Operating instructions
Washing machine

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

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Caring for the environment

Disposal of the packing material

The transport and protective packaging has been selected from materials which are environmentally friendly for disposal, and can normally be recycled.

Recycling the packaging reduces the use of raw materials in the manufacturing process and also reduces the amount of waste in landfill sites. Ensure that any plastic wrappings, bags etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation.

Disposing of your old appliance

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

Please dispose of it at your local community waste collection / recycling centre for electrical and electronic appliances. You are also responsible for deleting any personal data that may be stored on the appliance prior to disposal. Please ensure that your old appliance poses no risk to children while being stored prior to disposal.

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 of the appliance. 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 "Installation", as well as in the "Warning and Safety instructions".

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

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

Correct application

▶ This washing machine is designed for domestic use and for use in similar environments by guests in hotel or motel rooms, bed & breakfasts and other typical living quarters. This does not include common/shared facilities or commercial facilities within hotels, motels or bed & breakfasts.

▶ The washing machine is not suitable for outdoor use.

▶ It must only be used to wash garments which have been declared suitable for washing by the manufacturer indicated on the garment care label. Any other use is not permitted. Miele cannot be held liable for damage resulting from incorrect or improper use or operation.

▶ This washing machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning its use by a person responsible for their safety.

Warning and Safety instructions

Safety with children

▶ Young children must not be allowed to use this appliance.

▶ Older children may only use the appliance when its operation has been clearly explained to them and they are able to use it safely, recognising the dangers of misuse.

▶ Cleaning work may only be carried out by older children under the supervision of an adult.

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

Technical safety

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

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

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

▶ Temporary or permanent operation with a self-sufficient or non-mains synchronous energy supply system (e.g. isolated networks, back-up systems) is possible. A requirement for the operation is that the energy supply system complies with all current local and national requirements that apply to stand-alone, solar and/or battery systems.
The protective measures provided in the installation and in this Miele product must also be assured in their function and operation in isolated operation or in non-mains synchronous operation, or replaced with equivalent measures in the installation.

▶ The electrical safety of this washing machine can only be guaranteed when continuity is complete between it and an effective earthing system which complies with current local and national safety regulations. It is most important that this basic safety requirement is present and regularly tested and, where there is any doubt, the household wiring system should be inspected by a qualified electrician. Miele cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

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

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

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

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

▶ The manufacturer's warranty will be invalidated if the appliance is not repaired by a Miele approved service technician.

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

Warning and Safety instructions

▶ In the event of a fault or for cleaning purposes, the washing machine is only completely isolated from the electricity supply when:

- it is switched off at the wall socket and the plug is withdrawn, or
- it is switched off at the mains circuit breaker.

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

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

▶ This washing machine must not be installed and operated in mobile installations (e.g. on a ship).

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

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

Correct use

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

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

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

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

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

▶ Take care when opening the drum door after using the steam function. There is a danger of burning due to escaping steam and the high temperature of the surface of the drum as well as the porthole glass. Stand back away from the machine and wait until the steam has dissipated.

▶ The maximum load for this washing machine is 9.0 kg (dry weight). See the "Programme chart" for the maximum recommended loads for individual programmes.

Warning and Safety instructions

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

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

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

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

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

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

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

Accessories and spare parts

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

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

▶ 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
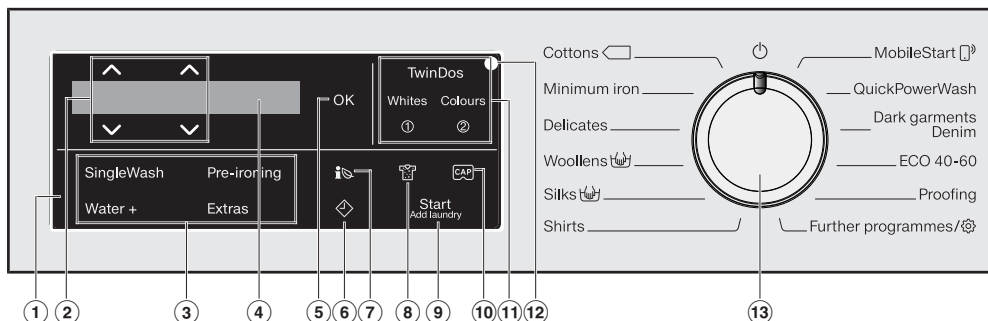
① **Control panel**
The control field consists of a display and various sensor controls. The individual sensors are explained in the following sections.

② ∧∨ **sensors**
Values shown in the display can be changed with the ∧∨ sensors. The ∧ sensor increases the value or moves the selection list up; the ∨ sensor decreases the value or moves the selection list down.

③ **Sensor controls for Extras**
You can supplement wash programmes with Extras.
If a wash programme has been selected, the sensor controls for the possible Extras light up dimly.

④ **Display**
The following values are shown in the display and/or selected from it:

1. The temperature, spin speed and time left for the selected wash programme.

2. The individual values of the selection lists for Extras and settings.

⑤ **OK sensor**
The *OK* sensor is used for confirming selected values.

⑥ ⬦ **sensor**
The ⬦ sensor starts the Delay start function. With Delay start you can delay the start of the programme. The start of the programme can be delayed from 15 minutes up to a maximum of 24 hours. This allows you to make use of night-time economy electricity rates, for example.
See "4. Selecting programme settings", section "Delay start" for more information.

⑦ **i⬠ sensor**

You can view information about the energy and water consumption of your washing machine with the i⬠ sensor.

See "Washing environmentally and economically - Feedback" for more information.

The following information will appear in the display:

– An estimate of the energy and water consumption before the programme begins.

– The actual energy and water consumption during the programme or at the end of the programme.

⑧ **sensor**

You can specify the level of soiling of the load in three settings. This sensor is only active with the TwinDos option activated.

⑨ **Start/Add laundry sensor**

Ⓐ The programme can be started as soon as the sensor is flashing on and off. Touching the *Start/Add laundry* sensor starts the selected programme. The sensor lights up constantly.

Ⓑ Once the programme has been started, the *Start/Add laundry* sensor allows you to add laundry.

⑩ **CAP sensor**

The sensor can be used to activate detergent dispensing with a capsule.

⑪ **TwinDos sensors with the additional White items and Coloured items sensors**

The *TwinDos* sensor is used for deactivating and activating automatic detergent dispensing. Depending on the colour mix of your load, you can control the detergent combination by selecting the *White items* or *Coloured items* sensor.

For further information, see "TwinDos".

⑫ **Optical interface**

For service technicians.

⑬ **Programme selector**

For selecting programmes and for switching off the appliance. The washing machine is switched on by selecting a programme, and switched off by turning the programme selector to the ⏻ position.

Operating the washing machine

Display

The standard display shows the following values from left to right:

- the selected wash temperature

- the selected spin speed

- the programme duration

Examples on how to operate the appliance

Scrolling through a list

The ┇ scroll bar in the display indicates that a list of options is available.

Scroll down the list with the ∨ sensor. Scroll up the list with the ∧ sensor. The *OK* sensor is used to activate the option shown in the display.

Identifying the selected option

An activated option in a list will have a tick ✓ next to it.

Setting numerical values

The numerical value is highlighted in white. Touching the ∨ sensor decreases the value. Touching the ∧ sensor increases the value. The *OK* sensor is used to activate the value shown in the display.

Exiting a submenu

Select Back ⮌ to exit the submenu.

⚠ Damage resulting from incorrect installation and connection.

Installing and connecting the washing machine incorrectly will cause serious damage to property. See "Installation".

Removing the protective foil and advertising stickers

■ Remove:

- the protective foil from the door (if present).

- any advertising 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.

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

Removing the detergent cartridges and the drain hose elbow from the drum

Two detergent cartridges for automatic detergent dispensing and an elbow piece for the drain hose are stored in the drum.
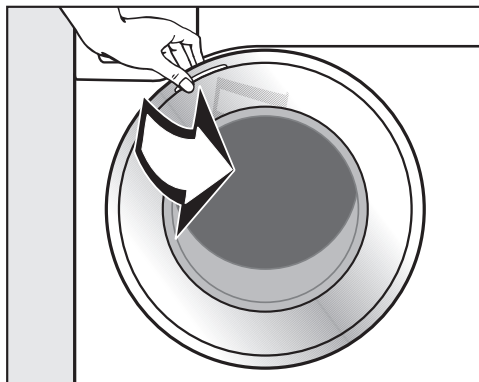
■ Pull open the door.

■ Take the two cartridges and the elbow piece out of the drum.
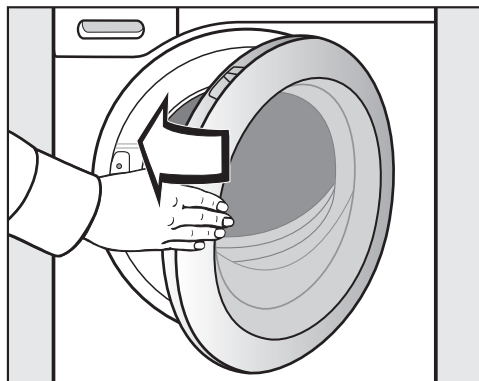
■ Shut the door with a gentle swing.

Before using for the first time

Miele@home

> Your washing machine is equipped with an integrated Wi-Fi module.

In order to use it you need:

- a Wi-Fi network
- the Miele@mobile App
- a Miele user account. The user account can be created via the Miele@mobile App.

The Miele@mobile App will guide you as you connect your washing machine to your home Wi-Fi network.

Once your washing machine is connected to your Wi-Fi network, you can use the App, for example, to carry out 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 Wi-Fi 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 Wi-Fi network.

Availability of the Wi-Fi connection

The Wi-Fi connection shares a frequency range with other appliances (including microwave ovens and remote control toys). This may result in sporadic or even complete connection failures. Therefore, a constant 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.
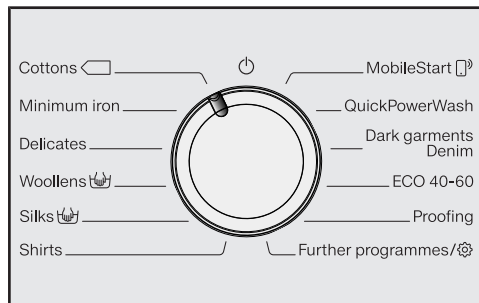
For information about availability, please visit www.miele.com.

Miele App

You can download the Miele App from the Apple App Store$^®$ or the Google Play Store™ free of charge (only functional in selected countries).

Switching on the washing machine

■ Turn the programme selector to the *Cottons* programme.

The welcome tone will sound and the welcome screen will light up.

The display will guide you through the **5 steps** of the initial commissioning process.

1. Setting the language

You will be asked to select the language you require for the display. It is possible to change the language at any time by turning the programme selector to the *Further programmes/*⚙ position and then selecting the Settings ⚙ sub-menu.

■ Touch the ∨∧ sensors until the language you require appears in the display.

■ Confirm your choice of language by touching the *OK* sensor.

2. Setting up Miele@home

The following message appears in the display:
i Miele@home

■ Confirm with *OK*.

The following message appears in the display:
Set up now

■ To set up Miele@home now: touch the *OK* sensor.

■ To postpone set-up until later: touch the ∨ sensor until the following appears in the display: Set up later and press *OK* to confirm.

The following selection options appear in the display:

1. Connect via WPS

2. Connect via App

■ Select the required connection type.

Carrying out connection via WPS

■ Follow the prompts in the display.

Carrying out connection via the Miele App

The following appears in the display:
Waiting for App

■ Switch to the Miele App.

■ Perform the further steps for signing on in the Miele App.

Before using for the first time

3. Removing the transit bars

> ⚠ Damage resulting from failure to remove the transit bars.
>
> Failure to remove the transit bars can result in damage to the washing machine and to adjacent cabinetry or appliances.
>
> Remove the transit bars as described in "Installation".

The following message appears in the display:

ⅈ Remove transit bars

■ Confirm with the *OK* sensor.

4. Commissioning TwinDos

The UltraPhase 1 and UltraPhase 2 values are preset in the standard settings and only need to be confirmed.

The following message appears in the display:
ⅈ TwinDos

■ Confirm with the *OK* sensor.

The following message appears in the display:
Set now

■ To set up TwinDos now, touch the *OK* sensor.

■ To postpone set-up until later, touch the ∨ sensor until the following appears in the display: Set later and press *OK* to confirm.

Settings for compartment ①

The UltraPhase 1 values are preset in the standard settings.

```
  ∧           ∧
ⅈ Agent for ①           OK
  ∨           ∨
```

■ Confirm with the *OK* sensor.

```
  ∧           ∧
Miele UltraPhase 1 ✓ ▮           OK
  ∨           ∨
```

■ Confirm with the *OK* sensor.

The following appears in the display:
ⅈ Set the dosage. Observe water hardness level

■ Confirm with the *OK* sensor.

The dispensing quantity for UltraPhase 1 for 🚰 **(hardness range I)** is preset.

```
  ∧           ∧
Per load        46  ml           OK
  ∨           ∨
```

■ Confirm the preset value with the OK sensor. If you want to change this value, use the ∨∧ sensors and confirm with the *OK* sensor.

UltraPhase 1	
🚰 Hardness level I	46 ml
🚰 Hardness level II	58 ml
🚰 Hardness level III	70 ml

The following appears in the display:
ℹ Insert ①

■ Remove the cover cap from the **UltraPhase 1** detergent cartridge included with the delivery.

■ Open the access panel for TwinDos.

■ Push the **UltraPhase 1** detergent cartridge into **compartment 1** until it locks into position.

Before using for the first time

Settings for compartment ②

The UltraPhase 2 values are preset in the standard settings.

After the UltraPhase 1 cartridge has been pushed in, the display message switches to:

```
∧          ∧
i Agent for ②          OK
∨          ∨
```

■ Confirm with the *OK* sensor.

```
∧          ∧
Miele UltraPhase 2          OK
∨          ∨
```

■ Confirm with the *OK* sensor.

The dispensing quantity for UltraPhase 2 for 🚰(**hardness range I)** is preset.

```
∧          ∧
Per load          36  ml          OK
∨          ∨
```

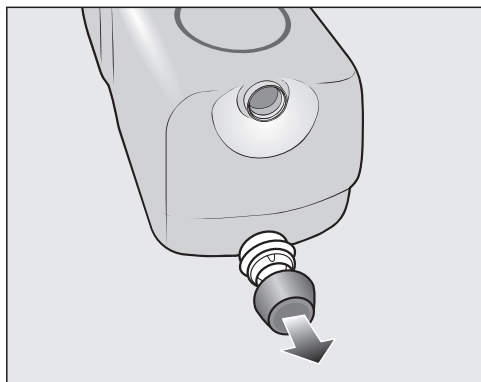■ Confirm the preset value with the OK sensor. If you want to change this value, use the ∨∧ sensors and confirm with the *OK* sensor.

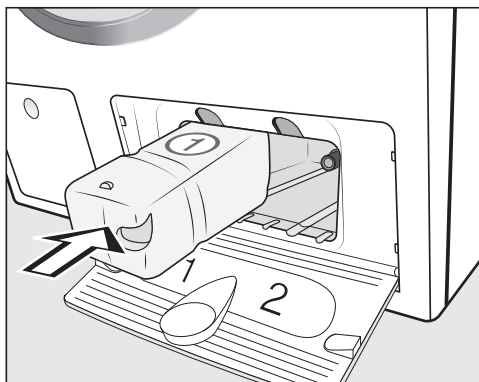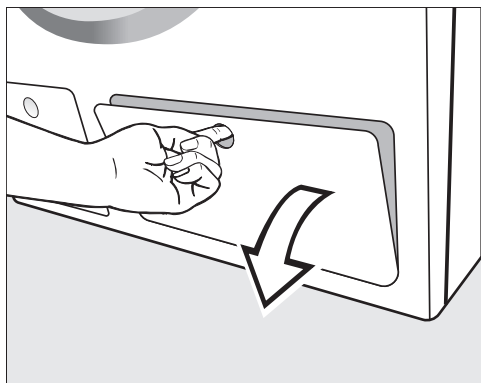| UltraPhase 2	
🚰 Hardness level I	36 ml
🚰 Hardness level II	45 ml
🚰 Hardness level III	54 ml

The following appears in the display:
i Insert ②
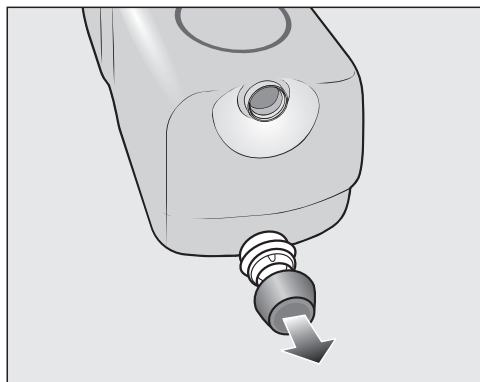
■ Remove the cover cap from the **UltraPhase 2** detergent cartridge included with the delivery.
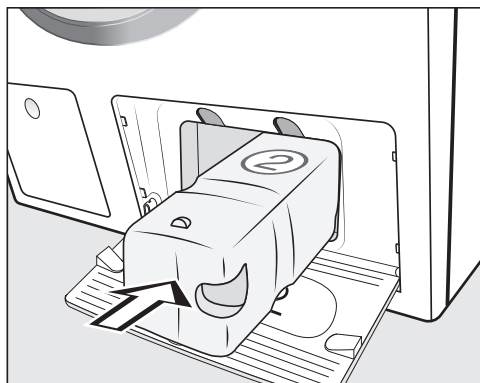
■ Push the **UltraPhase 2** detergent cartridge into **compartment 2** until it locks into position.

