lower, and remaining moisture content attained for the standard "60 °C cotton programme" at full load or the standard "40 °C cotton programme" at partial load, whichever is the greater.

[5] These programmes are suitable to clean normally soiled cotton laundry and are the most efficient programmes in terms of combined energy and water consumption.

[6] If the household washing machine is equipped with a power management system.

[7] For the standard "60 °C cotton programme" at full load.

Consumption data

		Load	Energy	Water	Duration	Residual moisture
		kg	kWh	Litres	h:min	%
Cottons *	60 °C	7.0	0.90	50	2:59	53
	60 °C	3.5	0.88	48	2:59	53
	40 °C	3.5	0.50	40	2:59	53
Cottons	90 °C	7.0	2.00	50	2:29	53
	60 °C	7.0	1.20	50	2:29	53
	60 °C	3.5	1.00	48	2:19	53
	40 °C	7.0	0.95	53	2:39	53
	20 °C	7.0	0.35	53	2:39	53
Minimum iron	30 °C	3.5	0.45	52	1:59	30
Delicates	30 °C	2.0	0.25	30	1:09	–
Woollens	30 °C	2.0	0.23	35	0:38	–
Express 20 1)	40 °C	3.5	0.34	30	0:20	–
Shirts	60 °C	2.0	0.77	40	1:31	–

1) Short extra option activated

Note for test institutes

*Test programme in accordance with EN 60456 and energy label with Directive 1061/2010

Consumption data can vary from the nominal values given depending on water pressure, water hardness, water inlet temperature, room temperature, type and volume of load, fluctuations in the electricity supply and any extras selected.

The programmable functions are used to alter the machine's electronics to suit changing requirements. Programmable functions can be altered at any time.

The programming is carried out in eight steps (❶, ❷, ❸ ... ❽) using the sensor controls.

Accessing the programming level

Pre-requisites:

– The washing machine is switched on (the programme selector is pointing to a wash programme).

– The washing machine door is open.

❶ Touch the *Start*/*Stop* sensor and leave your finger on it whilst carrying out steps ❷-❸.

❷ Close the washing machine door.

Wait until the *Start*/*Stop* sensor lights up constantly ...

❸ ... and then take your finger off the *Start*/*Stop* sensor.

After approx. four seconds, *P13* will light up in the time display.

Choosing and selecting a programmable function

The number of the programmable function will appear in the time display as *P* and a number: e.g. *P13*.

❹ Touch the > or < sensor to scroll to the next or previous programmable function:

Programmable functions	
P13	Keypad tone
P14	Lock code
P22	Control panel standby status
P24	Memory
P26	Additional pre-wash time - Cottons
P27	Soak duration
P28	Gentle action
P29	Reduced temperature
P30	Water plus
P31	Water plus level
P32	Maximum rinse level
P33	Suds cooling
P34	Anti-crease action
P62	Backlight brightness

❺ Confirm the selected programmable function by pressing the *Start*/*Stop* sensor.

Editing and saving the programmable function

You can either switch a programmable function on or off or select different options.

❻ Touch the > or < sensor to switch the programmable function on/off or to select an option:

Programmable function	Available options					
	-00	-01	-02	-03	-04	-05 – -07
P13	X	O	X			
P14	O	X				
P22	X	O				
P24	O	X				
P26	O	X	X	X		
P27		O	X	X	X	
P28	O	X				
P29	O	X				
P30		O	X	X		
P31		O	X	X	X	
P32	O	X				
P33	O	X				
P34	X	O				
P62		X	X	O	X	X

X = Can be selected

O = Factory setting

Exit programming level

❽ Turn the programme selector to ⏻.

The option you have selected is now stored in memory. You can change it again at any time.

P13 Keypad tone

Each touch of a sensor is confirmed with an audible tone.

Options

-00 = Keypad tone switched off

-01 = Keypad tone switched on **(factory default setting)**

P14 Lock code

The lock code prevents the washing machine being used without your knowledge.

When the code has been activated, you have to enter a code after switching the washing machine on. Otherwise the washing machine cannot be operated.

Options

-00 = Lock code switched off **(factory default setting)**

-01 = Lock code is switched on

Using the washing machine with a lock code

The code is **125** and cannot be altered.

■ Switch on the washing machine.

_ _ _ appears in the time display and the > and < sensors light up.

■ Touch the > sensor.

_ _ 1 appears in the time display.

■ Confirm the number with the *Start*/*Stop* sensor.

The first number was saved and you can now enter the second number using the > and < sensors.

■ Also enter the second and third numbers and confirm the numbers with the *Start*/*Stop* sensor.

The lock is released and a wash programme can now be selected and started.

P22 Control panel switch-off status

To save energy the time display and sensors will go out after 10 minutes, and only the *Start*/*Stop* sensor will flash slowly.

Options

-00 = Off
The time display and sensors will remain lit up while the washing machine is switched on

-01 = On **(factory default setting)**
The time display and sensors will switch off after 10 minutes if

– no further selection is made after switching the machine on

– the programme is started

However; the time display and sensors will remain lit up for 10 minutes after a delay start time has elapsed, after the end of the programme or at the end of the anti-crease phase.

