Miele

Operating and installation instructions
Washing machine

Always read the operating instructions before setting up, installing and commissioning the machine. This prevents both personal injury and damage to the machine.

en-GB

M.-Nr. 12 535 840

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Disposing of the packaging material

The packaging material is used for handling and protects the appliance from transport damage. The packaging material used is selected from materials which are environmentally friendly for disposal and can generally be recycled.

Recycling the packaging material reduces the use of raw materials. Use material-specific collection points for valuable materials and take advantage of return options. Your Miele dealer will take the packaging material away.

Disposing of your old appliance

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

Instead, please make use of officially designated collection and disposal points to dispose of and recycle electrical and electronic appliances in your local community, with your dealer or with Miele, free of charge. By law, you are solely responsible for deleting any personal data from the old appliance prior to disposal. You are legally obliged to remove any old batteries which are not securely enclosed by the appliance and to remove any lamps without destroying them, where this is possible. These must be taken to a suitable collection point where they can be handed in free of charge. Please ensure that your old appliance poses no risk to children while being stored for disposal.

Warning and safety instructions

This washing machine complies with all current local and national safety requirements. However, inappropriate use can lead to personal injury and damage to property.

Read the operating instructions carefully before using the washing machine. They contain important information on safety, installation, use and maintenance. This prevents both personal injury and damage to the washing machine.

In accordance with standard IEC 60335-1, Miele expressly and strongly advises that you read and follow the instructions in the chapter on installing the washing machine as well as the safety instructions and warnings.

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

Keep these operating instructions in a safe place and pass them on to any future owner.

When instructing other people how to use the washing machine, they must be made aware of these safety and warning instructions.

Appropriate use

▶ The washing machine is only suitable for washing fabrics with a care label stating that they are suitable for machine washing. Any other applications may be dangerous. The manufacturer cannot be held liable for damage resulting from incorrect or improper use or operation of the machine.

▶ This washing machine must be used as described in the operating instructions and must be checked on a regular basis to make sure it is functioning correctly. Maintenance must be carried out when necessary.

▶ The washing machine is not suitable for outdoor use.

▶ This washing machine may also be operated in public areas.

▶ This 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 in a safe way and understand and recognise the consequences of incorrect operation.

▶ Children under the age of 8 must not be allowed near the washing machine unless they are constantly supervised.

▶ Children over the age of 8 may only use the washing machine without supervision if its operation has been clearly explained to them and they are able to use it safely. Children must be able to understand and recognise the possible dangers caused by incorrect operation.

▶ Children may not carry out cleaning or maintenance on the washing machine unsupervised.

▶ Always supervise any children in the vicinity of the washing machine. Never allow children to play with the washing machine.

Technical safety

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

▶ The electrical safety of the washing machine can only be guaranteed when correctly earthed.
It is most important that this basic safety requirement is tested and in case of any doubt the on-site wiring system should be inspected by a qualified electrician.
Miele cannot be held liable for the consequences of an inadequate earthing system.

▶ 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 approved service technician, otherwise any subsequent damage will not be covered by the warranty.

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

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

- switch off at the wall and disconnect the plug from the socket, or
- disconnect the fuse at the mains circuit board, or
- unscrew the on-site screw-in fuse.

See “Installation – Electrical connection”.

▶ 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 washing machine must only be connected to the on-site water supply using a new hose kit. Old hoses must not be re-used. Check the hose regularly for signs of wear. Replace it in good time to avoid the risk of leaks and subsequent damage.

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

▶ For reasons of safety, do not connect the machine to the mains electricity supply by an extension lead, multi-socket adapter, or similar. These can overheat and are a fire hazard.

▶ In the case of commercial use, all relevant national provisions and regulations (DGUV in Germany) relating to accident insurance are applicable to this machine. It is recommended to carry out testing in accordance with national regulations (e.g. the regulatory framework described in DGUV100-500/Chapter 2.6/Section 4). The test book required for the documentation is available from Miele.

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

▶ Please observe the instructions in “Installation” and “Technical data”.

▶ If the washing machine is equipped with an electrical plug connection, it must be easily accessible after installation so that the machine can be disconnected from the electricity supply if necessary.

▶ If the appliance is hard wired, an on-site all pole circuit breaker must always be accessible to disconnect the washing machine from the mains.

▶ Temporary or permanent operation on an autonomous power supply system or a power supply system that is not synchronised with the mains power supply (e.g. island networks, backup systems) is possible. A prerequisite for operation is that the power supply system complies with the specifications of EN 50160 or an equivalent standard.
The function and operation of the protective measures provided in the building’s electrical installation and in this Miele product must also be maintained in isolated operation or in operation that is not synchronised with the mains power supply, or these measures must be replaced by equivalent measures in the installation. As described, for example, in the current version of VDE-AR-E 2510-2.

▶ While the washing machine is under warranty, repairs should only be undertaken by a Miele authorised service technician. Otherwise the warranty will be invalidated.

Correct use

▶ The maximum dry laundry weight is 8,0 kg. The maximum recommended loads for individual programmes are given in the Programme chart.

▶ Do not install your washing machine in a room where temperatures below freezing may occur. 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 washing machine have been removed (see "Installation – Removing transit bars"). During spinning, transit bars which are still in place may result in damage to both the machine and adjacent furniture or appliances.

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

▶ Danger of flooding! If hooking the drain hose into a wash basin, check that the water can drain off quickly enough to prevent the sink from overflowing. Hook the hose over the edge and secure. If the hose is unsecured, the force of the water flowing out of it can dislodge it from the basin.

▶ 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). Damaged components can damage the laundry.

▶ 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 special non-corrosive descaling agents and strictly observe the instructions on the packaging. Special descaling agent is available from your Miele dealer or from Miele Service. Strictly observe the instructions for the descaling agent.

▶ For textiles that have been treated with solvent-based detergents, always check whether they can be washed in a washing machine. To check whether this is possible, refer to safety notes, information concerning the product's environmental properties, and other information.

▶ Never use solvent based detergents, e.g. those containing benzine, in this machine. Doing so may result in damage to component parts and create toxic fumes. Risk of fire and explosion.

▶ Benzine, petrol, paraffin, or any easily flammable liquid must not be stored or used near the machine. Risk of fire and explosion

▶ Only use dyes suitable for use in a 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 washing machine.

▶ Avoid contact between stainless steel surfaces (front, lid, casing) and liquid detergents or disinfecting agents which contain chlorine or sodium hypochlorite. These agents can have a corrosive effect on stainless steel. Aggressive vapours containing chlorine can also be corrosive. Do not store open containers of these agents near the machine.

▶ Do not use a pressure washer or hose to clean the washing machine.

▶ It is particularly important to observe manufacturer's instructions when using a combination of cleaning agents and special application products. Products must only be used for applications approved by the manufacturer to avoid any material damage or the occurrence of strong chemical reactions.

▶ If detergent has come into contact with the eyes, rinse out immediately with plenty of lukewarm water. If detergent has accidentally been ingested, seek medical advice immediately. People with damaged or sensitive skin should avoid contact with detergent.

▶ When adding or removing laundry during the main wash, your skin may come into contact with detergent, particularly if the detergent is dispensed externally. Take care when placing your hands inside the drum. If suds have come into contact with the skin, rinse off immediately with lukewarm water.

Accessories

▶ Only use original Miele accessories. If other parts are used, warranty, performance and product liability claims will be invalidated.

▶ Miele tumble dryers and Miele washing machines can be installed as a washer-dryer stack. This requires a Miele washer-dryer stacking kit which can be purchased separately. Please ensure that the washer-dryer connection kit is suitable for the Miele tumble dryer and the Miele washing machine.

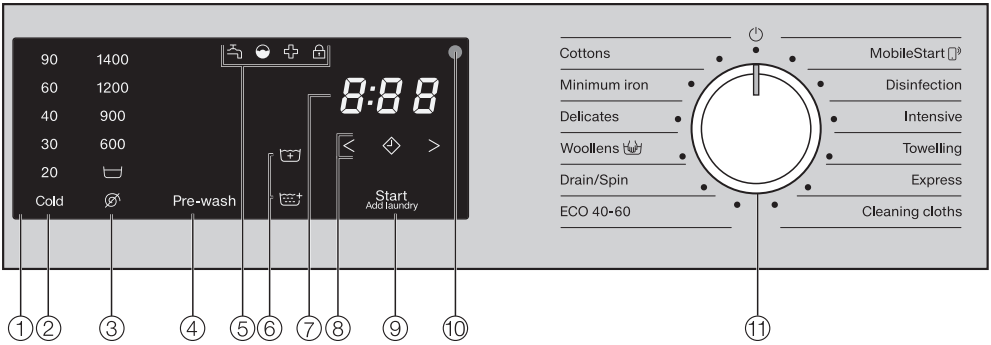
▶ If installing the machine on a Miele plinth (available as an optional accessory), please make sure you order the correct one for this washing machine.

▶ Miele will guarantee to supply functional spare parts for a minimum of 10 years and up to 15 years following the discontinuation of your washing machine.

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

Operating the washing machine

Control panel



① **Control field**

② **Temperature sensor controls**
for selecting the temperature

③ **Spin speed sensor controls**
for selecting the spin speed

④ **Pre-wash sensor control**
for selecting the *Pre-wash* extra

⑤ **Indicator lights**
light up when necessary

⑥ **Extra options sensor controls**
for selecting the *Water+* and *Rinse+* extra options

⑦ **Time display**
for the programme running time

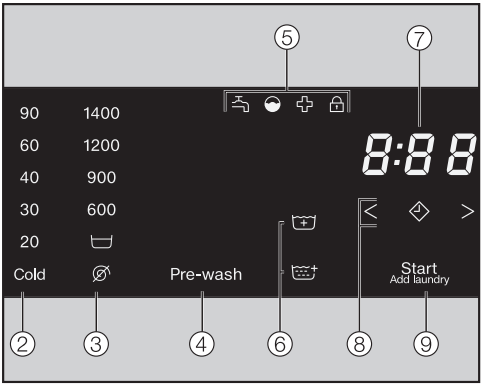
⑧ **Sensor controls** < > for the Delay start function

⑨ ***Start/Add laundry* sensor control**
starts the selected programme and allows you to add laundry

⑩ **Optical interface**
for Customer Service

⑪ **Programme selector**
for selecting programmes and for switching off the appliance
The washing machine is switched on when you select a programme and switched off by turning the programme selector to the position.

How the control field works



The ②, ③, ④, ⑥, ⑧ and ⑨ sensor controls react to fingertip contact. If a sensor control is lit, it can be selected.

If a sensor control is brightly lit, this means it is currently selected.

If a sensor control is dimly lit, this means it can be selected.

② and ③ sensor controls 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 Pre-wash sensor control

You can supplement certain wash programmes with the *Pre-wash* extra option.

If an extra option can be selected for the wash programme, the sensor control for the extra option lights up dimly.

⑤ Indicator lights

- lights 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.
- lights up if the door to the washing machine is locked.

⑥ Extra options sensor controls

You can supplement some wash programmes with the *Water+* and *Rinse+* extra options.

If an extra option can be selected for the wash programme, the sensor control for the extra option lights up dimly.

⑦ Time display

After the programme has started, the programme running time will appear on the display in hours and minutes.

When delay start is being used, the programme running time will appear after the delay start period has elapsed.

⑧ Sensor controls < ◷ >

- ◷
  After touching the ◷ sensor control, 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 control.

The delay start period selected will appear on the time display.

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

Once the Delay start time has elapsed, the programme begins. The estimated programme running time appears on the time display.