When the cartridge is pushed in, the display message switches to:
i "TwinDos" is set. Can be changed in 'Settings'

■ Confirm with the *OK* sensor.

■ Close the TwinDos access panel.

5. Starting the calibration programme

> For optimum water and energy consumption and excellent wash results, the washing machine must be calibrated.

To do this, the *Cottons* programme **must** be run without laundry and without detergent.

No other programmes can be started until calibration has been carried out.

The following message appears in the display:

Turn on ⬐ and run "Cottons 90°C" without laundry.

■ Touch the ∨ sensor until the *OK* sensor lights up and confirm with *OK*.

∧	∧		
90°	1600	1:55	OK
∨	∨		

■ Turn on the tap.

■ Touch the *Start/Add laundry* sensor.

The calibration programme will start. It will take approximately 2 hours.

At the end of the programme the following message will appear in the display:

i Set up completed
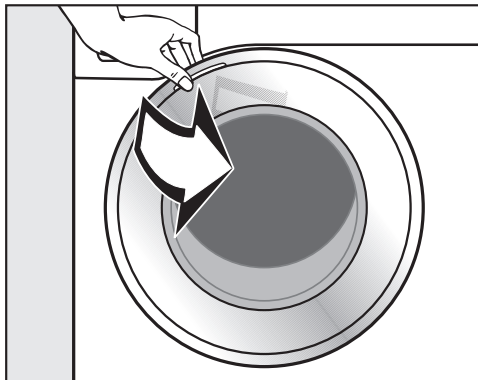
■ Take hold of the door and pull it open.

Useful tip: For safety reasons, close the door when the machine is not in use. Otherwise there is a danger of objects being placed inadvertently in the drum. If these remain unnoticed and were washed in the next load, they could damage the laundry. An open door is also a danger to pets and children.

■ Turn the programme selector to the ⏻ position.

Washing environmentally and economically

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 Cottons ⟨40°C programme has a longer running time than the Cottons 40°C or 60°C programme, but the Cottons ⟨40°C programme is more efficient in terms of energy and water consumption.

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

- Modern detergents make it possible to wash at lower temperatures (e.g. 20°C). Using lower temperature settings will save energy.

Hygiene in the washing machine

Washing at low temperatures and/or using liquid detergents can cause bacteria and odours to build up in the washing machine. Miele therefore recommends cleaning the washing machine once every month.

When the message Hygiene info: Run a programme at min. 75°C or "Clean machine'" programme appears in the display, the washing machine must be cleaned.

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.

↻ Feedback

You can view information about the energy and water consumption of your washing machine with the ↻ sensor.

The following information will appear in the display:

- An estimate of the energy and water consumption before the programme begins.

- The actual energy and water consumption during the programme or at the end of the programme.

1. Estimate

■ After selecting a programme, touch the ↻ sensor.

The estimated energy and water consumption levels will be displayed as a bar chart.

The more bars visible (❘), the higher the energy or water consumption.

The estimate will vary depending on the wash programme, temperature and any options selected.

■ Touch the *OK* sensor or wait until the display automatically returns to the standard display.

2. Actual consumption

You can view the actual amount of energy and water used by a programme both during and at the end of the programme.

■ Touch the ↻ sensor.

■ Use the ∨∧ sensors to change to the estimated water consumption levels.

The consumption will alter as the programme progresses.

If the door is opened or the machine has switched off automatically at the end of the programme, the data will revert to the estimated consumption.

Useful tip: You can view the consumption data for the last wash programme in Settings ⚙ under Consumption.

1. Preparing the laundry

■ 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 by colour and by
care label. Most garments have a
textile care label in the collar or side
seam.
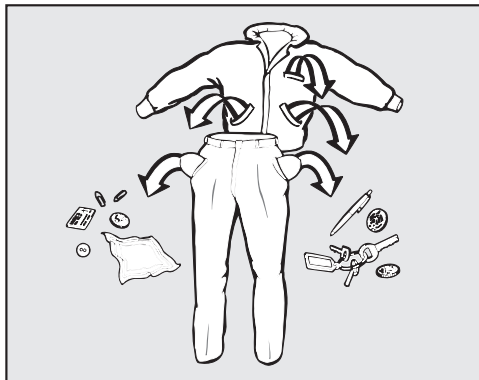
Useful tip: Dark textiles often contain
excess dye and should be washed
separately several times before being
included in a mixed load. Always wash
white and coloured items separately.

Pre-treating stains

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

Useful tip: Please refer to the Miele
website or Miele@mobile App for more
information on stain removal.

⚠ Damage due to solvent-based
cleaning agents.
Cleaning agents containing benzine,
stain remover, etc., can damage
plastic parts.
When pre-treating garments, make
sure that any plastic parts (e.g.
buttons) do not come into contact
with cleaning agent.

⚠ Risk of explosion due to solvent-
based cleaning agents.
If solvent-based cleaning agents are
used, an explosive mixture can form.
Never use solvent-based cleaning
agents in the washing machine.

General tips

- Curtains: remove lead weights first or
  place in a laundry bag.

- Remove or sew in any loose
  underwiring in bras or shirt collar
  stiffeners.

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

- Fasten duvet covers and pillow cases
  to prevent small items from being
  rolled up inside them.

Do not wash items which are specified
by the manufacturer as **not washable**
on the care label (⊠ symbol).

Switching on the washing machine

■ Turn the programme selector to a programme.

Programme selection

There are three possible ways to select a programme:

1. Selecting standard programmes via the programme selector
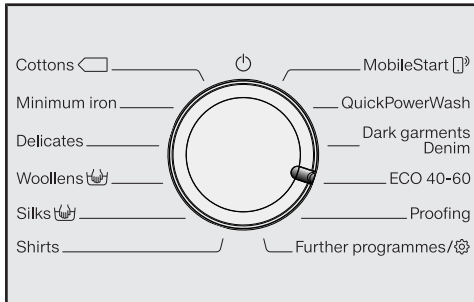
■ Turn the programme selector to the required programme.

The selected programme will appear in the display. This will then be replaced by the standard display.

2. Selecting additional programmes by setting the programme selector to "Further programmes/⚙" and using the display:
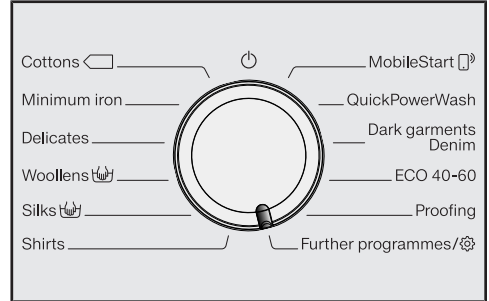
■ Turn the programme selector to the *Further programmes/⚙* position.

The following appears in the display:

■ Touch the ∨∧ sensors until the programme you want appears in the display.

■ Confirm the programme with the *OK* sensor.

Preset programme parameters will be displayed, depending on the programme selected.

2. Selecting a programme

3. Selecting programmes via the MobileStart ⬛⁾⁾ programme selector position and the Miele App

Useful tip: In order to use *MobileStart* ⬛⁾⁾, the washing machine must be logged on to the Wi-Fi network and Remote control must be switched on.
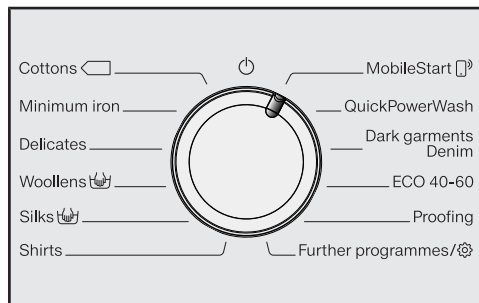
- ◾ Turn the programme selector to the *MobileStart* ⬛⁾⁾ position.

The following appears in the display: ⬛⁾⁾Load laundry, close the door and press 'Start'. Appliance can be remotely controlled

- ◾ Follow the instructions in the display and start the programme.

The following appears in the display: ⬛MobileStart ⬛⁾⁾

The washing machine can now be operated with the Miele App.

Opening the door
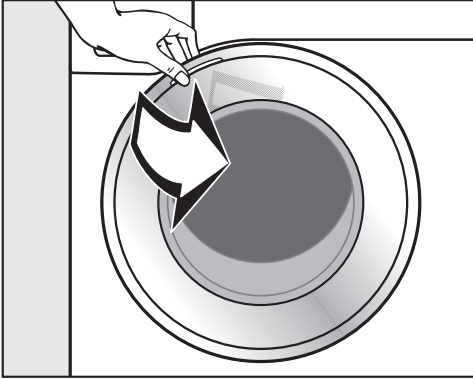
■ Take hold of the door and pull it open.

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

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

■ Unfold the laundry and load loosely in the drum.

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

Useful tip: Please note the maximum load size for different wash programmes. The relevant load size is always shown in the display when you select a programme.

Closing the door
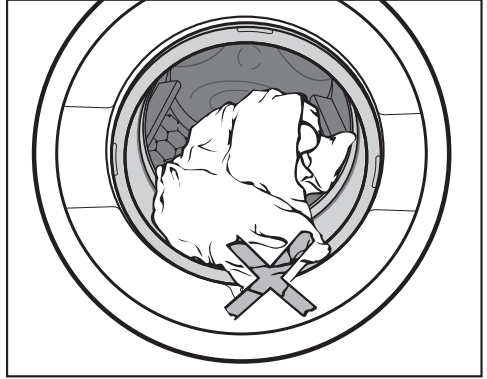
■ Make sure that no items are caught between the door and the seal.
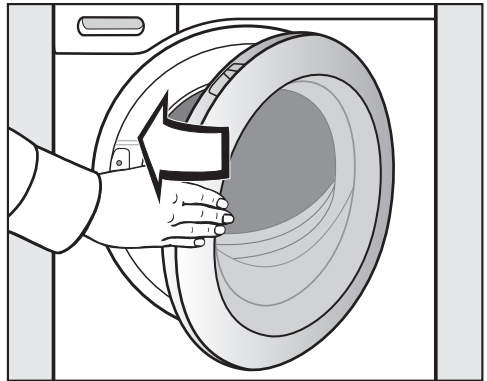
■ Shut the door with a gentle swing.

4. Selecting programme settings

Selecting a temperature/spin speed

You can alter the preset temperature/spin speed of a wash programme, if this option is permitted for that programme.

The temperatures reached in the washing machine may differ from the selected temperatures. The combination of energy input and washing time achieves an optimum washing result.

```
      ∧          ∧
 40°     1600      2:24     OK
      ∨          ∨
```

■ Touch the ∨∧ sensors above or below the temperature or spin speed value in the display until the temperature/spin speed you want appears in the display.

Selecting Extras

```
   SingleWash        Pre-ironing

   Water +           Extras
```
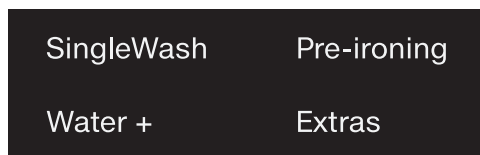
■ Touch the sensor for the Extra you want. It then lights up brightly.

Useful tip: You can select multiple Extras for a wash programme.

Not all the Extras can be used with every programme. If an Extra is not dimly lit, this option is not permitted for the wash programme (see "Extras").

Extras sensor

You can select additional Extras using the *Extras* sensor.

■ Touch the *Extras* sensor.

The following appears in the display:

```
    ∧          ∧
 No Extras ✓              OK
    ∨          ∨
```

■ Touch the ∨∧ sensors until the Extra you want appears in the display.

■ Confirm the Extra with the *OK* sensor.

👕 Level of soiling

The 👕 sensor is only active with the TwinDos option activated. See "5. Adding detergent - TwinDos" for more information.

⬦ Delay start/SmartStart

Delay start

> With Delay start you can delay the start of a programme.
>
> This function is active when the setting SmartGrid is switched off.

The hours can be set from 00 to 24. The minutes can be set in 15-minute increments from 00 to 45.

Setting the Delay start time

■ Touch the ⬦ sensor.

The following will appear in the display:

```
    ∧          ∧
Start in        00:00 h    OK
    ∨          ∨
```

■ Set the hours with the ∨∧ sensors. Confirm with the *OK* sensor.

The display will change:

```
    ∧          ∧
Start in        06:00 h    OK
    ∨          ∨
```

■ Set the minutes with the ∨∧ sensors. Confirm with the *OK* sensor.

Useful tip: The values will count upwards and downwards automatically if you keep your finger on the ∨∧ sensors.

Cancelling Delay start

The selected Delay start time can be cancelled before the programme starts.

■ Touch the ⬦ sensor.

The selected Delay start time will appear in the display.

■ Set a time value of 00:00 h with the ∨ ∧ sensors. Confirm with the *OK* sensor.

The selected Delay start time has been cancelled.

> After the programme has started, the selected time can only be changed or cancelled by interrupting the programme.

Altering Delay start

The selected Delay start time can be changed before the programme starts.

■ Touch the ⬦ sensor.

■ Change the specified time and confirm with the *OK* sensor.

4. Selecting programme settings

SmartStart

The SmartStart function (only functional in selected countries) lets you define a period of time during which your washing machine will start automatically. The machine will start on receipt of a signal, e.g. from your energy supplier, that indicates that the electricity rate is particularly economical.

This function is active when the SmartGrid setting is switched on.

The timeframe can be defined between 15 minutes and 24 hours. During this period, the washing machine waits for the signal from the energy supplier. If no signal is sent during the defined period, the washing machine starts the wash programme.

Setting the timeframe

If you have activated the SmartGrid function in Settings, SmartStart in instead of Start in will appear in the display when you touch the ⟡ sensor (see "Settings – SmartGrid").

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

■ Use the ∨∧ sensors to enter the hour and confirm your entry with the *OK* sensor.

The hours will be saved and the minute number block will be highlighted.

■ Use the ∨∧ sensors to enter the minutes and confirm your entry with the *OK* sensor.

■ Press the *Start/Add laundry* sensor to start the wash programme with SmartStart.

The following will appear in the display:

There are several options for adding detergent.

TwinDos

The washing machine is equipped with the TwinDos system.

> TwinDos has to be activated as described in "Before using for the first time".

How UltraPhase 1 and UltraPhase 2 work

UltraPhase 1 is a liquid detergent which dissolves dirt and removes the most common stains. UltraPhase 2 is a bleaching agent and removes stubborn stains. For the best washing result, these two agents are dispensed at separate times during the wash process. UltraPhase 1 and UltraPhase 2 clean white and coloured fabrics thoroughly. UltraPhase 1 and UltraPhase 2 single use cartridges are available to order from Miele or via the internet at shop.miele.com (see the end of this booklet for details).

Activating TwinDos dispensing

TwinDos dispensing is automatically activated for all programmes in which dispensing is possible.

Useful tip: The detergent dispensing quantities are preset. If too much foam builds up, the dispensing quantity can be reduced via Settings ⚙ TwinDos.

Changing TwinDos dispensing

You can change the suggested colour composition of the laundry.

■ Touch the sensor for *White items* or *Coloured items*.

Deactivating TwinDos dispensing

■ Touch the *TwinDos* sensor.

The sensor is only dimly lit and dispensing is deactivated.

Using other methods to remove stains

If you wish to use additional methods of stain removal, you have the following options:

- Using the Booster cap and activating CapDosing.