P24 Memory

The washing machine will save the last settings (temperature, spin speed and some of the extras) selected for a programme after the programme has started.

When this programme is chosen again, these saved settings will appear in the display.

Options

-00 = Memory is switched off **(factory default setting)**

-01 = Memory is switched on

P26 Longer pre-wash Cottons

If you require a longer pre-wash you can extend the pre-wash time.

Options

-00 = **No** increase in the pre-wash time **(factory default setting)**

-01 = **+ 6 minutes** increase in the pre-wash time

-02 = **+ 9 minutes** increase in the pre-wash time

-03 = **+ 12 minutes** increase in the pre-wash time

P27 Soak duration

You can set a duration for the soak process of between 30 minutes and two hours.

You can select the duration in 30 minute increments. When the *Soak* Extra option is selected the laundry will be soaked for the duration selected.

Options

-01 = **30 minutes** soak duration **(factory default setting)**

-02 = **1 hour** soak duration

-03 = **1 hour 30 minutes** soak duration

-04 = **2 hours** soak duration

P28 Gentle action

Activating gentle action reduces the drum action and is suitable for washing lightly soiled items more gently.

Gentle action can be activated for the *Cottons* and *Minimum iron* programmes.

Options

-00 = Gentle action is switched off **(factory default setting)**

-01 = Gentle action rhythm is switched on

P29 Reduce temperature

The boiling point for water is lower at high altitudes. In order to avoid water boiling, Miele recommend activating the reduce temperature setting at altitudes of more than 2000 m above sea level. The maximum temperature is reduced to 80 °C even when a higher temperature is selected.

Options

- -00 = The reduce temperature setting is switched off **(factory default setting)**
- -01 = The reduce temperature setting is turned on

P30 Water plus

You can determine the amount of water used if the *Water plus* extra is selected.

Options

- -01 = More water is used in the wash and rinse stages **(factory default setting)**
- -02 = An extra rinse is carried out
- -03 = The water level is increased in the wash and rinse stages and an additional rinse is carried out

P31 Water plus level

There are three different water levels which can be selected by activating the *Water plus* extra.

Options

- -01 = No higher water level **(factory default setting)**
- -02 = Water level increase by 1 level when washing and rinsing
- -03 = Water level increase by 2 levels when washing and rinsing
- -04 = Water level increase by 3 levels when washing and rinsing

P32 Maximum rinse level

The water level in the rinse cycle can be permanently set to the highest value.

This function is useful for allergy sufferers as it achieves an excellent rinse result. Water consumption will increase.

Options

- -00 = Maximum rinse level is switched off **(factory default setting)**
- -01 = Maximum rinse level is switched on

P33 Suds cooling

When this is activated, additional water flows into the drum at the end of the main wash to cool the suds down. Hot suds can damage plastic drainage pipes.

Suds cooling takes place when a temperature of 70 °C or higher is selected for the Cottons programme.

Suds cooling should be activated:

– to prevent the danger of scalding if the drain hose is hooked over the edge of a sink or basin.

– where drainage pipes do not comply with DIN 1986.

Options

-00 = Suds cooling is switched off **(factory default setting)**

-01 = Suds cooling is switched on

P34 Anti-crease

The anti-crease function helps prevent creasing if laundry is not going to be removed immediately after the end of the programme.

The drum continues to turn at intervals for up to 30 minutes at the end of the programme. The door can be opened at any time.

Options

-00 = The anti-crease function is switched off

-01 = The anti-crease function is switched on **(factory default setting)**

P62 Backlight brightness dimmed

The brightness of the dimmed sensors in the control panel can be set to one of seven different levels.

The brightness changes as soon as you select a different setting.

Options

-01 = Darkest level

↓

-07 = Lightest level

-03 = **(Factory default setting)**

Detergent, fabric care, additives and machine care products are available for this washing machine. All the products have been designed for Miele washing machines.

These and many other useful products can be ordered via the internet at www.miele-shop.com or from Miele (see end of this booklet for contact details).



Detergent

UltraWhite

– Multi-purpose powder detergent
– For white and light-coloured laundry as well as heavily soiled cotton items
– Effective stain removal even at low temperatures

UltraColor

– Liquid detergent for coloured items
– For coloured and dark fabrics
– Protects bright colours from fading
– Effective stain removal even at low temperatures

Wool and delicates detergent

– Liquid detergent for delicates
– Particularly suitable for woollen and silk fabrics
– Cleans at temperatures as low as 20 °C, helps retain the shape of delicate items and protect colours

Specialist detergents

Specialist detergents are available as capsules in convenient single dose amounts or in a handy bottle.