⑨ Start/Add laundry sensor control

- The programme can be started as soon as the sensor control is flashing on and off. Touching the *Start/Add laundry* sensor control starts the selected programme. The sensor control lights up constantly.
- Once the programme has been started, the *Start/Add laundry* sensor control allows you to add laundry.

⚠ Damage resulting from incorrect installation and connection.
Installing and connecting the washing machine incorrectly will cause serious property damage.
See “Installation”.

Removing the protective foil and stickers

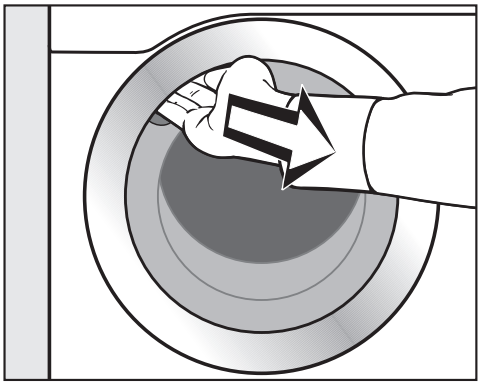
■ Remove:

- 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) which are visible when you open the door.

Emptying the drum

A swivel elbow for the drain hose and/or assembly material may be stored in the drum.



■ Pull open the door.

■ Remove the swivel elbow and assembly material.

■ Shut the door with a gentle swing.

This washing machine has undergone a complete functional test at the factory. Some residual water will therefore remain in the drum from this process.

Miele@home

Your washing machine is equipped with an integrated WiFi module.

To use this feature, you will need:

- A WiFi network
- The Miele app
- A Miele user account. You can create a user account via the Miele app.

The Miele app will guide you as you connect your washing machine to your home WiFi network.

Once your washing machine is connected to your WiFi network you can use the app, for example, to carry the following activities:

- Operate your washing machine remotely
- Access information about the operating status of your washing machine
- Access information about a programme sequence on your washing machine

Connecting your washing machine to your WiFi network will increase energy consumption, even when the washing machine is switched off.

Before installing the washing machine in its final location, ensure the signal strength is sufficient for your WiFi network.

Availability of the WiFi connection

The WiFi connection shares a frequency range with other appliances (including microwave ovens and remote control toys). This can give rise to sporadic or even complete connection failures. Therefore, the availability of featured functions cannot be guaranteed.

Miele@home availability

The ability to use the Miele app depends on the availability of the Miele@home service in your country.

The Miele@home service is not available in every country.

For information about availability, please visit www.miele.com.

Miele App

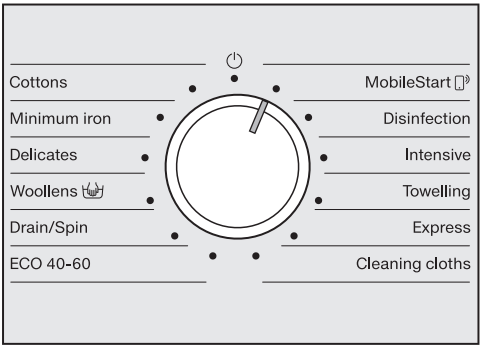
The Miele App is available to download free of charge from the Apple App Store® or from the Google Play Store™.

Setting up Miele@home

There are 2 ways of connecting:

1. Via the Miele app (default)
2. Via WPS

Logging in via the Miele app



- Turn the programme selector to the *MobileStart* programme.

APP appears on the time display and the timeout starts to count down from 10 minutes. The Miele app will guide you through the remaining steps.

When you have successfully connected, *Con* will appear on the time display.

Logging in via WPS

- Turn the programme selector to the *MobileStart* programme.
- Touch the sensor control repeatedly until *WPS* appears in the time display.

The timeout then starts to count down from 2 minutes on the time display.

- Activate the WPS function on your router within 2 minutes.

When you have successfully connected, *Con* will appear on the time display.

Tip: If the connection has not been set up when the timeout has finished counting down, repeat the process.

Running the first wash programme

For safety reasons, spinning is not possible until the appliance has been prepared for use 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!

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

The washing machine is switched on.

- Touch the *Start/Add laundry* sensor control.

The wash programme will start.

After 10 minutes, the indicators dim and the *Start/Add laundry* sensor control starts flashing.

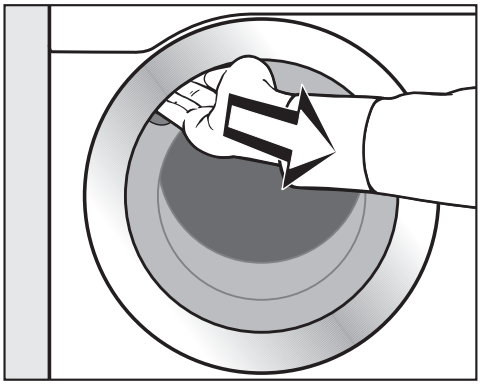
Opening the door at the end of the programme

The door remains locked during the Anti-crease phase. The control field lights up for the first 10 minutes. The control field then goes out and the *Start/Add laundry* sensor control flashes.

- Turn the programme selector to the ⏻ position.

The door will unlock.

Tip: After the Anti-crease phase, the washing machine will have switched off and the door unlocked automatically. The control field will be completely dark.



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

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

Initial commissioning is now complete.

Energy and water consumption

- To get the most out of your machine, load the maximum dry load size for the wash programme you are using. This will keep the energy and water consumption to a minimum in relation to the size of the load.
- Programmes that are more efficient with regard to energy and water consumption generally have a longer running time. By extending the programme running time, the wash temperature that is actually reached can be reduced while still providing the same wash results.

  For example, the *ECO 40-60* programme has a longer running time than the *Cottons* 40 °C or 60 °C programme. The *ECO 40-60* programme is more efficient in terms of energy and water consumption.
- Use the *Express* programme for small, lightly soiled loads.
- Modern detergents make it possible to wash laundry at lower temperatures (e.g. 20 °C). Using lower temperature settings will save energy.
- To maintain the hygiene of the washing machine, carry out a hot wash above 60 °C at regular intervals. The washing machine's ✣ indicator light will come on to remind you to carry out a hot wash.

Detergent consumption

- Do not exceed the amounts of detergent recommended by the manufacturer on the packaging.
- Adjust the dispensing to the degree of soiling of the laundry.
- Reduce the amount of detergent with smaller load sizes (approx. ⅓ less detergent than the amount recommended can be used when washing a half load).

Information about subsequent tumble drying

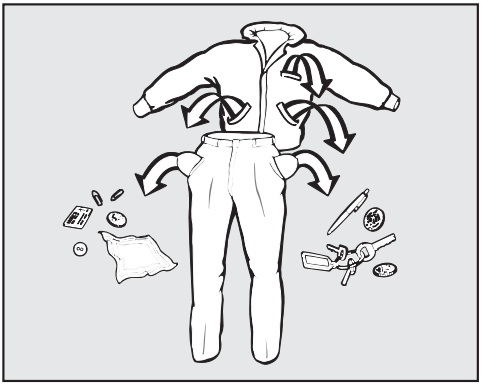
The spin speed selected affects the residual moisture in the laundry and the sound emissions of the washing machine.

The higher the spin speed, the lower the residual moisture in the laundry. However, the sound emissions of the washing machine will increase.

Select the highest possible spin speed for the wash programme to save energy in the subsequent tumble dryer cycle.

1. Preparing the laundry

Emptying pockets



■ Empty all pockets.

⚠ Damage due to foreign objects.
Nails, coins, paper clips, and so on can cause damage to garments and components in the machine.
Check the laundry before washing and remove any foreign objects.

Sorting the laundry

■ Sort the laundry according to colour and the garment care label.

Pre-treating stains

■ Badly soiled areas and stains should be cleaned as soon as possible. Spillages should be carefully dabbed off using a soft, colourfast cloth.

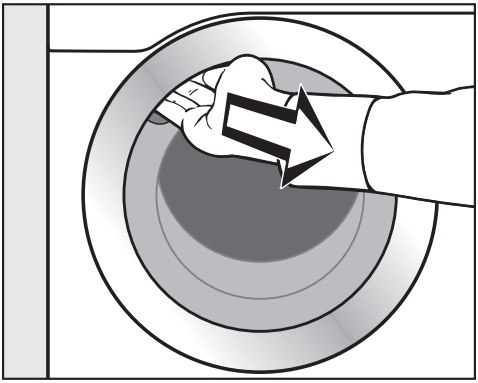
⚠ Damage due to solvent-based detergents.
Detergents containing benzine, stain remover, etc., can damage plastic parts.
When pre-treating textiles, make sure that any plastic parts do not come into contact with the detergent.

⚠ Risk of explosion due to solvent-based detergents.
When using solvent-based detergents, an explosive mixture may develop.
Never use solvent-based detergents in the washing machine.

General tips

- Do not machine wash items which are specified by the manufacturer as **not washable** on the care label (☒).
- Curtains: remove rollers and lead weights or place in a laundry bag.
- Sew in or remove any loose underwiring in bras.
- Turn garments inside out, if recommended by the manufacturer.
- Zip up or close any jackets with Velcro or hook and eye fastenings before washing.
- Fasten duvet covers and pillow cases to prevent small items from becoming rolled up inside them.
- Please refer to the Programme chart for more tips and tricks.

Opening the door



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

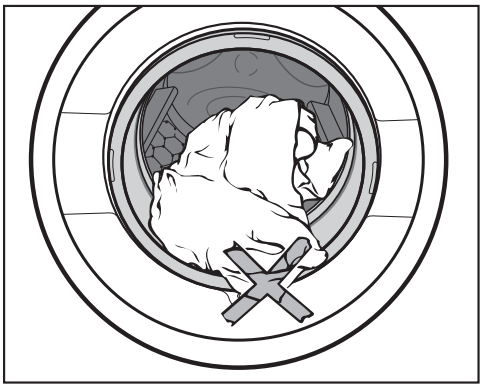
Check the drum for foreign objects before loading it with laundry.

- Unfold the laundry and load loosely into the drum.

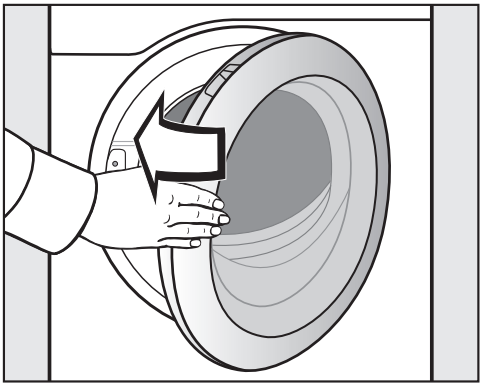
Mixing both large and small items gives better wash results and also helps to distribute the load evenly during spinning.

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 creasing.

Closing the door



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

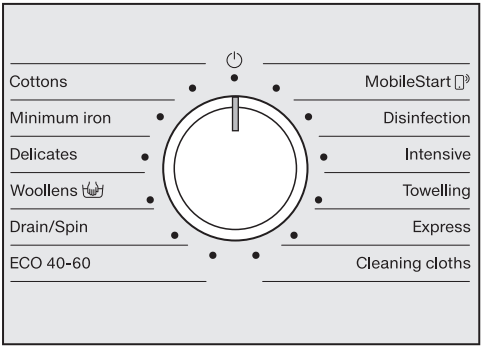


- Shut the door with a gentle swing.