- Add stain remover to the ⊔Ⅲ⌄ compartment.

5. Adding detergent

⊞ Selecting the degree of soiling

The level of soiling in laundry is divided into three settings:

- ⊞ Light
  No visible soiling or stains.

- ⊞ Normal
  Visibly soiled and/or just a few slight stains.

- ⊞ Heavy
  Heavily soiled and/or clearly visible stains.

The dispensing amount for TwinDos and the amount of water required for rinsing is preset for the ⊞Normal level of soiling.

■ Touch the ⊞ sensor to select a different level of soiling.

The amount of detergent and water will be adjusted to suit the selected level of soiling.

Detergent dispenser drawer

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

Ensure that TwinDos dispensing is deactivated.

Filling with detergent
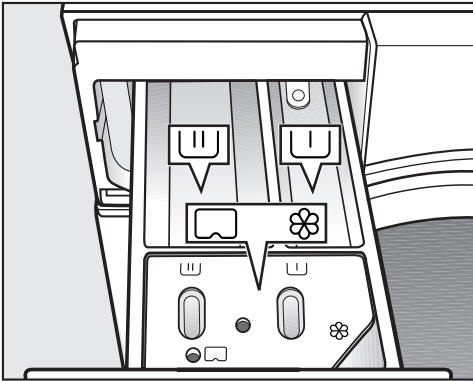
■ Pull out the detergent drawer and add detergents to the compartments.

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

⊔⊔ Detergent for the main wash and soaking

❀ Fabric softener, liquid starch, or
⊔ capsules

See "Detergent" for further information.

Adding fabric softener
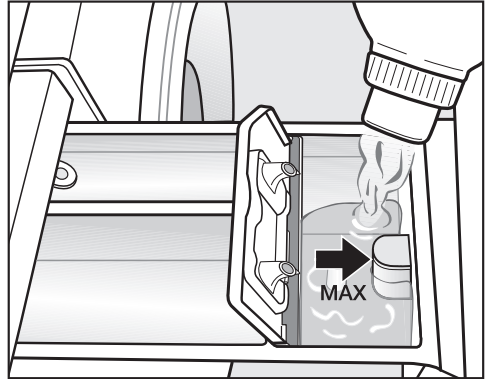
■ Add fabric softener or liquid starch to the ❀ compartment. **Do not exceed the maximum level mark.**

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

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

5. Adding detergent

Tips on dosing

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

Too little detergent results in:

- laundry not getting properly clean and with time it may become grey and hard to the touch.
- a build-up of mould in the washing machine.
- grease not being completely removed from the laundry.
- limescale deposits on the heater elements.

Too much detergent results in:

- poor wash, rinse, and spin results.
- a higher water consumption as an extra rinse cycle is automatically activated.
- a greater burden on the environment.

Using liquid detergent with a pre-wash

Liquid detergent cannot be used for the main wash if the pre-wash has been selected.

Use TwinDos dispensing if you are activating the pre-wash.

Using detergent tablets or pods

Always put detergent tablets or pods directly in the drum with the laundry. They cannot be added via the detergent dispenser drawer.

See "Detergent" for further information on detergents and dosage.

CapDosing

Three different types of capsule are available:

- ⚘ = Fabric care (e.g. fabric softener)

- ⚗ = Additives (e.g. booster)

- ◊ = Detergent (for the main wash only)

> Each capsule contains the correct amount for one wash cycle.

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

> ⚠ Capsules pose a health risk.
> The ingredients of capsules can be hazardous to health if they are swallowed or come into contact with skin.
> Keep capsules out of the reach of children.

Activating CapDosing

■ Touch the CAP sensor.

The following appears in the display:

■ Touch the ∨∧ sensors until the capsule you want appears in the display.

■ Confirm the capsule with the *OK* sensor.

Inserting a capsule

■ Open the detergent dispenser drawer.
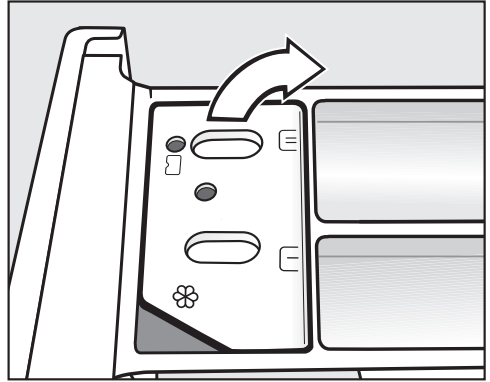
■ Open the lid of the ⚘/☐ compartment.
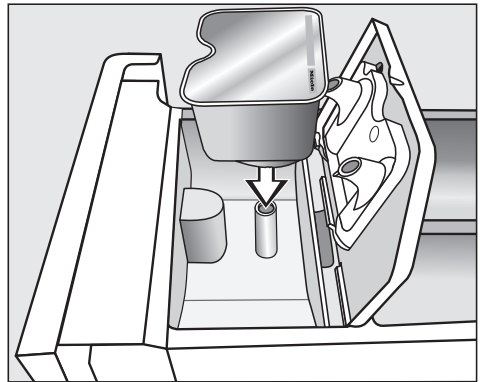
■ Press the capsule in firmly.

5. Adding detergent
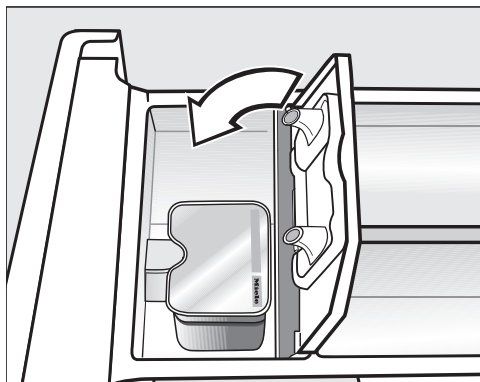
■ Close the lid and press it firmly shut.

■ Close the detergent dispenser drawer.

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

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

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

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

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

Deactivating or changing CapDosing

CapDosing can only be deactivated or changed prior to programme start.

■ Touch the CAP sensor.

■ Select No Cap (deactivate) or a different type of capsule (change).

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

The door will lock and the programme will start.

The programme status will appear in the display.

The washing machine will keep you updated on the programme status and the time remaining for the programme to run.

If a Delay start period has been selected, this will appear in the display.

Energy saving

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

You can reactivate the indicators:

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

Adding or removing laundry during a programme sequence (AddLoad)

Laundry can be added or removed at any time, provided that the ⌂ symbol is not illuminated in the display.

■ Touch the *Start/Add laundry* sensor.

The following appears in the display:
⁘ Please wait

■ Wait until the following display lights up:
ⅈ Door can be opened

■ Open the door and add or remove laundry.

■ Close the door.

■ Touch the *Start/Add laundry* sensor.

The wash programme will continue.

Laundry cannot usually be added or removed if:

- The suds temperature is above 55°C

- The water inside the drum is above a certain level

7. At the end of the programme

Opening the door and removing the laundry

The door remains locked during the Anti-crease phase. The display will change to show:
Finish/Anti-crease

i Press Start button

■ Unlock the door either by touching the *Start/Add laundry* sensor or by turning the programme selector to the ⏻ position.

The door will unlock.

Useful tip: After the Anti-crease phase, the door will unlock automatically.
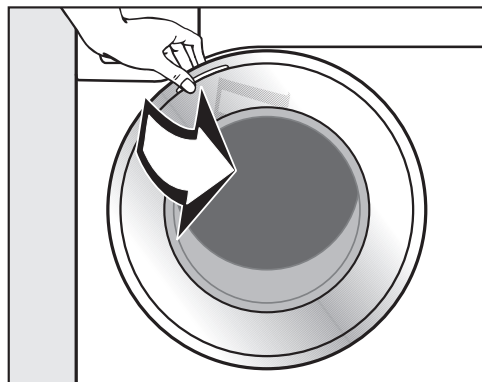
■ Take hold of the door and pull it open.

■ Remove the laundry.

Items left in the drum could discolour other items in the next wash or become discoloured themselves.
Check that all items have been removed from the drum.
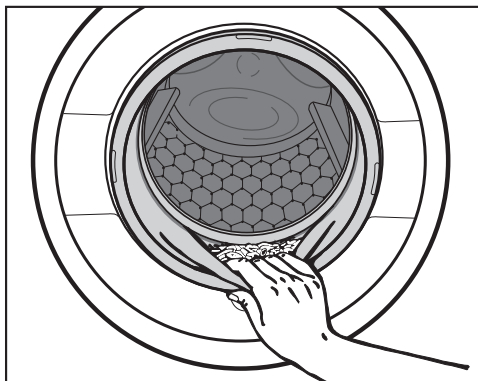
■ Check the folds in the door seal for any small articles, e.g. buttons, which might be lodged there.

Useful tip: For safety reasons, close the door when the machine is not in use. Otherwise there is a danger of objects being placed inadvertently in the drum. If these remain unnoticed and were washed in the next load, they could damage the laundry. An open door is also a danger to pets and children.

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

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

Final spin speed in the programme

When a programme is selected, the optimum spin speed for this wash programme will appear in the display.

A faster spin speed can be selected for certain wash programmes.

The highest selectable spin speed is indicated in the table.

Programme	rpm
Cottons	1600
Minimum iron	1200
Delicates	900
Woollens 🤚	1200
Silks 🤚	600
Shirts	900
QuickPowerWash	1600
Dark garments/Denim	1200
ECO 40-60	1600
Proofing	1000
Cottons hygiene	1600
Outerwear	800
Express 20	1200
Sportswear	1200
Automatic plus	1400
Pillows	1200
Curtains	600
Down filled items	1200
First wash	1200
Down duvets	1200
Separate rinse/Starch	1600
Drain/Spin	1600
Clean machine	600

Spinning

Rinse and 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.

Omitting the final spin (Rinse hold)

■ Set the spin speed to ⊏⊐ (Rinse hold).

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

Ending a programme with a spin cycle

The display shows 🔒 Rinse hold alternately with the ideal spin speed.

■ Touch the *Start/Add laundry* sensor to start the final spin.

Ending a programme without a spin cycle

■ Reduce the spin speed to 0.

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

Deselecting the interim spin and the final spin

■ Before the start of the wash programme, reduce the spin speed to 0.

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

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

Programmes on the programme selector

Cottons	Cold to 90°C	Max. load 9.0 kg
Items	Cottons, linens or cotton mix fabrics, e.g. table linen, towelling, underwear, T-shirts etc.	
Notes	Where particularly high levels of hygiene are required, please select a temperature of 60°C or higher.	

Cottons ⬭	60°C	Max. load 9.0 kg
Items	Cottons, linens or cotton mix fabrics, e.g. table linen, towelling, underwear, T-shirts etc.	
Notes	With Cottons ⬭ 60°C the actual wash temperature reached will be lower than 60°C although the wash performance is the same as with the standard Cottons 60°C programme.	

Cottons ⬭	40°C	Max. load 9.0 kg
Items	Normally soiled cotton garments	
Notes	These settings are the most efficient in terms of energy and water consumption for washing cottons.	

Note for test institutes:

Energy labelling programme according to AS/NZS 2040.1 & AS/NZS 2040.2 (refer to www.energyrating.gov.au website for consumption data).

The TwinDos system must be switched off during the tests. The detergent must be added via the detergent dispenser drawer.

Minimum iron	Cold to 60°C	Max. load 4.0 kg
Items	Synthetic, mixed fibre and easy care cotton.	
Notes	Reduce the spin speed for fabric that creases easily.	

Delicates	Cold to 60°C	Max. load 3.0 kg
Items	Delicate garments made from synthetic fibre, mixed fibre, rayon and viscose.	
Notes	For items which crease easily, deselect the spin.	

Programme chart

Woollens 〜	Cold to 40°C	Max. load 2.0 kg
Items	Machine-washable or hand-washable wool or wool blend fabric. If the care label does not specify a temperature, wash using the cold setting.	
Notes	Reduce the spin speed for fabrics that crease easily.	
Silks 〜	**Cold to 30°C**	**Max. load 1.0 kg**
Items	Silks and other hand-washable fabrics with no wool content, e.g. satin, lace and silk.	
Notes	Place stockings and bras etc. in a laundry bag.	
Shirts	**Cold to 60°C**	**Max. load 1.0 kg/2.0 kg**
Items	Shirts and blouses made of cotton and mixed fibre.	
Notes	- Pre-treat collars and cuffs if necessary. - Wash silk shirts and blouses in the *Silks* 〜 programme. - If the preset *Pre-ironing* Extra is switched off, the maximum load capacity is increased to 2.0 kg.	
MobileStart 〜		
The Miele App is used for selecting programmes and operating the machine.		
QuickPowerWash	**40°C – 60°C**	**Max. load 4.0 kg**
Items	Moderately soiled garments which are also suitable for washing in the *Cottons* programme.	
Notes	A special saturation process and wash rhythm ensure that the laundry is cleaned particularly quickly and thoroughly.	

Programme chart

Dark garments/ Denim	Cold to 60°C	Max. load 3.0 kg
Items	Black and dark garments made from cotton, mixed fibres and denim.	
Notes	- Wash inside out. - Denim often contains excess dye and may run during the first few washes. Wash light and coloured items separately.	
ECO 40-60		**Max. load 9.0 kg**
Items	For normally soiled cotton garments	
Notes	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.	
Proofing	**40°C**	**Max. load 2.5 kg**
Items	Treating microfibre fabric, ski wear or table linen made from mainly synthetic fibres to provide a finish that is resistant to water and dirt.	
Notes	- The items should be freshly laundered and spun or dried before proofing. - For best results, the items should be heat-treated afterwards. This can be achieved by drying them in the tumble dryer or by ironing them.	

Programme chart

Programmes accessed via Further programmes/⚙ with the programme selector

Cottons hygiene	60°C to 90°C	Max. load 9.0 kg
Items	Cotton or linen with direct skin contact or for which special hygiene requirements apply, e.g. underwear, bed linen, encasing products.	
Notes	- Safe removal of viruses and bacteria in combination with the *AllergoWash* Extra and detergent dispensing via TwinDos with UltraPhase 1 and 2. Tested and confirmed by Albstadt-Sigmaringen University. - Temperature holding times are longer than in the *Cottons* programme. - Observe the instructions on the care label.	

Outerwear	Cold to 40°C	Max. load 2.5 kg
Items	Performance outerwear (e.g. jackets and trousers) made from membrane fabric such as Gore-Tex®, SYMPATEX®, WINDSTOPPER®, etc.	
Notes	- Close any zips and Velcro fasteners before washing. - Do not use fabric softener. - If required, these items can also be reproofed using the *Proofing* programme. Reproofing after each wash cycle is not recommended.	

Express 20	Cold to 40°C	Max. load 3.5 kg
Items	Cotton garments that have hardly been worn or are only very lightly soiled.	
Notes	The *Quick* Extra is activated automatically.	

Sportswear	Cold to 60°C	Max. load 3.0 kg
Items	Sportswear such as jersey shirts and leggings, and microfibre and fleece garments.	
Notes	- Do not use fabric softener. - Observe the instructions on the care label.	

Automatic plus	Cold to 40°C	Max. load 6.0 kg
Items	Mixed loads of garments sorted according to colour which are suitable for the *Cottons* and *Minimum iron* programmes.	
Notes	The wash parameters (e.g. water level, wash rhythm and spin speed) are adjusted automatically in this programme to ensure the best possible care and wash result for each item.	

Pillows	Cold to 60°C	2 pillows (40 x 80 cm) or 1 pillow (80 x 80 cm)
Items	Washable pillows with synthetic filling.	
Notes	- Remove air from the items before washing to prevent an excessive build-up of foam. To do this, either push the items into a narrow laundry bag to compress them or tie the items together with a washable strap. - Observe the instructions on the care label.	

Curtains	Cold to 40°C	Max. load 2.0 kg
Items	Curtains, including net curtains, specified as machine-washable by the manufacturer.	
Notes	- To remove dust, the *Pre-wash* Extra is selected automatically. - For curtains which crease easily, reduce the spin speed or deselect the spin. - Remove weights from curtains.	

Down filled items	Cold to 60°C	Max. load 2.0 kg
Items	Jackets, sleeping bags, pillows and other down-filled items.	
Notes	- Remove air from the items before washing to prevent an excessive build-up of foam. To do this, either push the items into a narrow laundry bag to compress them or tie the items together with a washable strap. - Observe the instructions on the care label.	