Outerwear

– Liquid detergent for outerwear and performance clothing
– Cleans with care and is gentle on colours
– With lanolin to care for and condition membrane fabric

Sport

– Liquid detergent for sportswear and fleece garments
– Neutralises unpleasant odours
– Retains the shape of the items

Down

– Liquid detergent suitable for pillows, sleeping bags, and down-filled items
– Retains the elasticity of down and feather-filled items
– Retains the breathability of down-filled items
– Prevents down filling clumping together

Optional accessories

WoolCare

– Liquid detergent for woollens and delicates

– Includes a special wheat protein conditioning formula

– Helps prevent felting

– Gentle on colours

– Only available as capsules

SilkCare

– Liquid detergent for silks

– Contains a special silk protein conditioning formula

– Gentle on colours

– Only available as capsules

Fabric care

Fabric care is available as capsules in convenient single dose amounts or in a handy bottle.

Proofing agent

– For proofing microfibre fabrics, e.g. rain coats

– Retains the breathability of fabrics

Fabric conditioner

– Fresh, natural fragrance

– Makes laundry soft to handle

Additive

Booster

– For removing stains

– For white and coloured laundry

– Available as capsules in convenient single dose amounts

Machine care

Machine cleaner

– For cleaning the washing machine thoroughly and effectively

– Removes grease, bacteria, and associated unpleasant odours

– Use 1–3 times per year

Descaling agent

– removes heavy limescale deposits

– Mild and gentle with natural citric acid

Water softener tablets

– Reduces the amount of detergent needed for hard water

– Less detergent residue in fabrics

– Less chemicals in waste water due to reduced amount of detergent

United Kingdom
Miele Co. Ltd.
Fairacres, Marcham Road
Abingdon, Oxon, OX14 1TW
Customer Contact Centre Tel: 0330 160 6600
E-mail: mielecare@miele.co.uk
Internet: www.miele.co.uk

Australia
Miele Australia Pty. Ltd.
ACN 005 635 398
ABN 96 005 635 398
1 Gilbert Park Drive
Knoxfield, VIC 3180
Tel: 1300 464 353
Internet: www.miele.com.au

China
Miele (Shanghai) Trading Ltd.
1-3 Floor, No. 82 Shi Men Yi Road
Jing' an District
200040 Shanghai, PRC
Tel: +86 21 6157 3500
Fax: +86 21 6157 3511
E-mail: info@miele.cn,
Internet: www.miele.cn

Miele (Hong Kong) Limited
41/F - 4101, Manhattan Place
23 Wang Tai Road
Kowloon Bay, Hong Kong
Tel: (852) 2610 1025
Fax: (852) 3579 1404
Email:
customerservices@miele.com.hk
Website: www.miele.hk

India
Miele India Pvt. Ltd.
Ground Floor
Copia Corporate Suites
Plot No. 9, Jasola
New Delhi - 110025
Tel: 011-46 900 000
Fax: 011-46 900 001
E-mail: customercare@miele.in
Internet: www.miele.in

Ireland
Miele Ireland Ltd.
2024 Bianconi Avenue
Citywest Business Campus
Dublin 24
Tel: (01) 461 07 10
Fax: (01) 461 07 97
E-Mail: info@miele.ie
Internet: www.miele.ie

Malaysia
Miele Sdn Bhd
Suite 12-2, Level 12
Menara Sapura Kencana
Petroleum
Solaris Dutamas No. 1
Jalan Dutamas 1
50480 Kuala Lumpur, Malaysia
Phone: +603-6209-0288
Fax: +603-6205-3768

New Zealand
Miele New Zealand Limited
IRD 98 463 631
Level 2, 10 College Hill
Freemans Bay, Auckland 1011
New Zealand
Tel: 0800 464 353
Internet: www.miele.co.nz

Singapore
Miele Pte. Ltd.
163 Penang Road
04 - 03 Winsland House II
Singapore 238463
Tel: +65 6735 1191
Fax: +65 6735 1161
E-Mail: info@miele.com.sg
Internet: www.miele.sg

South Africa
Miele (Pty) Ltd
63 Peter Place, Bryanston 2194
P.O. Box 69434, Bryanston 2021
Tel: (011) 875 9000
Fax: (011) 875 9035
E-mail: info@miele.co.za
Internet: www.miele.co.za

Taiwan
K.E. & Kingstone Co., Ltd.
6th Fl., No. 120, Sec. 2
Jianguo N. Rd.
Taipei, Taiwan
TEL: +886 2 2502-7256
FAX: +886 2 2502-3077
E-mail: kenk@kenk.com.tw
Website:
www.kenk.com.tw/ke/miele

Thailand
BHIRAJ TOWER at EmQuartier
43rd Floor Unit 4301-4303
689 Sukhumvit Road
North Klongton Sub-District
Vadhana District
Bangkok 10110, Thailand

United Arab Emirates
Miele Appliances Ltd.
Gold & Diamond Park
Office No. 6-217
Sheikh Zayed Road
P.O. Box 11 47 82 - Dubai
Tel. +971 4 3044 999
Fax. +971 4 3418 852
800-MIELE (64353)
E-Mail: info@miele.ae
Website: www.miele.ae

Manufacturer: Miele & Cie. KG, Carl-Miele-Straße 29, 33332 Gütersloh, Germany

Miele

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