3. Selecting a programme and settings

1. Selecting wash programmes using the programme selector

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

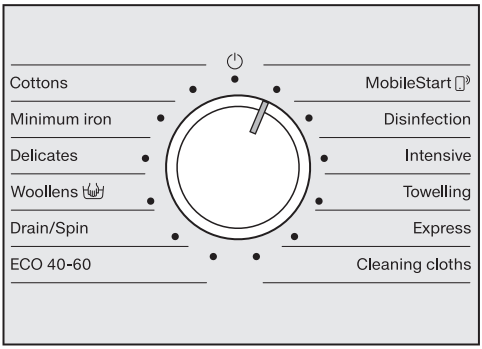


- Turn the programme selector to the required programme.

The estimated wash time is shown on the time display and the pre-set temperature and spin speed light up in the control field.

2. Selecting programmes using the MobileStart programme selector position and the Miele app

Tip: To use MobileStart, the washing machine must be logged on to the WiFi network and *Remote control* must be switched on.



- Turn the programme selector to the MobileStart position.

Con appears on the time display.

Once the programme has started, the washing machine can be operated with the Miele app.

You must touch the *Start/Add laundry* sensor control to enable operation via the Miele app.

Selecting a temperature and spin speed

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

- Touch the sensor control for the temperature you want.

The sensor control lights up brightly.

- Touch the sensor control for the spin speed you want.

The sensor control lights up brightly.

Selecting Extras

If an extra option can be selected for the wash programme, the sensor control for the extra option lights up dimly.

- Touch the sensor control for the extra option you want.

The sensor control lights up brightly.

You can select multiple extra options for a wash programme.

Please refer to "Extra options" for more information.

4. Adding detergent

Detergent drawer

You can use any detergent that is suitable for washing machines.

Detergent dispensing

Please follow the detergent manufacturer's instructions in relation to dosage.

Adding too much detergent will lead to excessive foaming.
Avoid adding excess detergent.

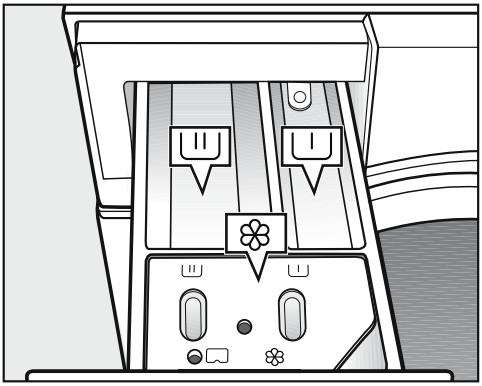
The amount to dispense will depend on:

- the amount of laundry
- the amount of soiling in the laundry
- the water hardness

Hardness range	Hardness in mmol/l	Degree of German hardness °dH
I (soft)	0-1.5	0-8.4
II (medium)	1.5-2.5	8.4-14
III (hard)	above 2.5	above 14

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

Adding detergent



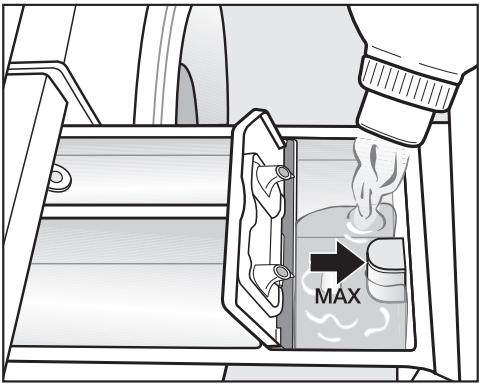
■ Pull out the detergent drawer and add detergent to the compartments.

I Detergent for the pre-wash (divide the total recommended amount as follows: ⅓ to compartment I and ⅔ to compartment II)

II Detergent for the main wash

❀ Fabric conditioner or liquid starch

Automatic dispensing of fabric softener or liquid starch



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

This will be automatically dispensed in the final rinse. At the end of the wash programme a small amount of water remains in the ❀ compartment.

Tip: If starching frequently, thoroughly clean the detergent drawer, especially the siphon tube, regularly.

Dye removers and dyes

⚠ Damage due to colour run/dye removers.
Colour run and dye removers can cause corrosion in the washing machine.
Do not use colour run or dye removers in this washing machine.

Only use dyes suitable for use in a washing machine. The manufacturer's instructions on the packaging must be observed.

5. Starting the programme – end of the programme

Starting the programme

■ Touch the flashing *Start/Add laundry* sensor control.

The door will lock and the wash programme will start.

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

If a Delay start period has been selected, this counts down on the time display. At the end of the Delay start period or immediately after the programme has started, the programme running time appears on the time display.

Energy savings

After 10 minutes, the indicators dim. The *Start/Add laundry* sensor control flashes slowly.

To reactivate the indicators:

■ Touch the *Start/Add laundry* sensor control (this does not have any effect on a programme that is running).

End of programme

The door remains locked during the Anti-crease phase. The control field lights up for the first 10 minutes. The control field then goes out and the *Start/Add laundry* sensor control flashes.

■ Turn the programme selector to the ⏻ position.

The door will unlock.

Tip: After the Anti-crease phase, the door will unlock automatically.

■ Pull open the door.

■ Remove the laundry.

Items left in the drum could discolour other laundry in the next wash or become discoloured themselves. Remove all items from the drum.

■ Check the door sealing ring for any foreign objects.

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

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

Selecting the Delay start function

Delay start cannot be selected in the *Drain/Spin* programme.

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

The ⏲ sensor control lights up brightly.

- Touch the < or > sensor control repeatedly until the required Delay start time appears on the time display.

- In the case of settings below 10 hours, the Delay start time changes in increments of 30 minutes.
- In the case of settings above 10 hours, the Delay start time changes in increments of 1 hour.

Starting Delay start

- Touch the flashing *Start/Add laundry* sensor control.

The Delay start process starts and counts down on the time display.

The 🔒 symbol will flash.

Changing the Delay start time

- Touch the *Start/Add laundry* sensor control until the door unlocks and the 🔒 symbol goes out.

The Delay start process stops.

- Touch the < or > sensor control repeatedly until the required Delay start time appears on the time display.
- Touch the flashing *Start/Add laundry* sensor control.

Cancelling Delay start

- Touch the *Start/Add laundry* sensor control until the door unlocks and the 🔒 symbol goes out.

The Delay start process stops.

- Touch the brightly lit ⏲ sensor control.

The Delay start period is deleted. The programme running time appears on the time display.

- Touch the flashing *Start/Add laundry* sensor control in order to start the wash programme.

SmartStart

You can set your washing machine to start automatically based on an external signal within a certain time period.

This function is active when the *P98* SmartGrid programmable function is switched on.

The time period can be defined between 30 minutes and 24 hours. The washing machine will then start within the time period specified by you when it receives an external signal. If an external signal has not been received by the latest start time set, the washing machine will start automatically.

Setting the time period

If the *P98* SmartGrid programmable function is activated, the function of the sensor control changes. The time display no longer shows the delay start period, and instead shows the time period in which your washing machine can be started automatically (see “Programmable functions – *P98* SmartGrid”).

The procedure for setting this is the same as for setting the delay start time.

- Touch the sensor control.
- Set the time period you want using the < or > sensor controls.
- Touch the *Start/Add laundry* sensor control.

Ctr appears on the time display.

Cottons	**Cold to 90 °C**	**Max. load 8,0 kg**
Items	Cotton, linen and mixed fibre textiles	
Tip	- Select the temperature according to the instructions on the care label, the detergent, the type of soiling and the hygiene requirements. - Use the 20 °C programme for lightly soiled cotton garments.	
1400 rpm	Extras: Pre-wash, Water+, Rinse+	Rinse cycles: 2
Minimum iron	**Cold to 60 °C**	**Max. load 4,0 kg**
Items	Synthetic and mixed fibre textiles as well as easy care cotton	
Tip	- Reduce the final spin speed for fabric that creases easily.	
1200 rpm	Extras: Pre-wash, Water+, Rinse+	Rinse cycles: 2
Delicates	**Cold to 40 °C**	**Max. load 3,0 kg**
Items	Delicate garments made from synthetic fibre, mixed fibre and viscose	
Tip	- Deselect the final spin speed for fabric that creases easily.	
600 rpm	Extras: Pre-wash, Water+, Rinse+	Rinse cycles: 2
Woollens	**Cold to 30 °C**	**Max. load 3,0 kg**
Items	Machine-washable woollens and woollen blends	
Tip	- Use detergent formulated for delicates/woollens.	
1200 rpm		Rinse cycles: 2
Drain/spin		**Max. load 8,0 kg**
Tip	- Select the Rinse+ extra option for an additional rinse. - Make sure you select the appropriate spin speed. - Drain only: set spin speed to ⊘.	
1400 rpm	Extras: Rinse+	

Programme chart

ECO 40–60		**Max. load 8,0 kg**
Items	Normally soiled cotton garments	
Tip	- A laundry load consisting of mixed cottons that are intended for washing at 40 °C or 60 °C can be washed in the same wash cycle. - This programme is the most efficient in terms of energy and water consumption for washing cottons.	
1400 rpm	Extras: Pre-wash	Rinse cycles: 2
Note for test institutes: Test programme for compliance with EU legislation regarding ecodesign No. 2019/2023 and energy labelling in accordance with Regulation No. 2019/2014.		
MobileStart		
Tip	The Miele app is used to select programmes and operate the appliance.	
Disinfection	**60 °C**	**Max. load 5.5 kg**
Items	Cotton or mixed fibre textiles, sorted by colour, provided they are suitable for disinfection.	
Tip	- Chemo-thermal disinfection with a 30-minute holding time at 60 °C. - Use special-purpose detergents.	
1400 rpm	Extras: Pre-wash, Rinse+	Rinse cycles: 2
Intensive	**40 °C to 90 °C**	**Max. load 8,0 kg**
Items	Heavily soiled workwear made from cotton, linen and mixed fibres	
Tip	- You can achieve particularly good wash and rinse results with a high water level.	
1400 rpm	Extras: Pre-wash, Rinse+	Rinse cycles: 2
Towelling	**40 °C to 60 °C**	**Max. load 6,0 kg**
Items	Towels and bathrobes made from terrycloth	
Tip	- Use a colour detergent for dark textiles.	
1400 rpm	Extras: Pre-wash, Water+, Rinse+	Rinse cycles: 2

Express	**Cold to 40 °C**	**Max. load 3,5 kg**
Items	Cotton garments that have hardly been worn or are only very lightly soiled	
1400 rpm		Rinse cycles: 1
Mops & cloths	**40 °C to 90 °C**	**Max. load 4,0 kg**
Items	Mixed fibre or microfibre mops and cloths	
Tip	- The programme is designed to wash mops and cleaning cloths. - Use special-purpose detergents. - A pre-spin and a pre-rinse cycle are carried out before the main wash.	
1400 rpm		Rinse cycles: 2

Extras

You can add Extras to the wash programmes.

Selecting extras

Extra options are selected and deselected using the sensor controls on the control field.

- Touch the sensor control for the extra option you want.

The relevant sensor will light up brightly.

Not all extra options can be selected with every wash programme.

If the sensor control lighting is switched off, this means the extra option cannot be selected. The extra option cannot be activated by touch.

Pre-wash

A pre-wash can be added for heavily soiled laundry. Coarse soiling is loosened and removed before the main wash.

Water+

The water level in the main wash and the rinses will be increased.

Rinse+

An extra rinse can be activated to achieve a better wash result.

Spinning

Final spin speed

When a programme is selected, the maximum spin speed for this wash programme is shown in the display.

You can reduce the final spin speed.

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

Interim spin

There is a spin cycle after the main wash and between the rinses. A reduction in the final spin speed will also reduce the interim spin speed as appropriate.

Omitting the interim spin and the final spin

- Touch the ⌀ sensor control.

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

Omitting the final spin (Rinse hold)

- Touch the ⌓ sensor control (Rinse hold).