Programme chart

First wash	Cold to 40°C	Max. load 2.0 kg
Items	New items made of cotton, towelling and polyester fabric.	
Notes	Use this programme to wash any manufacturing residues out of new items.	

Down duvets	Cold to 60°C	Max. load 2.5 kg 1 down duvet 2.20 m x 2.00 m
Items	Quilts, duvets and pillows with feather or down filling.	
Notes	- Remove air from the items before washing to prevent an excessive build-up of foam. To do this, either push the items into a narrow laundry bag to compress them or tie the items together with a washable strap. - Observe the instructions on the care label.	

Separate rinse/Starch		Max. load 8.0 kg
Items	- For rinsing hand-washed items. - For starching table cloths, serviettes and workwear.	
Notes	- Reduce the spin speed for fabrics that crease easily. - Laundry that is to be starched should be washed but not treated with fabric softener. - Items will be rinsed very effectively with 2 rinses by activating the *Water* + Extra.	

Drain/Spin		–
Notes	- Drain: Set the spin speed to 0 rpm. - Make sure you select the appropriate spin speed.	

Settings ⚙/Maintenance

Settings ⚙

You can use the settings to alter the washing machine's electronics to suit changing requirements. See "Settings" for more detailed information.

Maintenance

The washing machine has two maintenance programmes.

1. Clean machine for cleaning the washing machine.

2. Clean TwinDos for maintenance of the TwinDos compartments ①/②. See "Cleaning and care – TwinDos maintenance" for more details.

Clean machine	85°C	No load
With frequent washing at low temperatures there is a danger of a build-up of bacteria in the washing machine. Cleaning the washing machine will significantly reduce bacteria, mould, and biofilm, and prevent the build-up of unpleasant odours.		
Notes	- Optimum results can be achieved by using Miele's IntenseClean washing machine cleaner. Alternatively, a universal powder detergent can be used. - Dispense the washing machine cleaner or universal detergent directly in the drum. - Do not load any laundry. The drum must be empty for the machine maintenance wash.	

Garment care label symbols

Washing	
The figure quoted in the bucket is the maximum temperature at which the garment can be washed.	
[95]	Normal agitation
[60]	Reduced agitation
[30]	Much reduced agitation
[⚗]	Hand wash
[⊠]	Do not wash

Programme selection examples

Programme	Garment care label symbols
Cottons	[95] [70] [60] [50] [40] [30]
Minimum iron	[95] [60] [50] [40] [30]
Delicates	[40] [30]
Woollens ⟨⚗⟩	[⚗]
Silks ⟨⚗⟩	[⚗]
Express 20	[40] [30]
Automatic plus	[40] [30] [40] [30]

Drying	
⊙	Normal temperature
⊙	Low temperature
⊠	Do not tumble dry

Ironing	
⌷	Approx. 200 °C
⌷	Approx. 150 °C
⌷	Approx. 110 °C
	Ironing with steam can cause irreversible damage.
⌷̸	Ironing prohibited

Professional cleaning	
Ⓕ	Dry clean only. The letters indicate the type of cleaning agent required.
Ⓟ	
Ⓦ	Wet cleaning
⊗	Dry cleaning prohibited

Bleaching	
△	Any oxidation bleach can be used
⚠	Use oxygen bleach only
⧄̸	Do not bleach

You can use the Extras sensor to augment the wash programmes.

Selecting Extras

Extras are selected or deselected using the sensors in the control field. Additional Extras can be selected from the display using the *Extras* sensor.

SingleWash	Pre-ironing
Water +	Extras

■ Touch the sensor for the Extra you want.

The relevant sensor will light up brightly.

Not all the Extras can be used with every programme.

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

SingleWash

For efficiently washing a very small load (< 1 kg) in a normal wash programme. The wash duration is reduced.

Please note the following advice:

- Use liquid detergent.

- Reduce the dosage to a maximum of 50% of the amount quoted for a ½ load.

Pre-ironing

In order to reduce creasing, the laundry undergoes a smoothing process at the end of the programme. For optimal smoothing reduce the maximum load by 50%. Follow the instructions in the display. Small loads achieve a better result.

The garments must be suitable for drying in a tumble dryer 🔘 🔘 and suitable for ironing 🗵 🗵.

Water +

The water level in the main wash and the rinse cycles is increased. A second rinse cycle is carried out in the *Separate rinse*/*Starch* programme.

You can select other functions for the *Water +* Extra. These are described in "Settings".

Extras

Extras can be selected using the Extras sensor.

Selecting Extras in the display

■ Touch the *Extras* sensor.

The following appears in the display: No Extras

■ Touch the ∨∧ sensors until the Extra you want appears in the display.

■ Confirm the Extra with the *OK* sensor.

The Extra will have a ✓ next to it.

Deselecting an Extra

■ Touch the *Extras* sensor.

The first Extra which can be selected appears in the display.

■ Touch the ∨∧ sensors until No Extras appears in the display.

■ Confirm No Extras with the *OK* sensor.

The previously selected Extra(s) is(are) now deselected.

Quick

The programme duration is reduced. Mechanical action and energy usage are increased.

Stains

For cleaning stained laundry. The programme sequence is altered with this option.

Pre-wash

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

Soak

For heavily soiled fabrics with protein stains.

A duration of between 30 minutes and 6 hours can be selected in 30-minute increments for the soak process. See "Settings" for more information.

The factory default setting is 30 minutes.

Intensive

For hard-wearing laundry that is very heavily soiled. Cleaning efficiency is increased through more intense mechanical action and the application of more heat energy.

Extra quiet

This option reduces noise levels during the wash programme. Use this if you want to wash during quiet periods (for instance when children are sleeping). The final spin is automatically reduced to ⊔ (Rinse hold). The programme duration is increased.

Extra gentle

Drum rotation and wash duration are reduced. Lightly soiled fabrics are washed more gently.

AllergoWash

This option should be used where high standards of hygiene are required. More energy is used to lengthen temperature holding times and more water is used to increase rinsing efficiency. The items must be suitable for drying in a tumble dryer ⊙ ⊙ and suitable for ironing ⌐⌐ ⌐⌐.

Wash programme chart - Extras

	SingleWash	Pre-ironing	Water +	Quick
Cottons	●	●	●	●
Minimum iron	●	●	●	●
Delicates	●	●	●	●
Woollens 〰	●	–	–	–
Silks 〰	●	–	–	–
Shirts	●	✓	●	●
QuickPowerWash	●	●	–	✓
Dark garments/Denim	●	●	●	●
ECO 40-60	–	–	–	–
Proofing	–	–	–	–
Cottons hygiene	–	●	●	●
Outerwear	–	–	●	●
Express 20	–	●	–	✓
Sportswear	●	–	●	●
Automatic plus	●	●	●	●
Pillows	–	–	●	●
Curtains	●	●	●	●
Down filled items	–	–	●	●
First wash	●	●	●	–
Down duvets	–	–	●	●
Separate rinse/Starch	–	–	●	–
Clean machine	–	–	–	✓

Stains	Pre-wash	Soak	Intensive	Extra quiet	Extra gentle	Allergo-Wash
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	–	●	●	●
–	–	–	–	●	–	–
–	–	–	–	●	–	–
●	●	●	–	●	●	●
–	–	–	–	–	–	–
●	●	●	–	●	●	●
–	–	–	–	–	–	–
–	–	–	–	–	–	–
●	●	●	–	●	●	●
●	●	●	–	●	●	–
–	–	–	–	–	–	–
●	●	●	–	●	●	●
●	●	●	–	●	●	●
●	●	–	–	●	●	●
●	●	–	–	●	●	●
●	✓	–	–	●	●	●
–	–	–	–	●	●	–
●	●	–	–	●	●	●
–	–	–	–	●	–	–
–	–	–	–	–	–	–

● = can be selected   ✓ = activated automatically

– = cannot be selected

Programme sequence

	Main wash		Rinse		Spin
	Water level	Wash rhythm	Water level	Rinses	
Cottons	⌣	(A)	⊔	2-5[1,2,3]	✓
Minimum iron	⌣	(B)	⊔	2-4[2,3]	✓
Delicates	⌣	(C)	⊔	2-4[2,3]	✓
Woollens ⦿	⊔	(E)	⊔	2	✓
Silks ⦿	⊔	(E)	⊔	2	✓
Shirts	⌣	(C)	⊔	3-4[3]	✓
QuickPowerWash	⌣	(A)	⊔	2	✓
Dark garments/Denim	⊔	(B)	⌣	3-5[2,3]	✓
ECO 40-60	⌣	(A)	⊔	2–3[2]	✓
Proofing	–	(B)	⊔	1	✓
Outerwear	⊔	(C)	⊔	3-4[3]	✓
Express 20	⌣	(A)	⌣	1	✓
Sportswear	⌣	(C)	⌣	2-3[3]	✓
Automatic plus	⌣	(A)(B)	⊔	2-4[2,3]	✓
Pillows [4]	⊔	(C)	⊔	3-4[3]	✓
Curtains	⊔	(C)	⌣	3-4[3]	✓
Down filled items [4]	⊔	(C)	⊔	3-4[3]	✓
First wash	⌣	(B)	⊔	2-3[3]	✓
Down duvets	⊔	(C)	⊔	3-4[3]	✓
Separate rinse/Starch	⊔	(B)	⊔	0-1[5]	✓
Drain/Spin	–	–	–	–	✓
Clean machine	⊔	(A)	⊔	3	✓

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

⊔ = low water level

⊔ = medium water level

⊔ = high water level

Ⓐ = intensive rhythm

Ⓑ = normal rhythm

Ⓒ = sensitive rhythm

Ⓔ = handwash rhythm

✓ = carried out

– = not carried out

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

The programme sequences outlined in the chart are based on the basic programme with a full load.

The washing machine programme sequence display shows which stage of the programme has been reached.

Special features in the programme sequence

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

[1] If a temperature of 60°C or higher is selected, and with ⟨40°C⟩ and ⟨60°C⟩, two rinses are carried out. If a temperature of less than 60°C is selected, three rinses are carried out.

[2] An additional rinse is carried out if:

- there is too much foam in the drum.

- a spin speed lower than 700 rpm has been selected.

[3] An additional rinse is carried out if:

- The *Water + Extra* has been selected and the options Extra water or Extra water + rinse have been activated in the *Settings* menu.

[4] Run-up to spin: A run-up to spin is carried out before the wash process begins to deflate down-filled items. Subsequent water intake for the main wash is through compartment ⊔.

[5] An additional rinse is carried out if: the *Water + Extra* has been selected.

Programme sequence

PowerWash

PowerWash is a washing technique developed by Miele. It is activated in the following programmes:

- Cottons (with small and medium-sized loads)
- Minimum iron
- Shirts
- Automatic plus
- Delicates
- *ECO 40-60* (with small and medium-sized loads)

How it works

Conventional washing techniques wash with more water than the laundry can absorb. This total volume of water needs to be heated.

The PowerWash washing technique only uses slightly more water than the laundry can absorb. The water which has not been absorbed by the laundry heats up the drum and the laundry and is sprayed into the laundry over and over again. This reduces the amount of energy used.

Activation

PowerWash is activated **automatically** in the programmes listed above.

PowerWash is deactivated if:

- The selected final spin speed is less than 600 rpm
- CapDosing (◊, ⚗) has been selected for the main wash
- The wash temperature is higher than 60°C
- Extras such as *Pre-wash* or *Water +* have been selected
- A large load is being washed in the *Cottons* programme

Special features

- **Drenching phase**
  The washing machine will spin a few times at the beginning of the programme. During spinning, the water discharged is sprayed back into the laundry in order to achieve optimum moisture penetration.

  The optimum water level is set at the end of the drenching phase. If necessary, the washing machine will pump water away and take in a little more fresh water.

- **Noises during the heating phase**
  Unusual bubbling noises can occur while the laundry and the drum are being heated.

Changing the programme (safety lock)

It is not possible to change the programme, the temperature, the spin speed or the selected Extras after the programme has started. This prevents the appliance being operated unintentionally, e.g. by children.

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.

Interrupting a programme

■ Turn the programme selector to the ⏻ position.

The washing machine switches off.

■ To continue: Turn the programme selector to the position of the wash programme that was started.

```
  ∧          ∧
Cancel?              Yes      OK
  ∨          ∨
```

■ Touch the ∨ sensor.

The following will appear in the display:

```
  ∧          ∧
Cancel?              No       OK
  ∨          ∨
```

■ Confirm with the *OK* sensor.

Useful tip: If 🛈 Cannot be changed appears in the display, the programme selector is in the incorrect position.

Cancelling a programme

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

■ Turn the programme selector to the ⏻ position.

■ Turn the programme selector to the *Cottons* programme.

The following will appear in the display:

```
  ∧          ∧
Cancel?              Yes      OK
  ∨          ∨
```

■ Touch the *OK* sensor.

The suds will be pumped away. The following will appear in the display:

```
  ∧          ∧
🔒 Prog. cancelled            OK
  ∨          ∨
```

■ Wait until the 🔒 symbol in the display goes out and the door unlocks.

■ Pull open the door.

■ Remove the laundry.

Selecting a new programme

■ Close the door.

■ Turn the programme selector to the required programme.

■ Check that there is still detergent in the dispenser drawer. Add more detergent if necessary.

■ Touch the *Start/Add laundry* sensor.

Detergent

The correct detergent

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

The right amount to dispense will depend on the following:

- The soiling level of the laundry.

- The quantity of laundry.

- The water hardness level. Check with your local water authority if you do not know the water hardness level in your area.

Detergent dispensing aids

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

Refill packs of detergent

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

Fabric softeners and liquid starch

Fabric softeners
make garments soft to handle and help prevent static cling when tumble drying.

Fabric shapers
are synthetic starches and give an even stiffer hold.

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

Adding fabric softener or liquid starch separately

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

Useful tip: When adding fabric softener, activate the *Water* + Extra.

Dispensing fabric softener or liquid starch via TwinDos

One of the automatic dispensing containers must be filled with fabric softener or liquid starch.

■ Select the *Separate rinse/Starch* programme.

■ Touch the *TwinDos* sensor.

■ Activate the appropriate container.

■ Touch the *Start/Add laundry* sensor.

Dispensing fabric softener or liquid starch via the detergent drawer

■ Add fabric softener to the ❀ compartment or insert the appropriate capsule.

■ Add liquid starch to the ❀ compartment and powder or viscous starch to the ⎵ compartment.

■ Select the *Separate rinse/Starch* programme.

■ Change the spin speed if necessary.

■ Activate the ⓒᴬᴾ sensor if using a capsule.

■ Touch the *Start/Add laundry* sensor.

Colour run and dye removers/ 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.

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

> When using the machine to dye fabric, it is essential to select the *Water* + Extra.

Detergent

Miele detergents

Miele detergents have been specially designed for everyday use in Miele washing machines. See "Detergents and care products" for more information about these detergents.

	Miele UltraPhase 1 and 2	Miele capsules 🝙	Miele capsules 🝙	Miele capsules 🝙
Cottons	✓	–	✓	✓
Minimum iron	✓	–	✓	✓
Delicates	✓	✓	✓	–
Woollens ⌷	–	✓	–	–
Silks ⌷	–	✓	–	–
Shirts	✓	–	✓	✓
QuickPowerWash	✓	–	–	–
Dark garments/Denim	✓	✓	✓	–
ECO 40-60	✓	–	✓	✓
Cottons hygiene	✓	–	✓	✓
Outerwear	–	✓	–	–
Express 20	✓	–	✓	–
Sportswear	–	✓	–	–
Automatic plus	✓	–	✓	✓
Pillows	✓	–	–	–
Curtains	✓	–	–	✓
Down filled items	–	✓	–	–
First wash	✓	–	✓	–
Down duvets	–	✓	–	–
Separate rinse/Starch	–/–	–/–	✓/–	–/–

✓   recommended

–   not recommended

🝙   Specialist detergents (e.g. WoolCare)

🝙   Fabric care (e.g. fabric softener)

🝙   Additive (e.g. booster)

Detergent

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

	Universal	Colour	Delicates and woollens	Special
	detergent			
Cottons	✓	✓	–	–
Minimum iron	–	✓	–	–
Delicates	–	–	✓	–
Woollens ⌷	–	–	✓	✓
Silks ⌷	–	–	✓	✓
Shirts	✓	✓	–	–
QuickPowerWash	✓	✓	–	–
Dark garments/Denim	–	✓[1]	–	✓
ECO 40-60	✓	✓	–	–
Cottons hygiene	✓	✓	–	–
Outerwear	–	–	✓	✓
Express 20	–	✓[1]	–	–
Sportswear	–	–	✓	✓
Automatic plus	–	✓	–	–
Pillows	–	–	✓[1]	✓
Curtains	✓[2]	–	–	✓
Down filled items	–	–	✓[1]	✓
First wash	–	✓	–	–
Down duvets	–	–	✓[1]	✓
Clean machine	✓[2]	–	–	✓

✓   recommended   [1]   Liquid detergent

–   not recommended   [2]   Powder detergent

Replacing the TwinDos cartridge

A message will appear in your washing machine display if a detergent cartridge is empty.