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

Starting the final spin after Rinse hold

The sensor control for the maximum spin speed lights up in the control field. You can change the spin speed. The *Start/Add laundry* sensor control flashes slowly.

- Touch the flashing *Start/Add laundry* sensor control.

The final spin is carried out.

Ending the programme after Rinse hold

- Reduce the spin speed to ⌀.
- Touch the *Start/Add laundry* sensor control.

The washing machine pumps away the suds. The programme has finished.

Anti-crease

At the end of the programme, the drum continues to turn at intervals for up to 30 minutes to help prevent creasing. The washing machine can be opened at any time.

There is no anti-crease phase at the end of some programmes.

Changing the programme sequence

Changing a programme

After the start of a programme, it is no longer possible to select a different programme.

You will need to cancel the current programme before you can select a new one.

-0- appears on the time display if the programme selector has been moved. Set the programme selector back to its original position.

If the washing machine is switched off during active programme operation, the standby function does not switch the washing machine off completely after 15 minutes. Safety functions continue to be active because there may still be water inside the drum.

Cancelling a programme

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

- Turn the programme selector to the ⏻ position.
- Turn the programme selector to any position.

Rotating bars *[-]* ... *[_]* ... *[¯]* or *-0-* are shown on the time display.

The water is pumped away and the door lock is then released.

Selecting a new programme

- Turn the programme selector to the required wash programme.
- Check that there is still detergent in the detergent drawer. Add more detergent if there is none left.
- Touch the *Start/Add laundry* sensor control.

Adding or removing laundry

Laundry can be added or removed at any time, provided that the 🔒 symbol is not illuminated on the control field.

- Touch the *Start/Add laundry* sensor control.

Rotating bars *[-]* ... *[_]* ... *[¯]* are shown in the time display.

If the word *Add* appears on the time display, the door can be opened.

- Open the door.
- Add or remove laundry.
- Close the door.
- Touch the *Start/Add laundry* sensor control.

The wash programme will continue.

The correct detergent

You can use any detergent that is suitable for washing machines. Instructions for use and recommended amounts are given on the detergent packaging.

Recommended detergents in accordance with Directive (EU) No. 1015/2010

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

	Universal	Colour	Delicates and woollens	Special
	detergent			
Cottons	✓	✓	–	–
Minimum iron	–	✓	–	–
Delicates	–	–	✓	–
Woollens	–	–	✓	✓
ECO 40-60	✓	✓	–	–
Disinfection	–	–	–	✓
Intensive	✓	–	–	✓
Towelling	✓	✓[1]	–	–
Express	–	✓[1]	–	–
Cloths	–	–	–	✓

✓ Recommended

– Not recommended

[1] Liquid detergent

⚠ Risk of electric shock.
Only ever perform cleaning and maintenance work when the appliance is disconnected from the power.
Disconnect the washing machine from the mains electricity supply.

Cleaning the casing and fascia panel

⚠ Damage caused by detergents.
Solvent-based cleaning agents, abrasive cleaners, glass cleaners or multi-purpose cleaning agents can cause damage to plastic surfaces and other parts.
Do not use any of these cleaning agents.

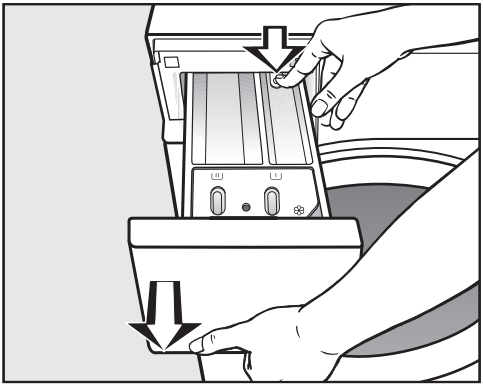
⚠ Risk of damage due to ingress of water.
The pressure of a water jet can cause water to get into the washing machine, resulting in damage to components.
Do not spray the washing machine with a water jet.

- Clean the casing and fascia panel with a mild cleaning agent or soap and water and dry both with a soft cloth.
- The drum and any other stainless steel components can be cleaned using a suitable stainless-steel cleaning agent.

Cleaning the detergent drawer

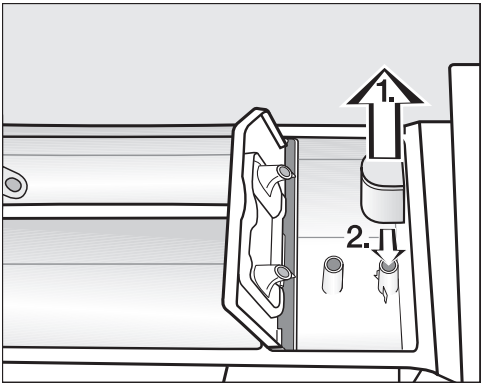
Washing at low temperatures and the use of liquid detergent can lead to a build-up of mould and bacteria in the detergent drawer.

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

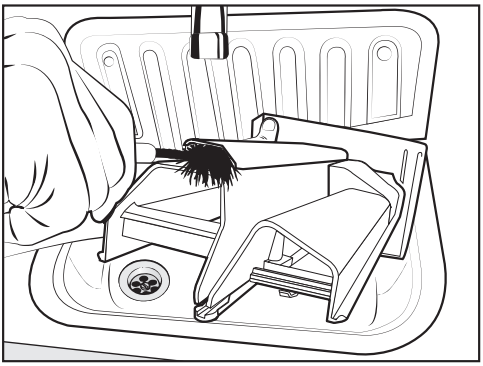


- Pull out the detergent drawer until resistance is felt. Press down the release button and at the same time pull the drawer right out of the appliance.
- Clean the detergent drawer with warm water.

Cleaning the siphon and the channel

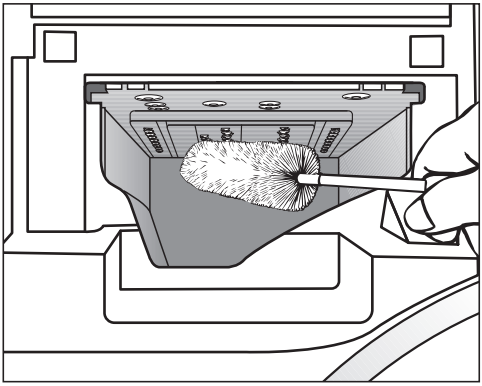


- Pull the siphon out of the ❀ compartment .
  Clean the siphon under warm running water. Clean the siphon tube in the same way.
- Refit the siphon.



- Clean the fabric conditioner channel using a brush and warm water.

Cleaning the detergent drawer



- Use a bottle brush to remove detergent residues and limescale from the jets inside the detergent drawer.
- Replace the detergent drawer.

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

Cleaning the drum, suds container and drainage system

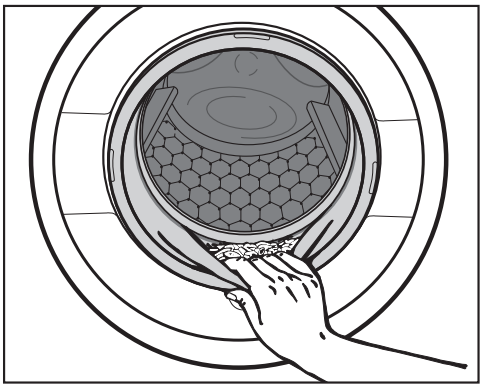
By using wash programmes with temperatures of 60 °C or higher on a regular basis and using a multi-purpose detergent, you can avoid a build-up of bacteria in the washing machine.

The drum, suds container and drainage system must be cleaned whenever the ⚙ indicator light comes up or if necessary.

Optimum results can be achieved by using a machine cleaner. Alternatively, a multi-purpose detergent can be used.

- Start the *Cottons 90 °C* programme without a load.
- Dispense the machine cleaner or multi-purpose detergent directly into the drum.
- Do **not** load any laundry. The drum must be empty for the maintenance wash programme.
- At the end of the programme, check the inner drum and remove any coarse residues.

Cleaning the sealing ring



- Check the fold in the sealing ring for foreign objects.
- Clean the sealing ring and the inner fold of the sealing ring with a damp cloth.

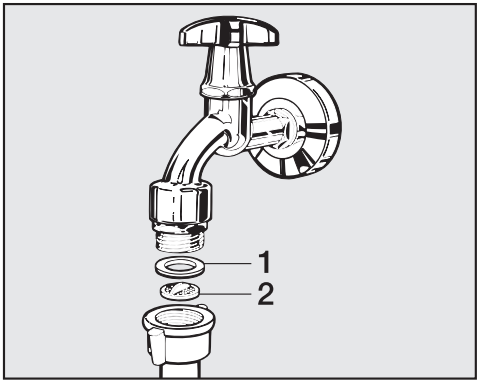
Tip: Leave the door slightly open to allow the drum to dry.

Cleaning the water inlet filters

The washing machine has filters to protect the water inlet valves. You should inspect the filters approximately every 6 months. Perform this check more often if there are frequent interruptions to the external water supply.

Cleaning the filter in the inlet hose

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

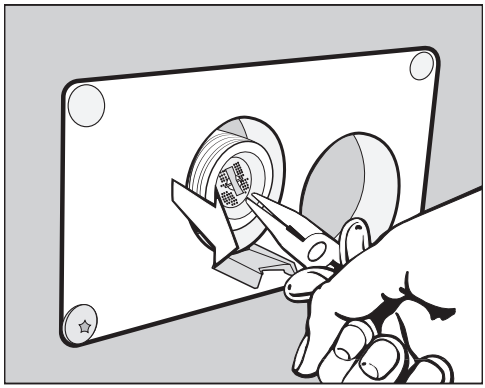


- Remove the rubber seal **1** from the recess.
- Using pointed pliers, take hold of the plastic filter bar **2** and remove it.
- Clean the plastic filter.
- Reassemble in reverse order.

Make sure there is no water leaking from the screw thread.
Tighten the screw thread.

Cleaning the filter in the inlet valve

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



- Use pointed pliers to withdraw the plastic filter by the bar.
- Clean the filter.
- Reassemble in reverse order.

The filters are used to protect the water inlet valve.
The filters must be put back in place after cleaning.

Problem solving guide

You are able to correct the majority of faults and problems that arise during day-to-day use without external assistance. You can save time and money in many cases, as you do not need to call Miele Service.

The following tables are designed to help you to find the cause of a malfunction or a fault and to resolve it.

The wash programme does not start

Problem	Cause and remedy
The control field remains dark.	There is no power to the machine. ■ Check whether the plug is plugged in. ■ Check whether the fuse 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* **appear alternately on 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 Miele Customer Service Department.

Programme cancellation and error message

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

Problem solving guide

Symbols on the time display

Message	Cause and remedy
-0- is lit up on the time display.	The programme selector was moved to a different position after the programme had started. ■ Turn the programme selector back to the original position.
UP lights up when the washing machine is switched on.	An update is available for the washing machine. See "Programmable functions – P99 RemoteUpdate" for more information.
Ctrlights up briefly when a programme is selected.	Ctr indicates that the washing machine is networked.
OFF lights up when the *MobileStart* programme is selected.	The remote control function is switched off. ■ Activate the remote control programmable function P97 to operate the washing machine via the app.
Con lights up when the *MobileStart* programme is selected.	The washing machine is networked and can be operated via the app.
noC lights up when the *MobileStart* programme is selected.	Miele@home is not set up. ■ Network the washing machine; see "Before using for the first time – Setting up Miele@home".
Cno lights up when the washing machine is switched on.	Miele@home is not available. ■ Switch off the washing machine. ■ Switch the washing machine on again. ■ If Cno appears again, contact the Miele Customer Service Department. The washing machine can continue to be used. ■ Touch the lit ◇ sensor control.

Fault indicator light at the end of a programme

Problem	Cause and remedy
The ✣ indicator light lights up.	When washing, 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 machine, run the *Cottons 90 °C* programme using a universal powder detergent.
The ⌓ indicator light lights up.	Excessive foam has built up during washing. ■ Use less detergent next time and follow the manufacturer's instructions on dosage given on the packaging.

Problem solving guide

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. ■ Pour stain removers into the II drawer in the dispenser compartment and liquid detergent into a dispenser ball. ■ Never put stain removers and liquid detergent together in the dispenser drawer.
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 to brush off the residues with a soft brush once the laundry is dry. ■ In future, wash dark textiles using a detergent which contains no zeolites. Liquid detergents usually contain no zeolites.
Textiles with particularly greasy soiling are not properly clean.	■ Select a programme with pre-wash. Use liquid detergent for the pre-wash. ■ Continue to use universal powder detergent for the main wash.
	The use of heavy-duty detergent is recommended in the main wash for very heavily soiled work clothing. Please seek advice from the detergent manufacturer.
Grey, greasy particles cling to washed laundry.	Insufficient amounts of detergent were used. The laundry was heavily soiled with grease (oils, ointments). ■ Use more detergent or use liquid detergent with this type of soiled laundry. ■ Before washing the next load, run a 60 °C programme with liquid detergent but without a load.

General problems

Problem	Cause and remedy
The machine shakes during the spin cycle.	The machine feet are not level and not secured. ■ Level the machine and adjust the feet correctly.
Strange pump noises can be heard.	This is not a fault. These slurping noises occur at the start and end of a pump sequence as a normal part of the operation.
Large amounts of detergent residue remain in the detergent dispenser drawer.	The water pressure is too low. ■ Clean the filters in the water inlet.
	Powder detergent used in conjunction with water softeners tends to become sticky. ■ Clean the detergent dispenser drawer and, in future, add detergent into the drawer first, and then add the water softener.
Fabric softener 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 compartment”.
The laundry has not been spun properly. The laundry is still wet.	The machine detected a high level of imbalance during the final spin and reduced the spin speed automatically. ■ Include both large and small items in the load as this will achieve better distribution.

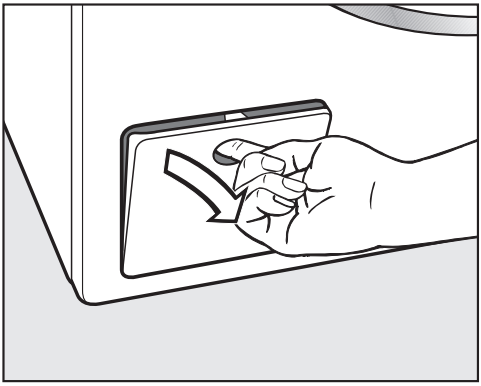
Problem solving guide

The door will not open

Problem	Cause and remedy
The door cannot be pulled open during a wash cycle.	The door is locked during the wash cycle. ■ Touch the *Start/Add laundry* sensor control 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 washing machine is unable to drain. ■ Clean the drain filter and drain pump as described in "Problem solving guide – 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 cut

⚠ Risk of electric shock.
Only ever perform cleaning and maintenance work when the appliance is disconnected from the power.
Disconnect the washing machine from the mains electricity supply.



- Open the access panel to the drain system.

Blocked drain outlet

If the drain outlet is blocked, there may be a large quantity of water (max. 30 l) left behind in the washing machine.

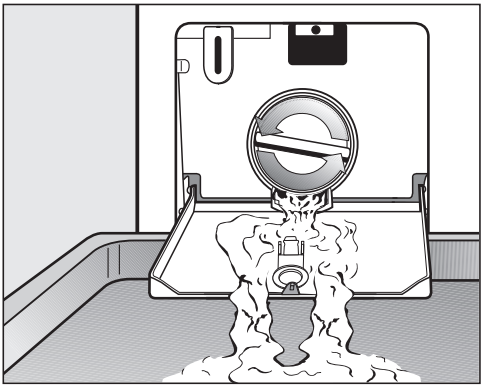
⚠ Risk of scalding due to hot suds.
Escaping suds will be hot if laundry has been washed at high temperatures.
Carefully allow all suds to drain off.

Emptying the drum

....For machines with a drain pump

- Place a suitable container under the access flap.

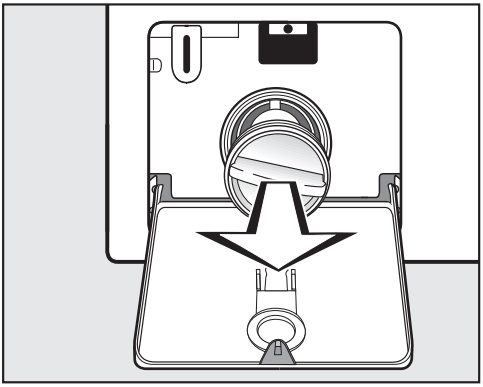
Remove the drain filter, though not completely.



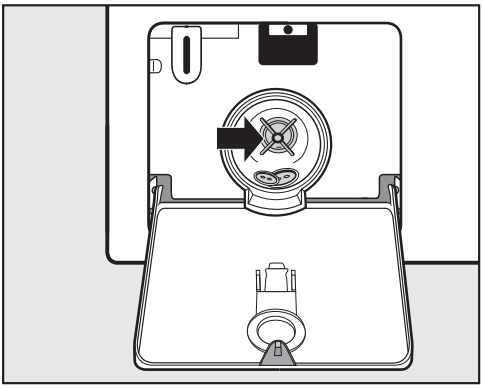
- Slowly unscrew the drain filter to let the water out.
- Tighten the drain filter back up again if you need to interrupt the flow of water.

Cleaning the drain filter

Once the flow of water ceases:



- Remove the drain filter completely.
- Clean the drain filter thoroughly.

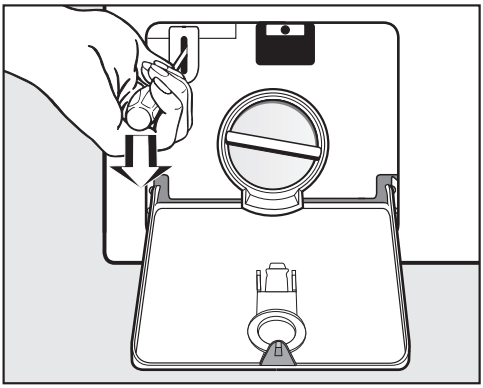


- Check the drain pump impellers to make sure they can rotate freely.
- Remove any foreign objects (e.g. buttons, coins, etc.) and clean the interior.
- Put the drain filter back in place and secure it.

⚠ Water damage.
Water will escape from the machine if you forget to replace the drain filter.
Replace the drain filter correctly and tighten it securely.

Opening the door

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



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

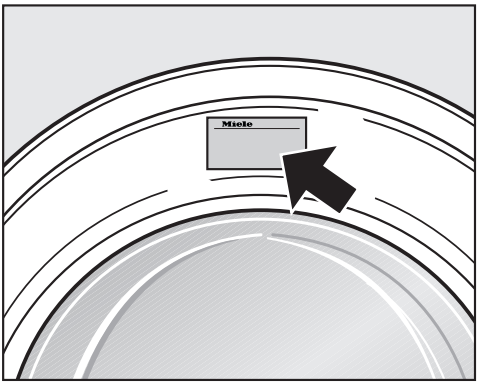
Contact in case of malfunction

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

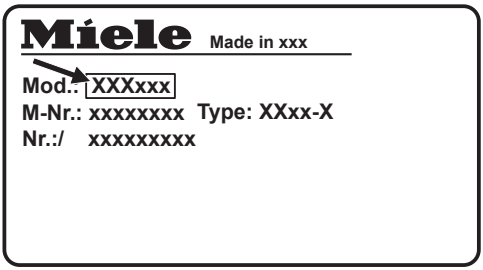
The data plate is found above the porthole glass when the washing machine door is opened:



EPREL database

From 1 March 2021, information on energy labelling and ecodesign requirements will be available in the European Product Database (EPREL). You can find the product database at the following link https://eprel.ec.europa.eu/. You will be asked to enter the model identifier.

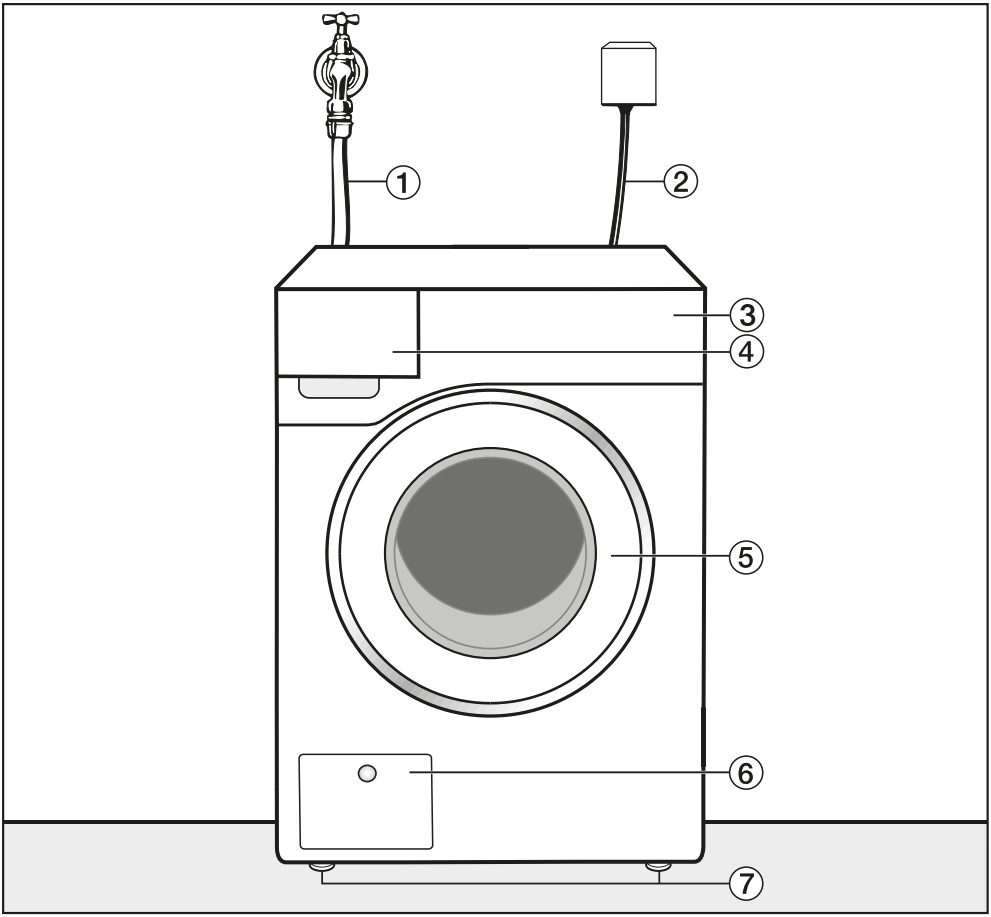
The model identifier can be found on the data plate.