Preparing the cartridge
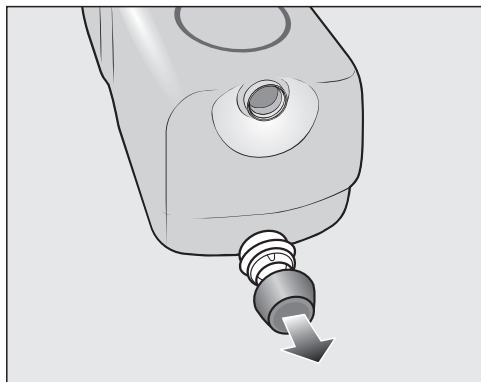
■ Remove the cover cap from the cartridge.

or
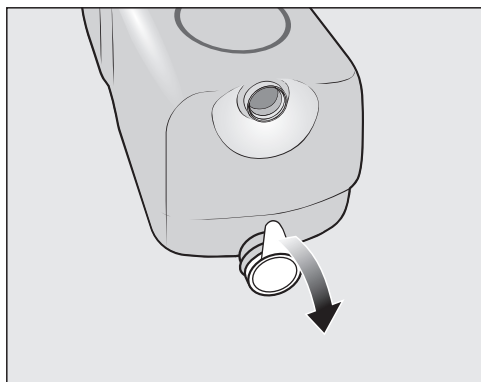
■ Remove the film seal from the cartridge completely.

⚠ Risk of damage from film seal
If the film seal is not removed completely, leaks can occur in the TwinDos system.
Remove the film seal from the suction port on the cartridge completely before inserting the new cartridge.

Replacing the cartridge

■ Switch on the washing machine.
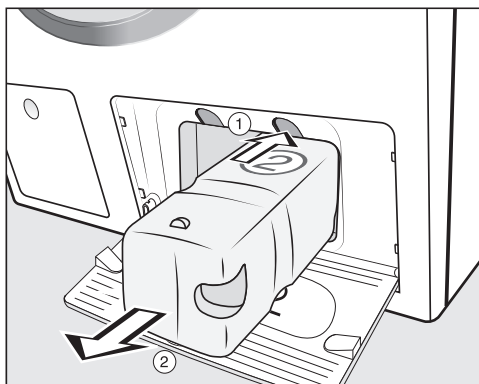
① To release the lock, press the yellow button above the cartridge.

② Pull out the cartridge.

■ Insert a new cartridge.

■ Confirm the messages in the display.

The counter is set to 0.

External casing and fascia panel

⚠ Risk of electric shock!
Mains voltage is present when the washing machine is switched off.
Disconnect the machine from the electricity supply before cleaning or maintenance.

⚠ 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 or high pressure hose.

■ Clean the casing and control panel with a mild cleaning agent or soap and water and dry both with a soft cloth.

■ The drum can be cleaned using a suitable stainless steel cleaning agent following the manufacturer's instructions on the packaging.

⚠ Damage caused by cleaning agents.
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.

Cleaning the detergent dispenser drawer

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

■ Clean the entire drawer at regular intervals for hygiene reasons, even if you are using the TwinDos system exclusively.

Removing the detergent dispenser drawer
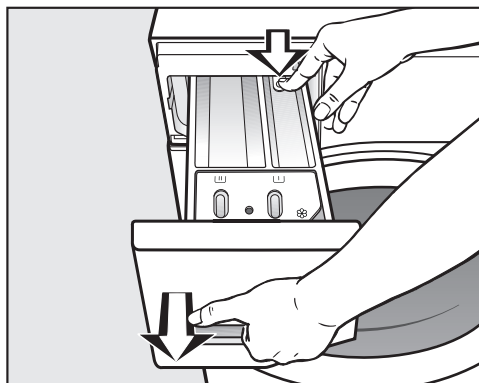
■ Pull out the detergent dispenser drawer until a resistance is felt. Press down the release button and at the same time pull the drawer right out of the machine.

■ Clean the detergent drawer with warm water.

Cleaning and care

Cleaning the siphon and the ⊛/◻ compartment channel

> Liquid starch results in clogging. If clogged, the siphon in the ⊛/◻ compartment will not work and the compartment can overflow.
>
> Clean the siphon particularly thoroughly after using liquid starch a few times.
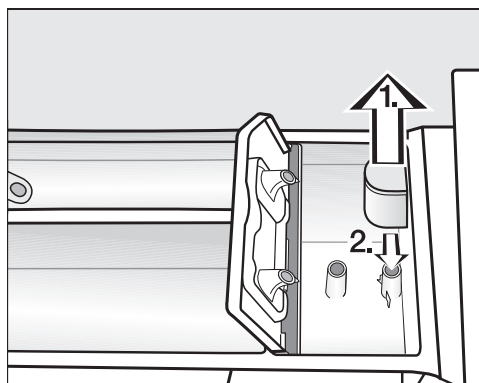
1. Remove the siphon from the ⊛ compartment and clean under warm running water. Clean the siphon tube in the same way.

2. Refit the siphon.
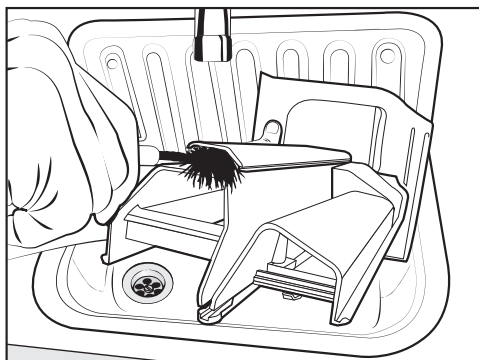
■ Clean the fabric softener channel using a brush and warm water.

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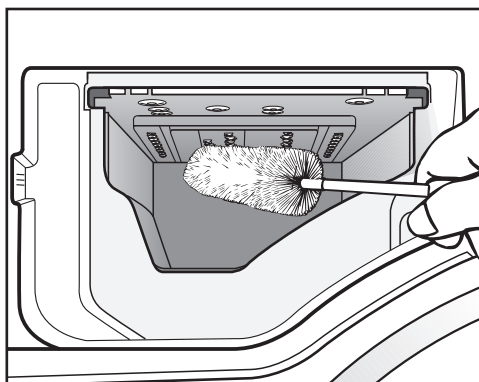
■ Use a bottle brush to remove detergent residues and limescale from the jets inside the detergent dispenser drawer compartment.

■ Replace the detergent dispenser drawer.

Useful tip: To assist drying, leave the detergent dispenser drawer slightly open.

TwinDos maintenance

⚠ Damage resulting from dried laundry detergent.

If the system has not been used for a long time (more than two months), detergent in the hoses can become viscous or dry out. The hoses can become blocked and would then need to be cleaned by a service technician.

Clean the TwinDos system.

To clean the system, you either need a "TwinDosCare" cleaning cartridge or a TwinDos refill cartridge, both of which are available to purchase from shop.miele.com.

The washing machine has a cleaning programme for the TwinDos system. Running the cleaning programme will clean the hoses inside the washing machine.

Starting the maintenance programme

■ Turn the programme selector to the *Further programmes*/⚙ position.

```
  ∧        ∧
Cottons hygiene        |        OK
  ∨        ∨
```

■ Touch the ∨∧ sensors until the following appears in the display:

```
  ∧        ∧
Maintenance        |        OK
  ∨        ∨
```

■ Confirm the setting with the *OK* sensor.

■ Touch the ∨∧ sensors until the following appears in the display:

```
  ∧        ∧
Clean TwinDos        |        OK
  ∨        ∨
```

■ Confirm the setting with the *OK* sensor.

```
  ∧        ∧
Mainten. comp. ①        |        OK
  ∨        ∨
```

■ Touch the ∨∧ sensors until the required compartment appears in the display. Confirm with the *OK* sensor.

```
  ∧        ∧
Start Mainten.?   No  |        OK
  ∨        ∨
```

■ Touch the ∨ sensor until the following appears in the display:

```
  ∧        ∧
Start Mainten.?   Yes  |        OK
  ∨        ∨
```

■ Confirm the setting with the *OK* sensor.

■ Follow the instructions in the display.

The hoses have been cleaned. The TwinDos system can be used again at any time.

Cleaning the compartment

Detergent residue can cause clogging.

■ Use a damp cloth to clean the compartment interior when you change the cartridge or container.

Cleaning and care

Hygiene info (Cleaning the drum)

Washing at low temperatures and/or using liquid detergents can cause bacteria and odours to build up in the washing machine. Use the *Clean machine* programme to clean the washing machine. Run this programme regularly or at the latest when the Hygiene info: Run a programme at min. 75°C or "Clean machine'" programme message appears in the display.

Cleaning the water inlet filter

The washing machine has 2 filters to protect the inlet valve. Check these filters every 6 months or so. 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 tap.

■ Unscrew the inlet hose.
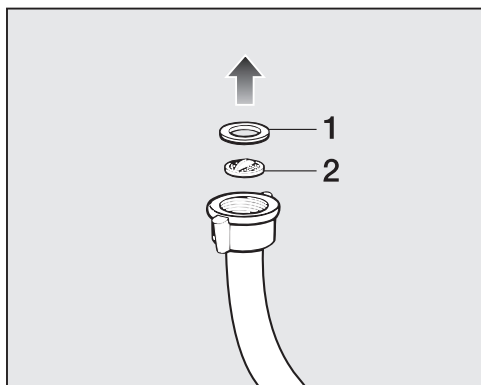
■ Remove the rubber seal **1** from the recess.

■ Using pointed pliers, take hold of the plastic filter bar **2** and remove the plastic filter.

■ Clean the filter and the seal.

■ Reassemble the filter and seal in the reverse order and reconnect the hose.

Cleaning the filter in the inlet valve

■ Using pliers, carefully loosen the ribbed plastic nut (seal) on the inlet valve and unscrew it.
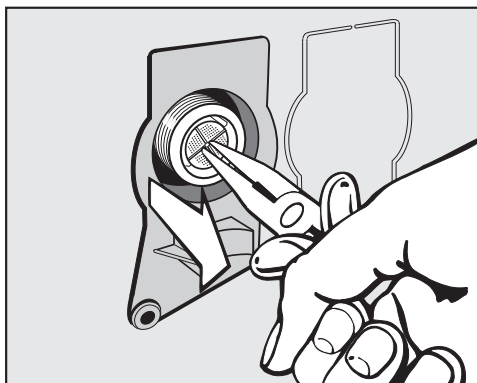
■ Use pointed pliers to withdraw the plastic filter by the bar (see illustration).

■ Clean the filter and the plastic nut (seal).

■ Put the filter and plastic nut (seal) back in the reverse order and reconnect the hose.

The filters must be put back in place after cleaning.

■ Turn on the tap.

Make sure there is no water leaking from the connections.

Problem solving guide

Many malfunctions and minor faults that can occur in daily operation can be corrected without contacting Miele. This will save you time and money because you will not need a service call.

You can find information on how to remedy faults yourself at www.miele.com/service.

Please note, however, that a call-out charge will be applied to unnecessary service visits where the problem could have been rectified as described in these operating instructions.

Some of the messages in the display are more than one line long. Touch the ∨ or ∧ sensor to read them in full.

The programme does not start

Problem	Possible cause and remedy
The control panel remains dark.	There is no power to the machine. ■ Check whether the mains plug is plugged in and switched on. ■ Check whether the circuit breaker has tripped.
	The washing machine has switched off automatically to save energy. ■ Switch the washing machine on again by turning the programme selector.
You are asked to enter a code.	Access via a code has been activated. ■ Enter the code and confirm the entry. Deactivate the code if you do not wish this message to appear in the display the next time the machine is switched on.
The following appears in the display: ⚠ ✆ Service Door lock fault F34	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 Miele.

Problem solving guide

Fault messages after a programme has been cancelled

Problem	Possible cause and remedy
⚠ Check drainage. See 📖	The water outlet is blocked or restricted. The drain hose has been fixed too high. ■ Clean the filters and the drain pump. ■ The maximum drain height is 1 m.
⚠ Water intake. See 📖	The water inlet is blocked or restricted. ■ Check whether the tap is turned on properly. ■ 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 drain pump is activated for 2 minutes. The washing machine door is then released. Wait for the drain pump to stop before switching the machine off.
⚠ Waterproof system. Turn off 🚰. ✆ Service.	The water protection system has reacted. ■ Turn off the tap. ■ Call Miele.
⚠ ✆ Service Fault F	There is a fault. ■ Disconnect the washing machine from the electricity supply. Switch off at the wall and withdraw the plug from the socket, or switch off the mains circuit breaker. ■ Wait **at least 2 minutes** before reconnecting the washing machine to the electricity supply. ■ Then switch the washing machine on again. ■ Restart the programme. If the fault message appears again, contact Miele.

To switch off the fault message: Turn the programme selector to the ⟳ position to switch the washing machine off.

Fault messages at the end of a programme

Problem	Possible cause and remedy
i Check detergent	Excessive foam has built up during washing. ■ With TwinDos, check the dosage amount set. ■ Reduce the amount set in 10% increments. ■ Use less detergent next time and follow the manufacturer's instructions on dosage given on the packaging.
i Hygiene info: Run a programme at min. 75°C or "Clean machine"' programme	When washing, a wash programme using a temperature above 60°C has not been run for a long time. ■ Turn the programme selector to *Further programmes*/⚙. ■ Touch the ∧∨ sensors until Maintenance appears in the display. ■ Touch the *OK* sensor. The following appears in the display: Clean machine ■ Touch the *OK* sensor. ■ Run the Clean machine programme using the Miele IntenseClean machine cleaner or a universal powder detergent. This will clean the washing machine and prevent a build-up of bacteria and odours.
i Check hot water intake	The water inlet for hot water is blocked or turned off. The programme was carried out using cold water. ■ Check whether the tap is turned on properly. ■ Check whether the inlet hose is kinked. ■ Check whether there is sufficient water pressure.

The messages will appear at the end of the programme and when the washing machine is switched on and need to be confirmed with the *OK* sensor.

Problem solving guide

Fault messages at the end of a programme

Problem	Possible cause and remedy
i Align the washing machine	The *Pre-ironing* Extra at the end of the programme could not be carried out properly. ■ Check whether the washing machine is aligned correctly (see "Installation – Levelling the machine"). ■ Check whether the maximum drain height of 1 m has been exceeded.
	If the fault message appears again, contact Miele. The washing machine can still be used, but without the *Pre-ironing* Extra.
i Check filter + jet	The pumps are dirty. ■ Clean the pumps as described in "Problem solving guide – Opening the door in the event of a blocked drain outlet and/or power cut". ■ Restart the programme after cleaning.
	The jet in the top of the door ring is blocked with fluff. ■ Remove the fluff with your finger. Do not use any sharp or pointed tools to do this. ■ Restart the programme after cleaning.
	If the fault message appears again, contact Miele. The washing machine can still be used but with reduced functionality.

The messages will appear at the end of the programme and when the washing machine is switched on and need to be confirmed with the *OK* sensor.

Messages or faults with the TwinDos system

Problem	Possible cause and remedy
i ① is almost empty. Only a few more programmes are possible	The detergent in the cartridge is running low. The remaining detergent is sufficient for another 4 to 8 wash programmes. ■ Order a new cartridge.
i TwinDos ① is empty. Check wash result	The cartridge is empty. ■ Replace the cartridge. ■ Check if the laundry is clean. There may not have been enough detergent. If there was not enough detergent, wash the laundry again.
i Use "TwinDos" or start Mainten. See 📖	TwinDos dispensing via compartment ① and/or ② has not been used for a long time. ■ Use TwinDos for one of your next loads. ■ Carry out the TwinDos maintenance programme as described in "Cleaning and care – TwinDos maintenance".
⚠ TwinDos Mainten. for comp. ① and ② must be started. See 📖	TwinDos dispensing via compartment ① and/or ② has not been used for a long time. It is possible that detergent has dried inside the hoses. ■ **Immediately** carry out the TwinDos maintenance programme as described in "Cleaning and care – TwinDos maintenance".
The messages shown on this page are examples. They may differ depending on whether they refer to compartment ① or ②.	

The messages will appear at the end of the programme and when the washing machine is switched on and need to be confirmed with the *OK* sensor.

Problem solving guide

Messages or faults with the TwinDos system

Problem	Possible cause and remedy
No detergent was dispensed during the main wash.	TwinDos is deactivated. ■ Before the next wash programme, ensure that the *TwinDos* sensor is lit up.
	Detergent is not dispensed even though the *TwinDos* sensor is lit up. ■ Try again. ■ If detergent is still not dispensed, call Miele.
A new detergent cartridge has been inserted, but the cartridge is identified as empty when the machine is switched on.	The washing machine was switched off when the detergent cartridge was replaced. ■ Switch on the washing machine. ■ Remove the detergent cartridge and then reinsert it into the compartment. The counter is set to 0.

General problems with the washing machine

Problem	Possible cause and remedy
The washing machine smells.	The Hygiene info was ignored. When washing, a wash programme using a temperature above 60°C has not been run for a long time. ■ Run the *Clean machine* programme using the Miele IntenseClean machine cleaner or a universal powder detergent. This will clean the washing machine and prevent a build-up of bacteria and odours.
	The detergent dispenser drawer was left closed after washing. ■ Leave the detergent dispenser drawer slightly open to allow it to dry.
The machine shakes during the spin cycle.	The machine feet are not level. ■ Level the machine and adjust the feet correctly.
The laundry has not been spun properly and the laundry is still wet.	The machine detected an imbalance during the final spin and reduced the spin speed automatically. ■ Include both large and small items in the load as this will give better distribution.
The pump makes strange noises.	This is not a fault. These slurping noises occur at the end of the pump sequence as a normal part of operation.
The display is in a different language.	A different language has been selected in "Settings / Language ⚑". ■ Set the language you want. The flag symbol will guide you.

Problem solving guide

General problems with the washing machine

Problem	Possible cause and remedy
Large amounts of detergent residue remain in the detergent dispenser drawer.	The water pressure is too low. ■ Clean the filter in the water inlet. Please note that the water pressure must be at least 100 kPa (1 bar). ■ It may be useful to select the *Water* + Extra.
	Powder detergent used with water softeners can be sticky. ■ Clean the detergent dispenser drawer and in future add washing powder 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 up. ■ Clean the siphon (see "Cleaning and care - Cleaning the detergent dispenser drawer").
At the end of the programme there is still liquid in the capsule.	The small pipe in the detergent dispenser drawer onto which the capsule is placed is blocked. ■ Clean the small pipe.
	This is not a fault. For technical reasons, a small amount of water will remain in the capsule.
There is water in the fabric softener compartment next to the capsule.	The CAP sensor was not activated. ■ Activate the CAP sensor when a capsule is next used.
	An empty capsule was not removed at the end of the last wash programme. ■ Remove and dispose of the empty capsule at the end of each programme.
	The small pipe in the detergent dispenser drawer onto which the capsule is placed is blocked. ■ Clean the small pipe.

An unsatisfactory wash result

Problem	Possible 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 the Miele 2 Phase System. The targeted addition of UltraPhase 2 during the wash process removes stains effectively. ■ Use a general purpose powder detergent containing a bleaching agent.
Grey, greasy particles cling to washed laundry.	Insufficient amounts of detergent were used to break down the particles of grease in heavily soiled laundry. ■ Use more detergent or liquid detergent. ■ Before washing the next load, run the *Clean machine* programme using the Miele IntenseClean washing machine cleaner or a powder detergent.
White residues which look like powder detergent are seen on dark textiles after washing.	The detergent contained compounds (zeolites) to aid water softening which are not soluble in water. These have ended up on the laundry. ■ Try and brush off the residues with a soft brush once the laundry is dry. ■ Wash dark textiles using a detergent which does not contain zeolites. Liquid detergents usually do not contain zeolites. ■ Use the *Dark garments/Denim* programme.

Problem solving guide

The door will not open

Problem	Possible cause and remedy
The door cannot be pulled open during a programme.	The drum is locked during a programme. ■ Follow the instructions in "6. Starting the programme – Adding laundry during a programme sequence".
Extra cooling **appears in the display after a programme has been cancelled.**	For safety reasons, the door cannot be opened if the suds temperature is higher than 55°C. ■ Wait until the temperature in the drum has decreased and the message has gone out in the display.
The following appears in the display: ⚠ 📞 Service Door release fault F35	The door lock has jammed. ■ Call Miele.

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

■ Switch off the washing machine.
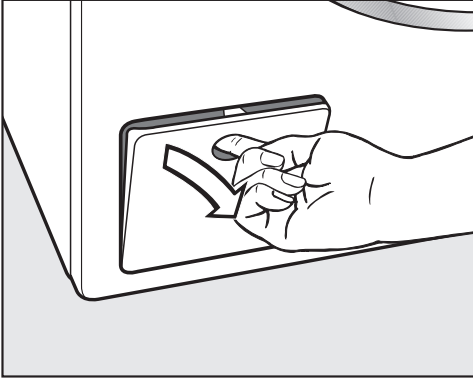
■ Open the access panel for the drain pump.

Blocked drain outlet

If the drain outlet is blocked, a larger quantity of water can remain 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.

Procedure for draining the machine

When removing the drain filter, do not remove it completely.

■ Place a suitable container under the access panel, e.g. a universal oven tray.
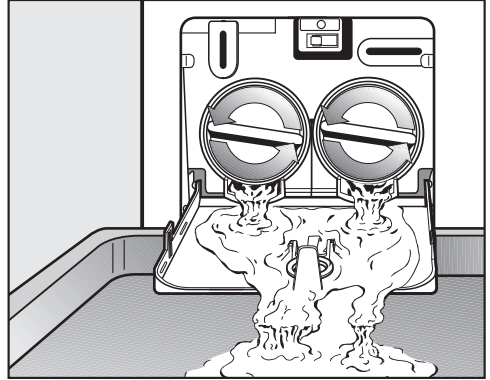
■ Slowly and carefully unscrew the filters until water runs out. Be careful not to release too much water at once. If the flow of water is too strong, some water can seep into the machine base and activate the water protection system. This will prevent the machine from functioning.

■ To interrupt the flow of water, tighten the filters again.

Once the flow of water ceases:
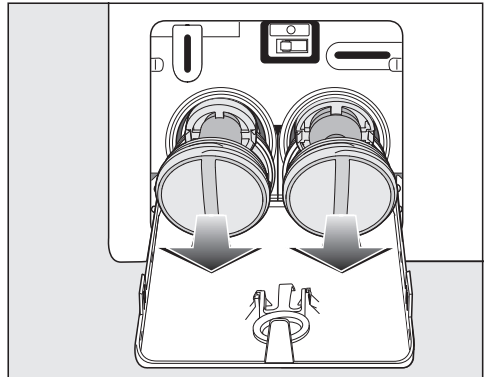
■ Remove the filters completely.

Problem solving guide
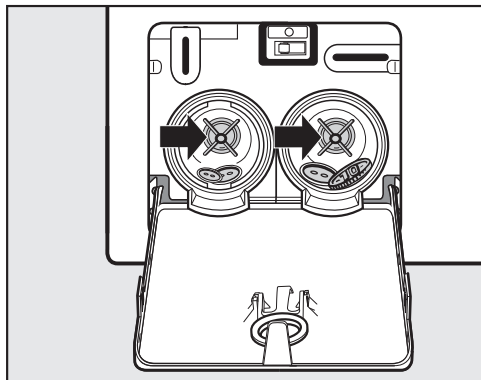
■ Clean the filters thoroughly.

■ Remove any foreign objects (e.g. buttons, coins etc.) and clean the interior. Turn the impellers by hand to check that they rotate freely.
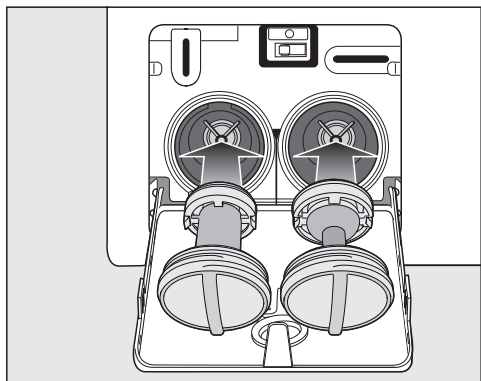
■ Replace the filters correctly (on the right and left) and tighten them.

■ Close the access panel for the drain pump.

⚠ Risk of water damage.
Make sure the drain filters are securely tightened. Otherwise there is a risk of water leakage during use.
Replace the drain filters correctly and tighten them securely.
Close the access panel for the drain pump.

Opening the door

⚠ Danger of injury due to rotating drum!
Reaching into a moving drum is extremely dangerous. Danger of injury!
Always make sure that the drum is stationary before reaching in to remove laundry.
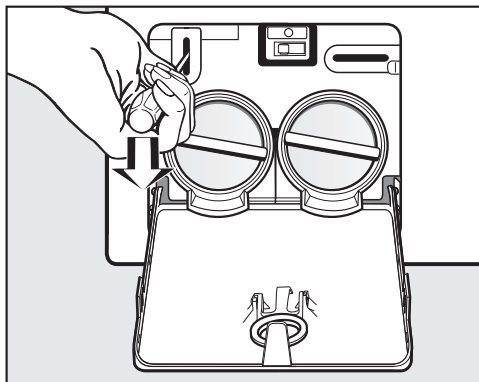
■ Use a screwdriver to unlock the door of the machine as shown.

■ Pull open the door.

You can find information on how to remedy faults yourself and about Miele spare parts at www.miele.com/service.

Contact in case of fault

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

You can book a Miele customer service call-out online at www.miele.com.au/service or www.miele.co.nz/service.

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

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

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

Optional accessories

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

Warranty

The manufacturer's warranty for this appliance is 2 years.

For further information, please refer to your warranty booklet.
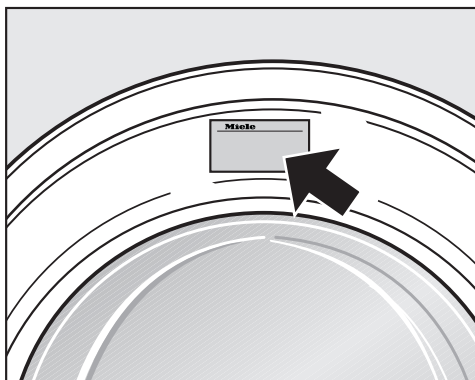
Installation

Front view
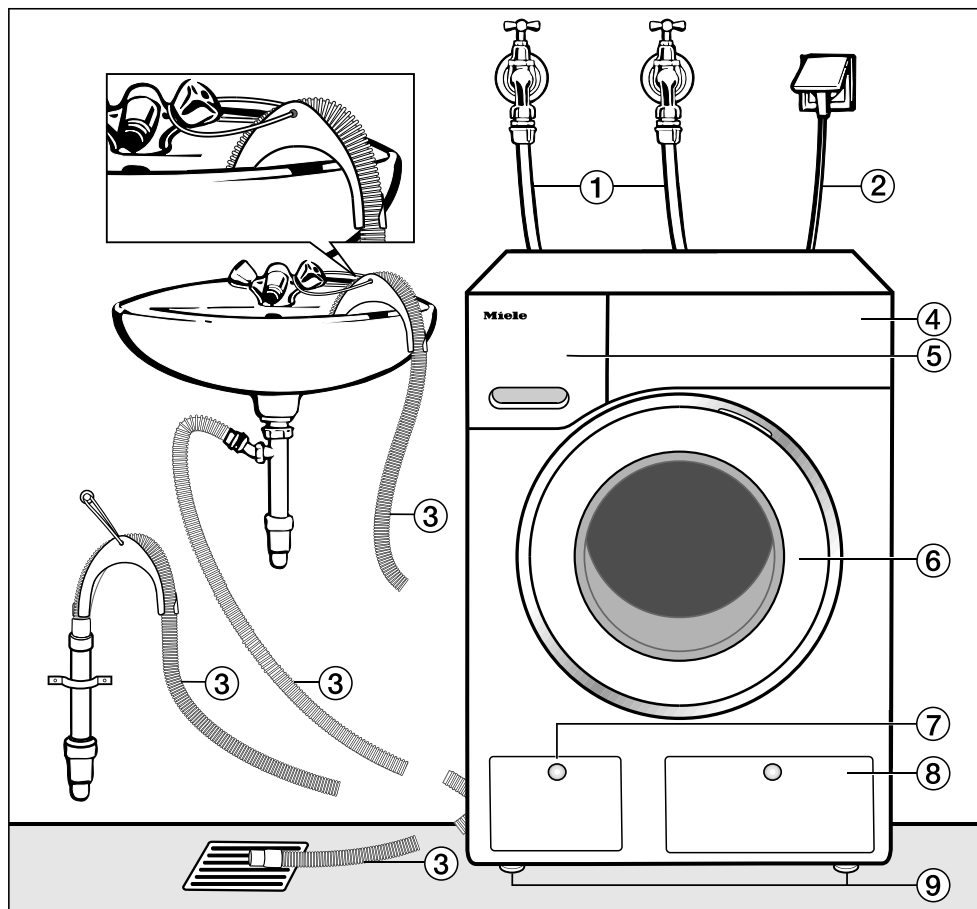
① Cold and hot water inlet hoses (tested to withstand pressures up to 7000 kPa)

② Electrical connection

③ Flexible drain hose (with detachable swivel elbow)

④ Control panel

⑤ Detergent dispenser drawer

⑥ Door

⑦ Access to filters, pumps and emergency release

⑧ Access panel for TwinDos cartridges

⑨ Four height-adjustable feet

Rear view
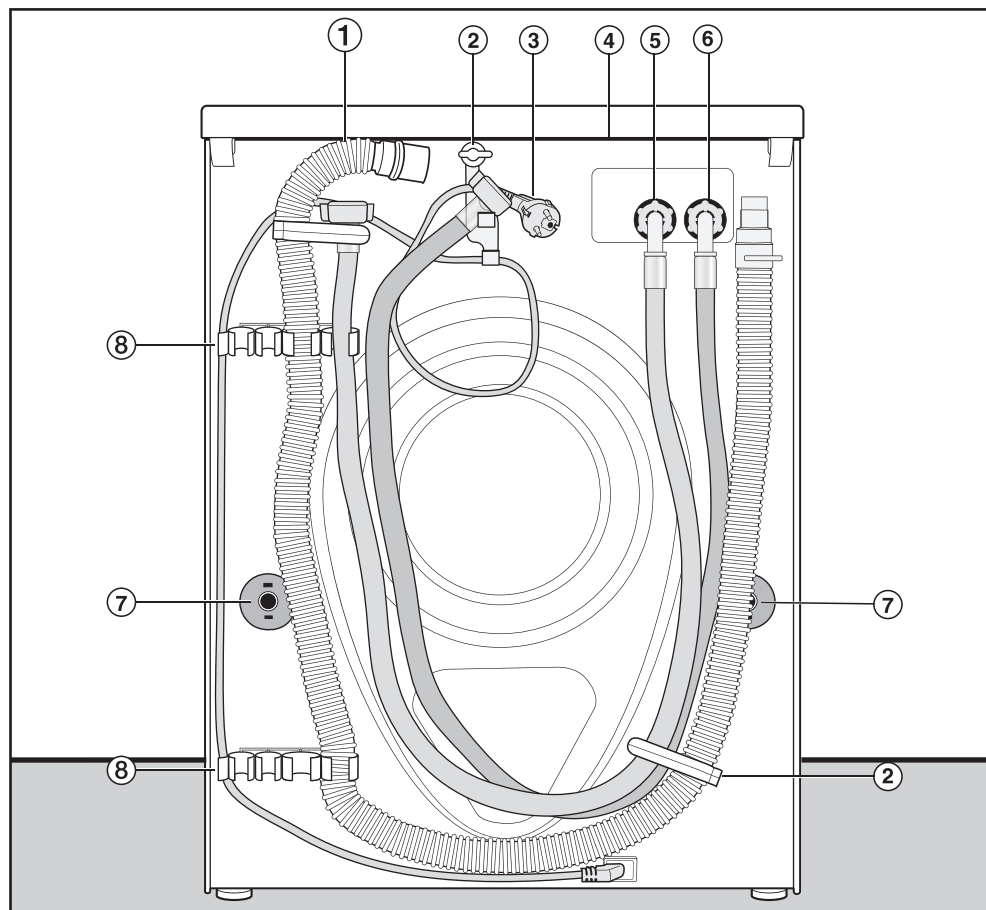
① Drain hose

② Transport clips for inlet and drain hoses and mains connection cable

③ Electrical connection

④ Protruding lid for holding when moving the machine

⑤ Cold water inlet hose (tested to withstand pressures up to 7000 kPa)

⑥ Hot water inlet hose (tested to withstand pressures up to 7000 kPa)

⑦ Safety caps for transit bars

⑧ Transport clips for inlet and drain hoses and for storing transit bars when not in use

Installation

Installation surface

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

Please note:

■ The machine must be level and securely positioned.