Optional accessories

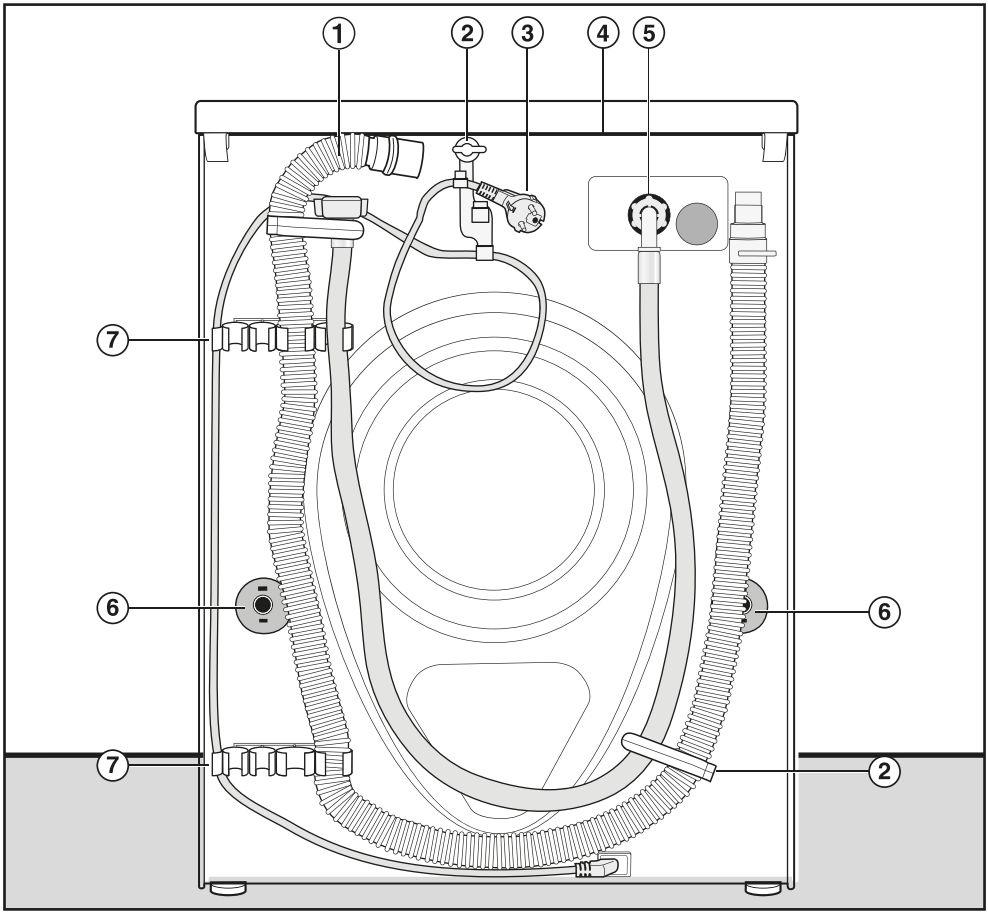
Optional spare parts and accessories for this washing machine are available from Miele.

Front view



① Inlet hose (cold water)
② Electrical connection
③ Control panel
④ Detergent drawer
⑤ Door
⑥ Access flap to drain filter and drain pump
⑦ Height-adjustable feet

Rear view



① Drain hose

② Transport clips for inlet and drain hoses

③ Electrical connection

④ Protruding lid for holding when moving the appliance

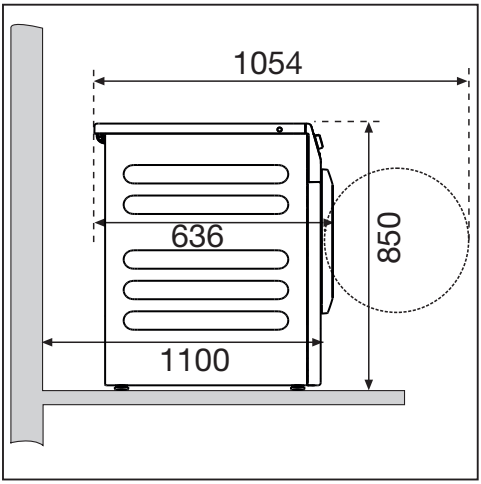
⑤ Inlet hose

⑥ Safety caps for transit bars

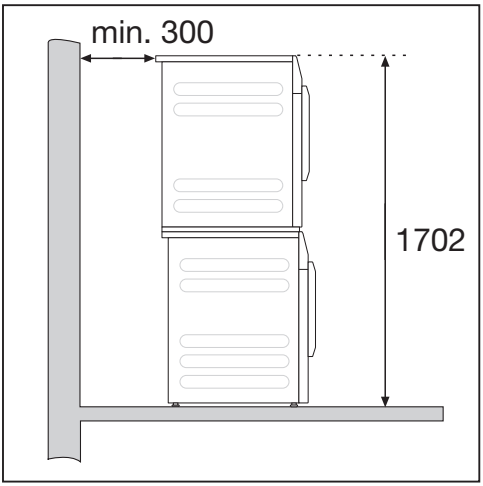
⑦ Transport clips for inlet and drain hoses and for storing transit bars when not in use

Installation locations

Side view



Washer-dryer stack



The washing machine can be installed as a washer-dryer stack together with a Miele tumble dryer. This requires a Miele washer-dryer stacking kit which can be purchased separately.

Installation on a plinth

The washing machine can be installed on a steel plinth (open or closed, available as an optional Miele accessory) or on a concrete plinth.

⚠ Injury can occur if the washing machine has not been adequately secured.
When installing the machine on a plinth, there is the danger of the washing machine falling off the plinth during spinning.
Secure the washing machine using the clamps supplied.

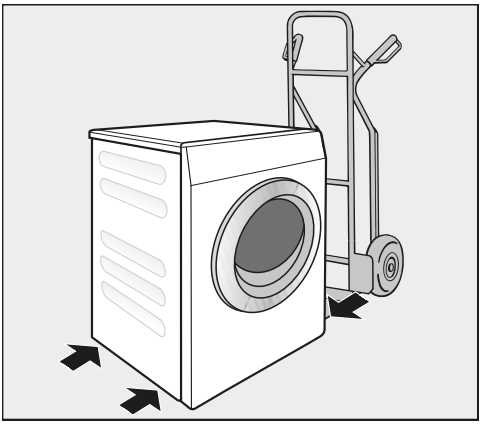
Installation notes

⚠ Risk of damage due to moisture ingress.
Moisture can damage electrical components.
Do not install the machine near or directly above an open gully or floor drain.

Transporting the washing machine to its installation site

⚠ Danger of injury from incorrect transport.
If the washing machine tips up there is a danger of injury to people and damage to property.
Make sure the washing machine is stable during transportation.

Transporting the washing machine with a sack truck



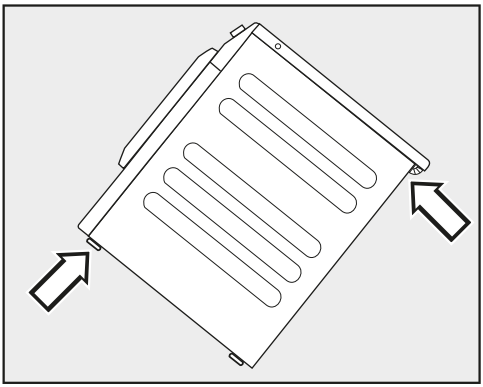
- If transporting the washing machine with a sack truck, make sure its left or right side is resting on the truck.

⚠ Risk of damage from incorrect transport.
The front or back of the washing machine may be damaged if the machine is transported with a sack truck.
Always insert the sack truck under one of the sides of the washing machine.

Transporting the washing machine to its installation site

The protruding lid at the back can be used to hold the machine when transporting.

⚠ Danger of injury due to unsecure lid.
The fixings at the back of the lid could break as a result of external forces. 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 by the lid where it protrudes at the back of the appliance.

Installation surface

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

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

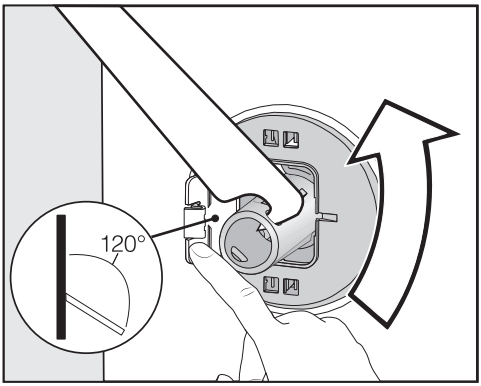
If installing on a wooden joist floor:

- Install the machine on a plywood base (at least 70 x 60 x 3 cm). The base should span several joists and be bolted to the joists and not only to the floorboards.

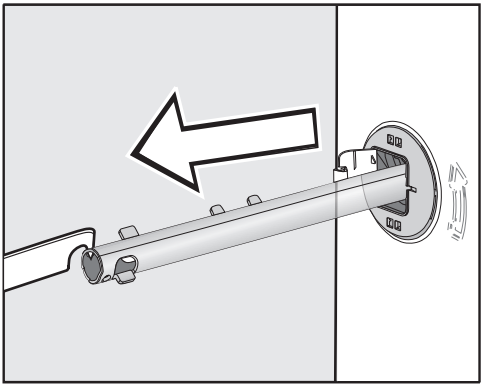
Tip: If possible, install the machine in a corner of the room. This is usually the most stable part of the floor.

Removing the transit bars

Removing the left-hand transit bar

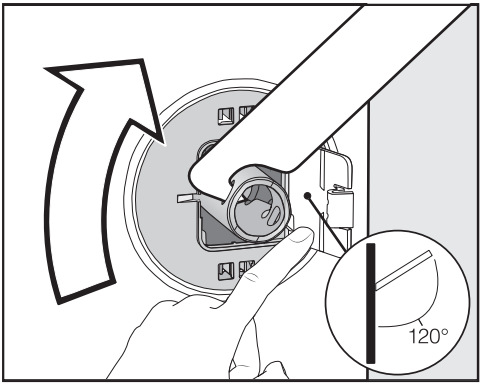


- Push the cover out and turn the left-hand transit bar 90° using the spanner supplied.

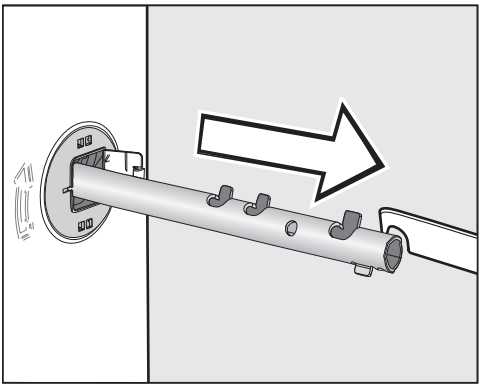


- Withdraw the transit bar.

Removing the right-hand transit bar



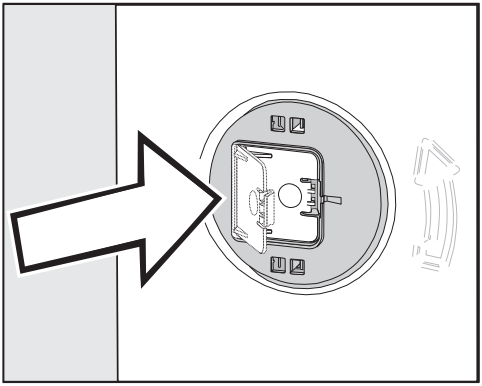
- Push the cover out and turn the left-hand transit bar 90° using the spanner supplied.



- Withdraw the transit bar.

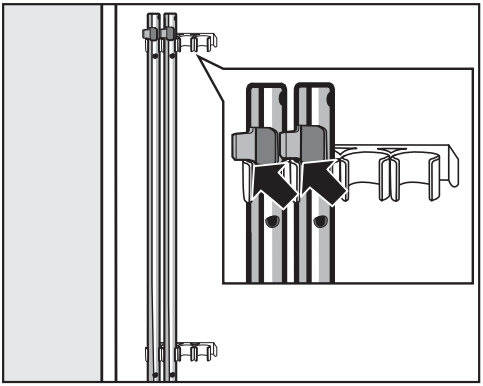
Covering holes

⚠ Risk of injury from sharp edges.
There is a risk of injury from reaching into holes that are not covered.
Cover the holes for the transit bars after they have been removed.



- Push the covers in firmly until they engage in position.

Securing the transit bars

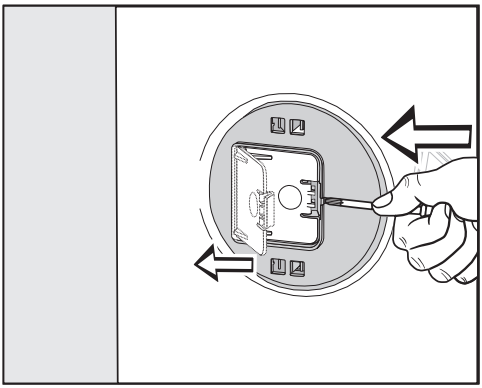


- Secure the transit bars to the back of the washing machine. Make sure that the top catch is located above the holder.

⚠ Risk of damage from incorrect transport.
The washing machine may become damaged if moved without the transit bars in place.
Keep the transit bars in a safe place. Fit them again if the machine is to be moved (e.g. when moving house).

Fitting the transit bars

Opening the covers



- Press against the retainer with a sharp object (a narrow screwdriver, for example).

The cover opens.

Fitting the transit bars

- To fit the bars, follow the instructions for removing them in reverse order.

Tip: The bars will slide in more easily if you lift the drum slightly.

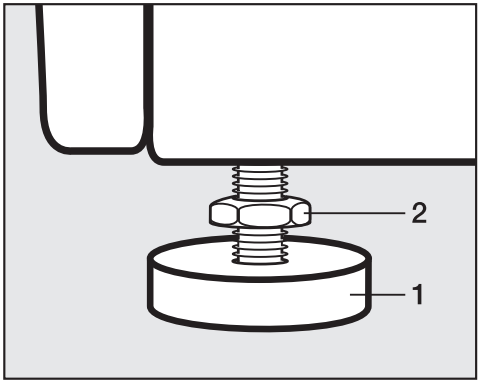
Levelling the washing machine

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

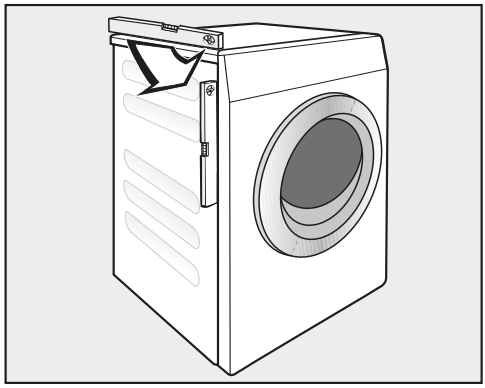
Incorrect installation may increase electric and water consumption and may cause the machine to move about.

Screwing out and adjusting the feet

The 4 adjustable screw feet are used for levelling the washing machine. The machine is supplied with all four feet screwed in.



- 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 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.

⚠ Risk of damage due to incorrectly aligned washing machine.

There is a danger of the washing machine moving about if the feet are not secured.

Turn all 4 counter nuts for the feet until they sit firmly up against the housing. Please also check this for the feet which did not need adjustment.

Installing under a continuous worktop

⚠ Risk of electric shock due to exposed cables

There is a risk of coming into contact with live parts while the lid is removed.

Do not remove the washing machine lid.

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

Holding bracket for plinth

The holding bracket prevents the washing machine from falling off the plinth during operation.

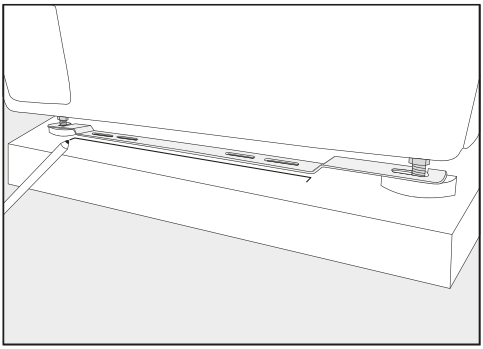
Fastening with the holding bracket is only intended for plinths made from concrete. The plinth must be flat and level. The surface below the plinth must be able to withstand the physical loads. Prior to installation, check whether the plinth complies with the minimum dimensions.

Height : 6 cm
Width: 60 cm
Depth: 65 cm

Positioning the holding bracket

⚠ Risk of injury from sharp edges.
The holding bracket has sharp edges. You could cut yourself on the edges.
Take care when handling the holding bracket.
Wear gloves while installing the holding bracket.

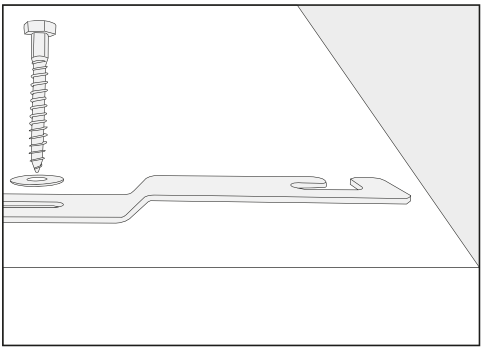
The front appliance feet must protrude by at least 3 mm. The washing machine must already be aligned (see “Installation – Aligning the washing machine”)



- Place the holding bracket on the front appliance feet.
- Mark the position of the front edge of the holding bracket with a pencil.
- Remove the holding bracket from the feet.
- Carefully move the washing machine until you have enough space to install the holding bracket.

Installing the holding bracket

- Place the holding bracket on the marking on the plinth.
- In the middle of the two outer slotted holes, mark a point for each drill hole.
- Drill 2 holes (8 mm) with a depth of approx. 55 mm.
- Insert the plugs in the holes.

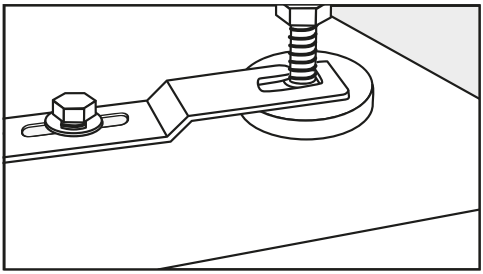


- Install the holding bracket with the hexagon screws and the washers.

Do not tighten the screws yet – this will allow the holding bracket to be moved sideways.

Securing the washing machine with the holding bracket

- Push the washing machine back on to the installed holding bracket.



- Insert the appliance feet (the part between the foot and the locknut) into the openings in the holding bracket.
- Push the holding bracket to the right as far as it will go.
- Tighten the hexagon screws using a spanner.

The washing machine is secured in the holding bracket.

Water connection

Cold water connection

The washing machine must be installed in such a way to comply with local and national legislation.

The flow pressure must amount to a minimum of 100 kPa and must not exceed 1000 kPa. If the pressure exceeds 1000 kPa, a pressure reducing valve must be installed.

Connection to the mains water supply should incorporate a stopcock with a 3/4" screw thread. If this type of stopcock is not available, only a qualified installer may connect the washing machine to the mains water supply.

The screw thread is subject to water connection pressure.
Check the connection for leaks. Slowly open the stopcock. Correct the position of the seal and screw thread if appropriate.

The water inlet hose for cold water is not intended to be used with a hot water connection.

Maintenance

Only use genuine Miele hoses that have been tested to withstand pressure of at least 7000 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 water inlet valve.
Neither filter may be removed.

Hose extension

Longer hoses 2.5 or 4.0 m in length are available from Miele dealers or the Miele Customer Service Department as optional extras.

Drainage

Drain pump

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. The elbow piece (accessory) can be hooked onto the end of the hose.

Drainage options

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

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 drain height of more than 1 m (up to a max. of 1.6 m), a replacement drain pump is available from Miele or from your Miele dealer.

Electrical connection

This description applies to washing machines both with and without a mains plug.

The following applies to washing machines with a mains plug:

- The washing machine is ready to be connected.
- The electrical socket must be easily accessible after installation so that the machine can be disconnected from the electricity supply if necessary.

⚠ Damage caused by incorrect supply voltage.
The data plate indicates the nominal power consumption and the appropriate fuse rating.
Compare the specifications on the data plate with those of the mains electricity supply and make sure that they match.

The washing machine may only be connected to a permanent electrical system that conforms to the national and local codes and regulations.

Do not connect the machine to an extension lead or multi-socket adapter as they do not guarantee the required safety of the appliance (e.g. danger of overheating).

If the machine is hard wired, an all pole circuit breaker must be provided on-site. When switched off there must be an all-pole contact gap of at least 3 mm in the isolator switch (including miniature circuit breaker, switch, fuses and relays according to IEC/EN 60947). This connection process must be performed by a qualified electrician.

The plug connector or isolator switch should be easily accessible at all times.

⚠ Risk of electric shock.
If the washing machine is disconnected from the mains, protective measures must be taken to ensure that the point of disconnection cannot accidentally be switched on again.
Make sure the isolator is lockable or the point of disconnection is monitored at all times.

New connections, modifications to the system, or servicing of the earthing conductor, including determining the correct fuse amperage, must be carried out by a qualified electrician, as they are familiar with the pertinent regulations and the specific requirements of the electric utility company.

Single phase AC 230 V – country variant 230V 25A

This device is intended for connection to a power supply system where the maximum value of external phase neutral loop impedance Zmax of 0.38 Ohms at the point of distributor supply connection is not exceeded.

The user has to ensure that this device is connected only to a power supply system which fulfils the requirement above. If in doubt, please ask your electrical distributor for actual impedance value.

Height	850 mm
Width	596 mm
Width (machines with a stainless steel lid)	605 mm
Depth	636 mm
Depth with door open	1054 mm
Weight	Approx. 100 kg
Maximum floor load in operation	3000 newtons
Capacity	8,0 kg dry laundry
Supply voltage	See data plate on back of appliance
Rated load	See data plate on back of appliance
Fuse rating	See data plate on back of appliance
A-rated emission sound pressure level L_{pA} in accordance with EN ISO 11204/11203	< 70 dB re 20 µPa
Minimum water flow pressure	100 kPa (1 bar)
Maximum water flow pressure	1000 kPa (10 bar)
Water inlet hose length	1.55 m
Drain hose length	1.50 m
Connection cable length	2.00 m
Product safety standard	EN 50571, EN 60335
Test certifications awarded	See data plate
Power rating in off mode	0,40 W

Technical data

EU Conformity declaration

Miele hereby declares that this washing machine complies with Directive 2014/53/EU.

The complete text of the EU declaration of conformity is available from one of the following internet addresses:

- Products, Download from www.miele.co.uk
- For service, information, operating instructions etc: go to www.miele.co.uk/domestic/customer-information-385.htm and enter the name of the product or the serial number

UK Conformity declaration

Miele hereby declares that this washing machine complies with UK Radio Equipment Regulations 2017, as amended.