■ To avoid vibrations during spinning, the machine should not be installed on soft floor coverings.

If installing on a wooden joist floor:

■ Install the machine on a plywood base (at least 59 x 52 x 3 cm). The base should span several joists and be bolted to the joists and not only to the floorboards. Check for the presence of pipes and cables first.

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

Transporting the washing machine to its installation site

⚠ Danger of injury due to unsecured lid.
Make sure the fixings at the back of the lid are secure. They may become brittle due to external circumstances. There is a danger of the lid being pulled off when carrying the appliance.
Before carrying the appliance, check that the lid is secure where it protrudes at the back.

■ Carry the washing machine by the front feet and by the lid where it protrudes at the back of the appliance.

Removing the transit bars

Removing the left transit bar
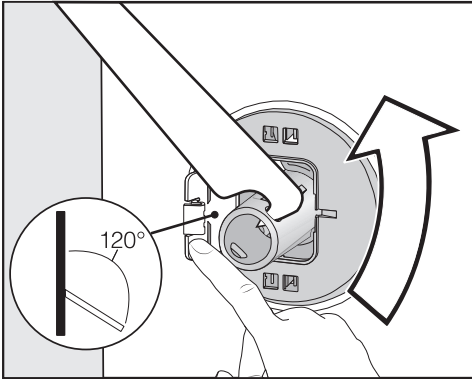
■ Push the flap outwards and turn the transit bar 90° using the enclosed spanner.
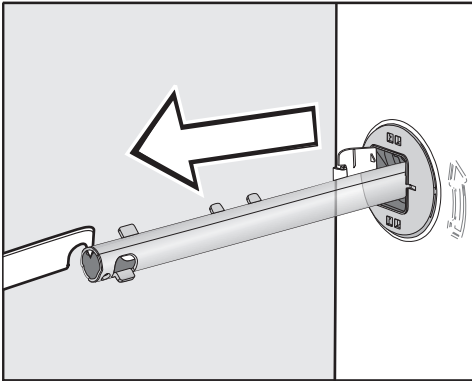
■ Then pull the transit bar out.

Removing the right transit bar
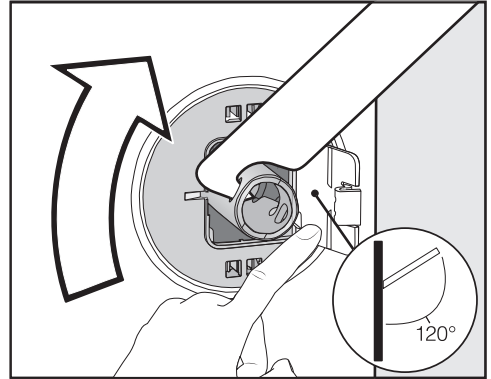
■ Push the flap outwards and turn the transit bar 90° using the enclosed spanner.
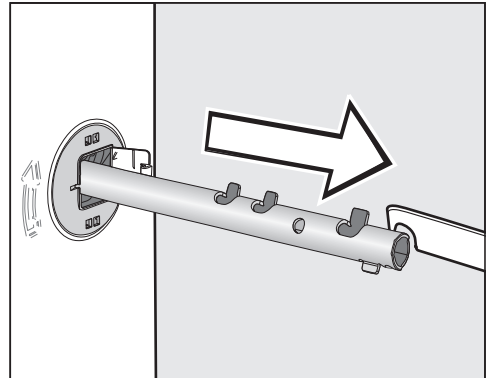
■ Then pull the transit bar out.

Installation

Covering the holes

⚠ Risk of injury from sharp edges!
There is a risk of injury from reaching into holes that are not covered.

To avoid the risk of injury, the holes for the transit bars must be covered after the transit bars have been removed.
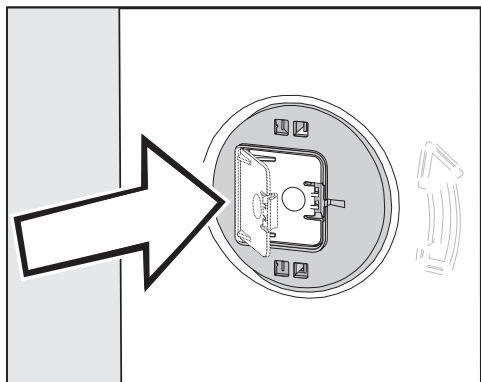
■ Press the flaps firmly shut until they click into place.

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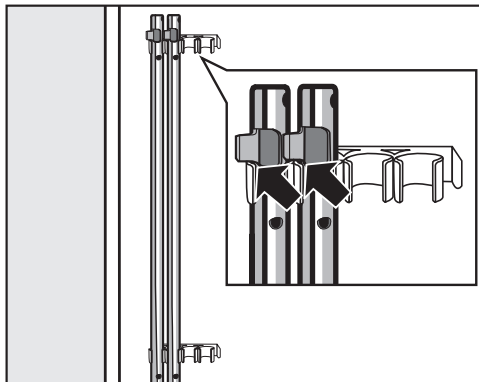
■ Secure the transit bars to the back of the washing machine. Make sure that the top catch is located above the holder.

⚠ 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 flaps
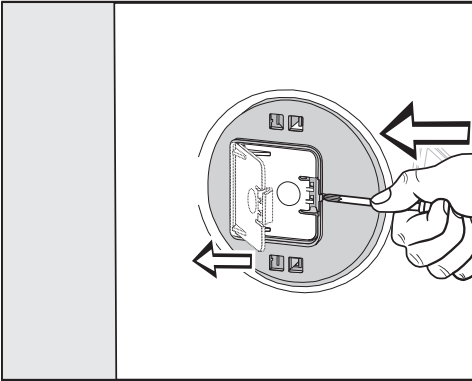
■ Push against the catch with a pointed object, e.g. a narrow screwdriver.

The flap will open.

Fitting the transit bars

■ Install the transit bars in reverse order to their removal.

Useful tip: If you lift the drum slightly, the transit bars can be pushed in more easily.

Installation

Levelling the machine

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

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

Screwing out and adjusting the feet

The four adjustable screw feet are used for levelling the washing machine. All four feet are screwed in when the appliance is delivered.
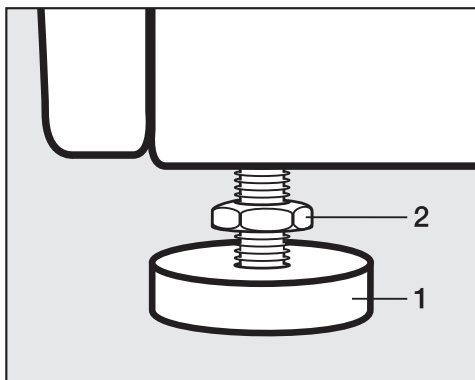
■ Using the spanner supplied, turn counter nut **2** in a clockwise direction. Then turn counter nut **2** together with foot **1** to unscrew.
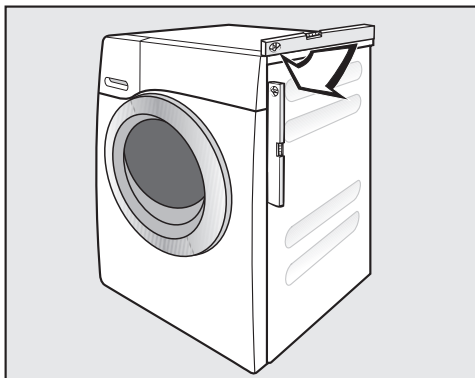
■ Use a spirit level to check that the washing machine is standing level.

■ Hold foot **1** securely with a pipe wrench. Turn counter nut **2** again using the spanner supplied until it sits firmly up against the housing.

⚠ 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 four 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 worktop if there is space to do so.

Plinth

The washing machine can be installed on a plinth with drawer (please note the plinth may not be available in all countries).

The plinth must be purchased as a pair and secured to the second plinth supporting another tumble dryer or washing machine.

Washer and dryer stack

A Miele tumble dryer can be stacked with the washing machine. The appropriate "WTV" stacking kit* to match your tumble dryer is required.

All parts marked * are available from Miele.

Please note:
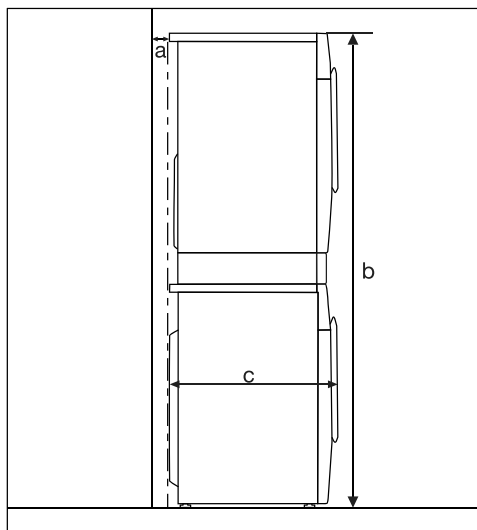
a = at least 2 cm

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

c = 65 cm

Installation

The Miele water protection system

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

The system consists of three main components:

- the inlet hose

- the electronic unit and drainage and overflow protection

- the drain hose

Inlet hoses

- Protection against the hoses bursting The inlet hoses are tested to withstand pressures up to 7000 kPa.

Electronic unit and machine housing

- Sump: any leaking water from the washing machine is collected in the floor tray. There is a float switch to close the water intake valve. The water inlet is shut off and any water inside the suds container is drained away.

- Leak protection: any leaking water that is not collected in the sump is detected. The water inlet is shut off and any water inside the suds container is drained away.

- Overflow protection: this prevents the washing machine from taking in too much water and overflowing. If the water level exceeds a certain level, the drain pump switches on and pumps the excess water away in a controlled way.

Drain hose

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

Connection to the water supply

⚠ Health risk and risk of damage due to contaminated mains water.
The quality of the water used must correspond to the drinking water specification of the country in which the washing machine is being operated.
Always connect the washing machine to potable water.

The washing machine must be connected to a mains water supply in accordance with current local and national safety regulations.

The water connection pressure needs to be between 100 kPa (1 bar) and 1000 kPa (10 bar). If the water connection pressure exceeds 1000 kPa, a pressure reducing valve must be installed.

A tap with a ¾ inch threaded union is required for the connection.

The screw thread is subject to water connection pressure.
Check that the connection is leakproof. Slowly turn on the tap. Correct the position of the seal and screw thread if necessary.

Maintenance

Only use a genuine Miele hose should you ever need a replacement. These are tested to withstand pressures up to 7000 kPa.

⚠ A filter is located in the open end of the inlet hose and another in the intake point to protect the inlet valve.
The filters must remain in place, and be replaced after cleaning.

Hose extension

Longer hoses 2.5 m or 4.0 m in length are available from Miele as optional accessories (depending on country).

Installation

This washing machine can be operated with cold mains water only or cold and hot water.

⚠ Damage caused by incorrect water connection.

Connection to hot water only is not permitted. The washing machine requires a cold water connection when operating with hot water in order to control the temperature of the wash water.

Always connect the washing machine to cold mains water.

Programming the washing machine for hot water operation is described in "Settings - Water intake".

Markings of water intake hoses

Cold water (tap water)	=	Blue stripes
Hot water	=	Red stripes

Cold water (default setting)

The washing machine will be operated with cold mains water only.

The other inlet hose is secured to the back of the washing machine.

Hot water

- The preferred temperature is 55°C. The temperature must not exceed 60°C. Consult a qualified plumber if the temperature exceeds 60°C.

- You can heat up your water with cheaper, primary energy sources, e.g. gas, solar power, oil.

- Before connecting to the mains water tap, check that the outflow of cold water does not exceed 5 litres. Each additional litre of cold water reduces the energy efficiency.

- If the hot water tap is turned off for some time, the washing machine will automatically switch to the cold water connection. This safety measure is not intended for the permanent operation of the appliance. The washing machine continues to wash using hot water operation, but washing results are impaired.

Drainage

The suds are drained through a drain pump with a 1 m high delivery head. For the water to drain freely, the hose must be free of kinks.
If required, the hose can be extended to a length of up to 5 m. The necessary parts can be ordered from Miele (depending on country).

For a delivery head of more than 1 m (up to a max. of 1.8 m), a replacement drain pump will need to be fitted. Please contact Miele for advice.
For a delivery head of 1.8 m, the hose can be extended to a length of up to 2.5 m. The necessary parts can be ordered from Miele (depending on country).

Drain hose connection options

1. Directed into a laundry trough or tub or into the sud-saver pipe of a laundry trough or tub.

   Please note:

   – Hook the hose over the edge and secure it.

   – Make sure that the water can drain away freely without hindrance. Otherwise there is a risk of water overflowing or of some of the drained water being sucked back into the machine.

2. Connected securely to a trapped waste pipe.

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

Using the elbow

To prevent the drain hose from slipping, use the enclosed elbow.
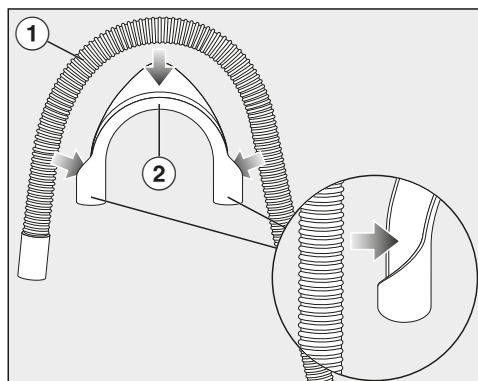
■ Attach the elbow ② to the drain hose ①.
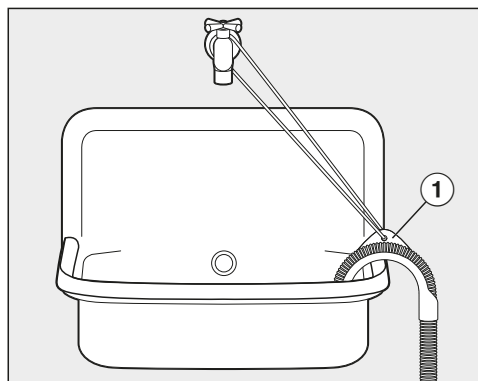
■ Hang the drain hose over the sink.

■ Secure the elbow from slipping using a strap and the eyelet ①.

Installation

Direct connection to a sink drain outlet
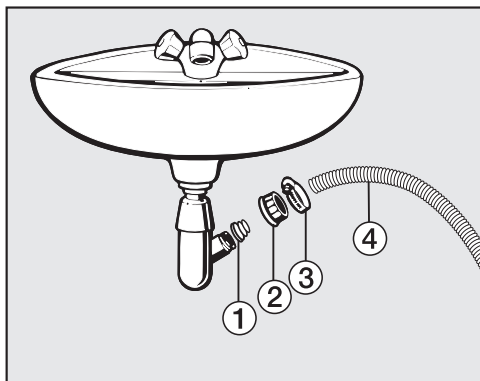
① Adapter

② Washbasin nut

③ Hose clip

④ End of the hose

- Fit the adapter ① to the sink drain outlet using the nut ②.

- Attach the end of the hose ④ to the adapter ①.

- Use a screwdriver to tighten the hose clip ③ up close to the nut.

Electrical connection

The washing machine is supplied with a mains cable with moulded plug ready for connection to a switched socket.

The socket should be easily accessible after the machine has been installed. If the switch is not accessible after installation, an additional means of disconnection must be provided for all poles.

⚠ Risk of fire from overheating!
Connecting the washing machine to a multi-socket plug adapter or to an extension lead can overload the cable.
Do not use an extension lead or multi-socket plug adapter.

All electrical work must be carried out by a suitably qualified and competent person, in strict accordance with national and local safety regulations.

For extra safety, it is advisable to install a suitable residual current device (RCD) with a trip current of 30 mA. Ensure power is not supplied to the appliance until after the installation has been completed.