The complete text of the UK declaration of conformity is available from one of the following internet addresses:

- Products, Download from www.miele.co.uk
- For service, information, operating instructions etc: go to https://miele.co.uk/manuals and enter the name of the product or the serial number

This **Statement of Compliance** confirms this Miele product fully complies with the **Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023.**

1) Household Appliance – *Professional Washing Machine GW06, GW08*
2) Manufactured by: Miele & Cie KG,
   Carl Miele Street 29, 33332 Gutersloh Germany
   Imported by and contact point: Miele Company Ltd, Fairacres, Marcham Road, Abingdon, Oxon, OX14 ITW Great Britain
3) The defined support period at the time of first supply is 10 years
4) To report vulnerabilities and cybersecurity issues please contact: psirt@miele.com
5) Signature
   Name: **Paul Wright**
   Company Position: **Head of Technical Management**
   Date of signature: **19th March 2024**
   Place of signature: **Abingdon, Oxfordshire**

Programme		Load kg	Energy kWh	Water Litres	Programme running time h:min	Temperature[1] °C	Residual moisture %	Speed rpm
ECO 40-60*		8,0	0,670	62,5	3:39	37	52,90	1400
		4,0	0,380	53,0	2:48	29	50,90	1400
		2,0	0,195	28,3	2:29	25	57,40	1400
Cottons	60	8,0	1,300	52,0	1:19	57	49,00	1400
	20[2]	8,0	0,200	52,0	1:19	20	49,00	1400
Minimum iron	30	4,0	0,260	42,0	0:54	30	30,00	1200
Express	30	3,5	0,300	30,0	0:20	26	60,00	1400

* Test programme for compliance with EU legislation regarding ecodesign 2019/2023 and energy labelling in accordance with Regulation No. 2019/2014

[1] Maximum laundry temperature reached in main wash.

[2] 20 °C programme for lightly soiled cotton garments.

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 mains voltage and any extra options selected.

Programmable functions

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

Programming is carried out in 9 steps (❶, ❷, ❸ ... ❾) using the sensor controls.

Opening the programming level

Requirements:

- The washing machine is switched on and the programme selector is pointing to a wash programme.
- The washing machine door is open.

❶Touch the *Start/Add laundry* sensor control and hold it down whilst carrying out steps ❷–❸.

❷Close the washing machine door.

❸Wait until the *Start/Add laundry* sensor control lights up constantly ...

❹... and then release the *Start/Add laundry* sensor control.

After a few seconds, *P 1 1* will light up on the time display.

Choosing and selecting a programmable function

The number of the programmable function will appear on the time display as *P* and a number: e.g. *P 1 1*.

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

Programmable functions	
P1 1	Buzzer duration
P12	Buzzer
P13	Keypad tone
P14	PIN code
P22	Control field switch-off behaviour
P24	Memory
P26	Additional pre-wash time
P28	Gentle action
P29	Temperature reduction
P30	Water plus
P32	Maximum rinse level
P33	Suds cooling
P34	Anti-crease
P49	Low water connection pressure
P62	Backlight brightness dimmed
P63	Welcome tone
P90	Operating hours
*P97**	Remote control
*P98**	SmartGrid
*P99**	RemoteUpdate
P00	Factory default

* only visible after networking

❻Confirm the selected programmable function by touching the *Start/Add laundry* sensor control.

Editing and saving a programmable function

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

❼ Touch the > or < sensor control to switch a programmable function on/off or to select an option.

Programmable function	Available options				
	-00	-01	-02	-03	-04 to -07
P11		●	●		
P12	●	●	●		
P13	●	●	●		
P14	●	●			
P22	●	●			
P24	●	●			
P26	●	●	●	●	
P28	●	●			
P29	●	●			
P30	●	●	●		
P32	●	●			
P33	●	●			
P34	●	●			
P49	●	●			
P62		●	●	●	●
P63	●	●			
P97	●	●			
P98	●	●			
P99	●	●			
P00	●	●			

❽ Confirm the chosen selection with the *Start/Stop* sensor control.

The number of the programmable function, e.g. *P11*, will then light up again.

Exiting the programming level

❾ Turn the programme selector to the ⏻ position.

The settings you have selected are now stored in the memory. You can alter the settings again at any time.

P11 Buzzer duration

The buzzer sounds to let you that it is the end of the programme. You can decide how long the buzzer should sound for.

Options

-01 = The buzzer sounds 3 times at the end of the programme.

-02 = The buzzer sounds until the washing machine switches off automatically (max. 1 hour).

P12 buzzer

The buzzer sounds to let you that it is the end of the programme.

Options

-00 = Buzzer is deactivated.

-01 = Buzzer is set to normal.

-02 = Buzzer is set to loud.

P13 Keypad tone

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

Options

-00 = Keypad tone is switched off

-01 = Keypad tone is set to normal volume

-02 = Keypad tone is set to loud volume

P14 PIN code

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

If you activate the PIN code, you have to enter a PIN code after switching the washing machine on. Otherwise it cannot be operated.

Options

-00 = PIN code is switched off

-01 = PIN code is switched on

Using the washing machine with a PIN code

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

- Switch on the washing machine.

0 _ _ appears on the time display and the > and < sensor controls light up.

- Touch the > sensor control once.

1 _ _ appears on the time display.

- Confirm the number with the *Start/Add laundry* sensor control.

The first number has been saved and you can now enter the second number using the > and < sensor controls.

- Enter the second and third numbers and confirm the numbers with the *Start/Add laundry* sensor control.

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

P22 Control field switch-off behaviour

To save energy, the time display and sensor controls will go out after 10 minutes, and only the *Start/Add laundry* sensor control will flash slowly.

Options

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

-01 = On
The time display and sensor controls will switch off after 10 minutes if the programme is started.

However, the time display and sensor controls will remain lit up for 10 minutes after a delay start period has elapsed, after the end of a 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 wash programme after the programme has started.

When the wash programme is chosen again, the saved settings will appear on the washing machine's display.

Options

-00 = Memory is switched off

-01 = Memory is switched on

P26 Additional long pre-wash time – Cottons

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

Options

-00 = No increase in the pre-wash time

-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

P28 Gentle action

With gentle action activated, drum agitation is reduced. In this way, lightly soiled items can be washed more gently.

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

Options

-00 = Gentle action is switched off

-01 = Gentle action is switched on

P29 Temperature reduction

At high altitudes, water has a lower boiling point. Miele recommends activating the Temperature reduction setting at altitudes of 2000 m or above to prevent water from boiling.

Options

-00 = The Temperature reduction setting is switched off

-01 = The Temperature reduction setting is switched on

P30 Water plus

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

Options

-01 = The water level is increased in the wash and rinse stages.

-02 = An extra rinse is carried out

-03 = The water level in the wash and rinse stages is increased and an extra rinse is carried out.

P32 Maximum rinse level

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

This function is important for allergy sufferers as it achieves excellent rinse results. The water consumption will be increased.

Options

-00 = Maximum rinse level is switched off

-01 = Maximum rinse level is switched on

P33 Suds cooling

Additional water flows into the drum at the end of the main wash to cool the suds down.

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

Suds cooling should be activated under the following circumstances:

- To prevent the danger of scalding if the drain hose is hooked over the edge of a sink or basin
- Where the drainage pipes do not comply with DIN 1986

Options

-00 = Suds cooling is switched off

-01 = Suds cooling is switched on

P34 Anti-crease

The Anti-crease function reduces creasing after the end of the programme.

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

Options

-00 = The Anti-crease function is switched off.

-01 = The Anti-crease function is switched on.

P49 Low water connection pressure

If the water connection pressure is below 100 kPa (1 bar), the washing machine cancels the programme and the fault message appears.

If the water connection pressure cannot be increased, activating this function will prevent the programme from being cancelled.

Options

- -00 = Low water connection pressure is switched off.
- -01 = Low water connection pressure is switched on.

P62 Backlight brightness dimmed

The brightness of the dimmed sensor controls in the control field can be set to one of 7 different levels.

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

Options

- -01 = Darkest level
- ↓
- -07 = Brightest level

P63 Welcome tone

The welcome tone sounds whenever the washing machine is switched on.

You can activate or deactivate the welcome tone.

Options

- -00 = Welcome tone is deactivated
- -01 = Welcome tone is switched on at **normal** volume
- -02 = Welcome tone is switched on at **loud** volume

P90 Operating hours

You can read off how many hours the washing machine has been in operation for.

The total washing time is shown on the time display in single digits. The washing machine has been in operation for 1234 hours, for example. The figure shown on the time display will start with an H followed by a 1, then a 2 and after this a 3 and a 4. The letter H is displayed again after this.

P00 Factory default

All programmable functions except P90 Operating hours are reset to the factory default settings.

Options

- -00 = Go back (without reset to factory default settings)
- -01 = Reset programmable functions to the factory default settings.

Networking

The *P97*, *P98* and *P99* programmable functions are only displayed if the requirements for using Miele@home have been met (see “Before using for the first time – Miele@home”).

Resetting the network configuration

The network configuration should be reset whenever a washing machine is being disposed of or sold, or if a used washing machine is being put into operation. This is the only way to ensure that all personal data has been removed and the previous owner will no longer be able to access the washing machine.

- Turn the programme selector to the *MobileStart* programme.

Con appears on the time display.

- Press the ◇ sensor control and hold the ◇ sensor control until the countdown on the time display has finished.

--- appears on the time display.

The network configuration has been deleted.

A new connection setup has to be carried out in order to use Miele@home again.

P97 Remote control

You can use the Miele app to check the status of your washing machine from anywhere and start it remotely. You can also control it remotely via the *MobileStart* programme.

You can switch off the *P97* programmable function if you do not want to operate the washing machine with your mobile device.

If the *P97* programmable function is not switched on, the app can still be used to cancel a programme.

Use the ◇ sensor control to set a time period within which you want to start the washing machine and start the delay start function (see “Delay start/SmartStart”). The washing machine will then start within the time period specified when it receives your signal. If it has not received a start signal by the latest start time set, the washing machine will start automatically.

Options

-00 = Remote control function is switched off

-01 = Remote control function is switched on

P98 SmartGrid

You can set your washing machine to start automatically based on an external signal within a certain time period.

If you have activated SmartGrid, the ◈ sensor control will have the new "SmartStart" function rather than the "delay start" function.

Use the ◈ sensor control to set a SmartStart time period. The washing machine will then start within the time period specified by you when it receives an external signal. If an external signal has not been received by the latest start time set, the washing machine will start automatically (see "Delay start").

Options

-00 = SmartGrid is switched off

-01 = SmartGrid is switched on

P99 RemoteUpdate

The RemoteUpdate function is used to update the software in your washing machine. If an update is available for your washing machine, it will automatically download it. Updates will not be installed automatically. They must be initiated manually.

If you do not install an update, you can continue to use your washing machine in the usual way. However, Miele recommends installing updates.

Running a RemoteUpdate

Information about the content and scope of an update is provided in the Miele app.

A *UP* message will appear on the time display if an update is available.

You can install the update immediately or postpone this until later. When the washing machine is switched on again, you will be reminded about the update.

Deactivate RemoteUpdate if you do not want to install any updates.

The update may take several minutes.

Please note the following information about the RemoteUpdate function:

- You will only receive a message when an update is available.
- Once an update has been installed, it cannot be undone.
- Do not switch off the washing machine during an update. Otherwise, the update will be aborted and will not be installed.
- Some software updates can only be carried out by the Miele Customer Service Department.

Activating/deactivating

The RemoteUpdate function is activated as standard. Available updates will be downloaded automatically but will only be installed if you initiate installation manually. Deactivate RemoteUpdate if you do not want any updates to be downloaded automatically.

Options

-00 = RemoteUpdate is deactivated

-01 = RemoteUpdate is activated **(factory default)**

Starting the update

After the washing machine is switched on, *UP* appears on the time display.

■ Touch the *Start/Add laundry* sensor control.

UP starts to flash on the time display.
The update starts.

Bars on the time display show the progress of the update:
I = 0 %
IIIIII = 100 %

Postponing the update

After the washing machine is switched on, *UP* appears on the time display.

■ Touch the ◇ sensor control.

The running time of the selected programme appears on the time display.

The next time you switch on the washing machine, you will be prompted to start the update again.

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