If the mains connection cable is damaged, it must only be replaced with a specific mains connection cable of the same type (available from Miele). For safety reasons, such replacement may only be carried out by a suitably qualified and competent technician or by a Miele authorised service technician, in order to avoid a hazard.

The data plate indicates the nominal power consumption and the appropriate fuse rating. Compare this information with the data of the on-site electrical connection.
If in any doubt, consult a qualified electrician.

Temporary or permanent operation with a self-sufficient or non-mains synchronous energy supply system (e.g. isolated networks, back-up systems) is possible. A requirement for the operation is that the energy supply system complies with all current local and national requirements that apply to stand-alone, solar and/or battery systems.
The protective measures provided in the domestic installation and in this Miele product must also be assured in their function and operation in isolated operation or in non-mains synchronous operation, or replaced with equivalent measures in the installation.

Consumption data

Programmes		Load kg	Energy kWh	Water Litres	Duration h:min	Temperature[1] °C	Residual moisture %	Speed rpm
Cottons	60	9.0	1.45	65	2:29	55	50	1600
	20	9.0	0.45	75	3:09	20	50	1600
Minimum iron	30	4.0	0.60	57	1:59	30	30	1200
Express 20[2]	40	3.5	0.33	30	0:20	26	60	1200
Woollens 🧶	30	2.0	0.23	35	0:39	–	–	1200
QuickPowerWash	40	4.0	0.58	40	0:49	–	–	1600

1 Maximum laundry temperature reached in main wash.

2 *Quick* Extra activated

Information for customers:

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

The consumption data displayed in Feedback can vary from the consumption data listed in the consumption data chart. Variations occur due to component tolerances and on-site conditions, e.g. mains water pressure fluctuations, mains voltage and mains voltage fluctuations.

Technical data

Height	850 mm
Width	596 mm
Depth	643 mm
Depth with door open	1077 mm
Height for building under	850 mm
Width for building under	600 mm
Weight	Approx. 95 kg
Capacity	9.0 kg dry laundry
Supply voltage	See data plate
Rated load	See data plate
Fuse rating	See data plate
Consumption data	See "Consumption data"
Minimum water flow pressure	100 kPa (1 bar)
Maximum water flow pressure	1000 kPa (10 bar)
Water inlet hose length	1.60 m
Drain hose length	1.50 m
Mains connection cable length	2.00 m
Drain pump head height max.	1.00 m
Drain pump length max.	5.00 m
LEDs	Class 1
Test certifications awarded	See data plate
Power consumption when switched off	0.40 W
Networked standby	0.80 W
Frequency band	2.4000 GHz – 2.4835 GHz
Maximum transmission power	< 100 mW

Settings

You can use the settings to alter the machine's electronics to suit changing requirements.

Settings can be altered at any time.

Calling up settings
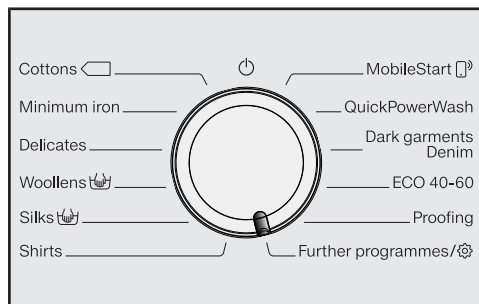
■ Turn the programme selector to the *Further programmes/*⚙ position.

■ Touch the ∨∧ sensors until the following appears in the display:

■ Confirm with the *OK* sensor.

You are now in the *Settings* submenu.

Selecting settings

■ Touch the ∨∧ sensors until the setting you want appears in the display.

- The ∨ sensor scrolls down the list.

- The ∧ sensor scrolls up the list.

■ Touch the *OK* sensor to select the setting displayed.

Changing a setting

■ Touching the ∨∧ sensors will call up the different options for the setting.

The option that is selected will have a tick ✓ next to it.

■ Touch the *OK* sensor to activate the required option in the display.

Closing the settings menu

■ Turn the programme selector.

Language⚐

The display can be set to appear in one of several different languages.

The ⚐ flag after the word Language acts as a guide in case a language which is not understood has been set.

The language selected is saved.

TwinDos

You can set the type of detergent and dispensing quantities and check the fill level of the UltraPhase 1 and UltraPhase 2 cartridges.

Change dosage

The values set for dispensing detergent from compartments ① and ② can be checked and corrected.

Check level

This function is only available when UltraPhase 1 and 2 are being used.

The level is displayed in a bar chart.

The display only works correctly when the following conditions are met:

1. New (full) cartridges are used.

2. The cartridges must not be removed from the washing machine before they need replacing.

Select detergent

If you wish to use your own detergent with the TwinDos function instead of UltraPhase 1 and 2, you will need to purchase the TwinDos refill cartridge separately (optional accessory).

UltraPhase 1 and 2 can only be dispensed as a package. If a different detergent is selected, the setting for the other compartment is automatically deleted.

The following detergents can be used:

- Universal

- Delicates

- Delicates/Woollens

- Fabric softener

- No agent

Follow the manufacturer's instructions on dosage given on the packaging.

■ The dosage amount required for the detergent being used must be set. Follow the instructions in the display on how to do so.

Useful tip: If you select No agent, the respective TwinDos compartment will be deactivated.

Settings

Degree of soiling

You can specify the level of soiling that is preset for the ⛺ sensor.

Options:

- Light
- Normal **(factory setting)**
- Heavy

Buzzer volume

The buzzer sounds to let you know the programme has finished. The buzzer can be set to be louder or quieter.

Options

- Off
- ■▭▭▭▭▭ (quiet)
- ■■■■■■■ (loud) (factory setting)

Keypad tone

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

Options

- Off
- ■▭▭▭▭▭ (quiet)
- ■■■■▭▭▭ (factory setting)
- ■■■■■■ (loud)

Welcome tone

The volume for the welcome tone can be set to one of 7 different settings.

Options

- Off
- ■▭▭▭▭▭▭ (quiet)
- ■■■■▭▭▭ (factory setting)
- ■■■■■■ (loud)

Consumption

In this setting you can check the saved energy and water consumption values.

Options

- Previous programme
  Shows the consumption for the last wash programme carried out.

- Total consumption
  Shows the total of the energy and the total of the water used by the previous programmes.

- Reset function
  The energy consumption and water consumption totals are reset to zero.

Code

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

Options

- <u>Activate</u>
  If you activate the code, you have to enter a code after switching the washing machine on. Otherwise it cannot be operated.
  The factory default code is 125.

- <u>Change</u>
  You can set a different three-digit code.

  ⚠ Do not forget the code you have set.
  If you forget the code, only a Miele service technician can unlock the washing machine.
  Important! Make a note of your new code.

- <u>Deactivate</u>
  The washing machine is to be operated again without entering a code. This only appears if the code has been activated previously.

Units

The temperature can be displayed as degrees Celsius (°C) or Fahrenheit (°F).

The factory setting is Celsius (°C).

Brightness

You can set the brightness of the display, the sensors, and the dimmed sensors.

Options

- <u>Display</u>
  Controls the brightness of the display.

  – ■======❒ (dark)

  – ■■■■■■■ (bright) (factory setting)

- <u>Sensors active</u>
  Controls the brightness of the activated sensors.

  – ■======❒ (dark)

  – ■■■■==❒ (factory setting)

  – ■■■■■■■ (bright)

- <u>Sensors inactive</u>
  Controls the brightness of the sensors that can be activated.

  – ■======❒ (dark)

  – ■■■■==❒ (factory setting)

  – ■■■■■■■ (bright)

Useful tip: Ensure that there is a discernible difference in brightness between the activated and dimmed sensors. A big difference in brightness makes it easier to operate the appliance.

Settings

Disp. switch-off stat.

The display and the sensor control lighting is switched off to save energy. The Start/Add laundry sensor flashes slowly.

Options

- On (factory setting)
  The lighting switches off after 10 minutes.

- On (not current pr.)
  The lighting remains switched on throughout the programme. The lighting switches off 10 minutes after the programme has ended.

- Off
  The lighting remains switched on.

Programme info

You can select the information that will be displayed temporarily in the display after a programme has been selected.

Options

- Programme name
  The programme name is shown in the display for several seconds.

- Prog. & max load (factory setting)
  The programme name and the maximum load are shown in the display for several seconds.

- Off
  Directly after the programme has been selected, the standard display is shown with temperature, spin speed, and programme duration.

Memory

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

When the programme is selected again, the saved settings will appear in the display.

Memory is deactivated as standard.

Water intake

You can programme the washing machine to hot water operation.

Options

- Cold water (factory setting)
  The washing machine will be operated with cold water only.

- Hot water ⌐II⌐
  If the wash temperature exceeds 30°C, the wash temperature in the main wash is achieved by mixing cold and hot water.

Long p-wash Cotton

If you require a longer pre-wash, you can extend the standard pre-wash time of 25 minutes.

Options

- No increase (factory setting)
  25-minute pre-wash.

- + 6 min
  31-minute pre-wash.

- + 9 min
  34-minute pre-wash.

- + 12 min
  37-minute pre-wash.

Soak duration

You can set a duration for the soak process of between 30 minutes and 6 hours.

A duration can be selected in 30-minute increments. When the *Soak* Extra is selected, the laundry will be soaked for the duration selected.

A duration of 0:30 h is set as standard.

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.

Gentle action is deactivated as standard.

Temp. reduction

At high altitudes water has a lower boiling point. Miele recommends activating the reduced temperature setting at altitudes of 2000 m or above to prevent water from boiling. The maximum temperature is reduced to 80°C even if a higher temperature is selected.

The reduced temperature setting is deactivated as standard.

Water plus level

There are 4 different water levels which can be selected for the *Water +* Extra.

Levels

- Normal (factory setting)
- Plus ◊
- Plus ◊◊
- Plus ◊◊◊

Settings

Water plus

You can select which function is incorporated into the *Water* + Extra.

Options

- <u>Extra water</u> (factory setting)
  The water level is increased in the wash and rinse stages of the programme.

- <u>Extra rinse</u>
  An additional rinse cycle is carried out.

- <u>Extra water + rinse</u>
  The water level is increased in the wash and rinse stages and an additional rinse cycle is carried out.

Maximum rinse level

Important for allergy sufferers as an excellent rinsing result is achieved.

The water level in the rinse cycles can be permanently set to the highest value. The water consumption will be increased.

The maximum rinse level is deactivated as standard.

Suds cooling

Additional water flows into the drum at the end of the main wash to cool the suds down. Hot suds can damage plastic drainage pipes.

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

Suds cooling must be activated:

- to prevent the danger of scalding if the drain hose is hooked over the edge of a laundry tub or trough.

- where the drainage pipes are rated less than 70°C.

Suds cooling is deactivated as standard.

Low water pressure

If the water pressure is below 100 kPa (1 bar), the programme will be cancelled and the fault message Water intake. See 📖 will appear.

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

Low water pressure is deactivated as standard.

Anti-crease

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

The drum continues to turn at intervals for up to 30 minutes at the end of the programme. The washing machine door can be unlocked at any time by touching the *Start/Add laundry* sensor and then opened.

Anti-crease is deactivated as standard.

Miele@home

Control the networking of your washing machine with your Wi-Fi network.

The following points may appear in the submenu:

Set up

This message only appears if the washing machine has not yet been connected to a Wi-Fi network.

Please refer to "Before using for the first time" for instructions on how to set up the connection.

Deactivate (visible if Miele@home is activated)

Miele@home remains set up, the Wi-Fi function is switched off.

Activate (visible if Miele@home is deactivated)

The Wi-Fi function is reactivated.

Connection status (visible if Miele@home is activated)

The following values are displayed:

- the quality of the Wi-Fi reception

- the network name

- the IP address

Set up again (visible if set up)

Resets the Wi-Fi login (network) to immediately re-establish a new connection.

Reset (visible if set up)

- The Wi-Fi is switched off.

- The Wi-Fi connection will be reset to the factory setting.

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 you have removed all personal data and, in the case of the latter, the previous owner can no longer access the washing machine.

A new connection set-up has to be carried out in order to use the Miele@home setting again.

Settings

Remote control

The Remote control setting is only visible if the Miele@home setting is set up and activated.

Once the Miele App has been installed on your mobile device, you can 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 Remote control setting if you do not want to operate the washing machine with your mobile device.

If Remote control is not switched on, the App can cause the programme to be cancelled.

Use the Delay start function to set a timeframe within which you want the washing machine to start (see "Delay start/SmartStart").
The washing machine will then start within the timeframe 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.

Remote control is activated as standard.

SmartGrid

The SmartGrid setting (available depending on country) is only visible if the Miele@home setting is set up and activated.

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

Activating SmartGrid gives the *Delay start* sensor a new function. Use the Delay start sensor to set the SmartGrid. 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").

SmartGrid is deactivated as standard.

RemoteUpdate

The RemoteUpdate menu option is only displayed and can only be selected if the requirements for using Miele@home have been met (see "Before using for the first time – Miele@home").

The RemoteUpdate function is used for updating 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.

Activating/Deactivating

RemoteUpdate 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.

Running a RemoteUpdate

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

A message will appear in your washing machine display if a software 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 wish to install updates.

The update can 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 a Miele service technician.

Settings

Copyright and licences for the communication module

For the purpose of operating and controlling the communication module, Miele uses proprietary or third-party software that is not covered by open source licensing terms. These items of software/software components are protected by copyright. The copyright powers of Miele and third parties must be respected.

In addition, the communication module contains software components which are distributed under open source licensing terms. The open source components contained in the appliance along with the corresponding copyright notices, copies of the licensing terms valid at the time, and any further information can be accessed locally via IP using a web browser *(http://<IP address>/Licenses)*, where <IP address> is the IP address of the appliance. The liability and warranty arrangements for the open source licences displayed in this location only apply in relation to the respective rights holders.

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

These and many other products can be ordered from shop.miele.com, Miele directly or a Miele Experience Centre.

Detergent

Miele UltraPhase 1 and 2

- 2-component detergent for whites and colours
- For bright colours and brilliant white laundry
- Excellent stain removal even at low temperatures

UltraWhite (powder detergent)

- Best results at 20/30/40/60/95°C
- Radiant white laundry thanks to powerful formula with active oxygen
- Excellent stain removal even at low temperatures

UltraColor (liquid detergent)

- Best wash results at 20/30/40/60°C
- With colour-protection formula for brilliant colours
- Excellent stain removal even at low temperatures
- Also available as a powder detergent

Sensitive Skin (powder detergent)

- High quality detergent formulated for people with sensitive skin
- Contains no dyes and preservatives
- Most suitable for white or light coloured textiles

UltraDark (liquid detergent)

- For black and dark textiles
- With special colour-protection formula
- Anti-pilling effect protects your garments from discolouration
- Excellent stain removal even at low temperatures

WoolCare delicates detergent (liquid detergent)

- For wool, silks and delicates
- Special care complex based on wheat protein and with colour-protection formula
- Best wash results at 20/30/40°C

Detergents and care products

Specialist detergents ▢⬙

These specialist detergents are available as convenient single-use capsules.

Caps Sport

- For synthetic fabrics
- Neutralises odours thanks to built-in odour absorber
- Prevents static charge in clothes
- Retains the shape and breathability of synthetic fabrics

Caps DownCare

- For down-filled items
- Retains the elasticity and breathability of downs
- Lanolin for effective cleaning and gentle care
- Feathers do not stick together and stay fluffy

Caps WoolCare

- Woollens and delicates detergent
- Special care complex with wheat proteins
- Fibre protection technology to prevent felting
- Colour protection formula for gentle cleaning

Caps CottonRepair

- Special detergent for cotton fabrics
- Visibly renews fabric with just one wash
- Special Miele formula with Novozymes technology
- Removes pilling and renews colour intensity and brightness
- Depending on fabric do not use more than 1–2 times per year

Fabric care ⌐⊛

These fabric care products are available as convenient single-use capsules.

Caps Fabric Softener

- Fabric softener for freshly scented laundry

- Pure and thorough cleanliness with a fresh scent

- For cuddly soft laundry

- Prevents static charge in clothes

Additive ⌐△

The additive is available as a convenient single-use capsule.

Caps Booster

- Highly effective stain remover

- Enzyme technology to help remove stubborn stains

- Suitable for whites and colours

- For excellent wash results even at low temperatures

Machine care products

Descaling agent

- Removes heavy limescale deposits

- Mild and gentle with natural citric acid

- Gentle on heater elements, drum and other components

IntenseClean

- For hygienic cleanliness in washing machines

- Removes grease, bacteria and unpleasant odours

- Effective thorough cleaning

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