

# 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.

# Contents

---

<b>Caring for the environment</b> .....	6
<b>Warning and Safety instructions</b> .....	7
<b>Operating the washing machine</b> .....	14
Control panel .....	14
Display .....	16
Examples on how to operate the appliance .....	16
<b>Before using for the first time</b> .....	17
1. Setting the language .....	17
2. Removing the transit bars .....	18
3. Starting the calibration programme.....	18
<b>Washing environmentally and economically</b> .....	19
<b>1. Preparing the laundry</b> .....	20
<b>2. Selecting a programme</b> .....	21
<b>3. Loading the washing machine</b> .....	22
<b>4. Selecting programme settings</b> .....	23
PowerWash display with the Quick and Eco sensor controls .....	23
Selecting a temperature/spin speed .....	24
Selecting Extras.....	24
◇ Delay start .....	25
<b>5. Adding detergent</b> .....	26
Detergent dispenser drawer .....	26
CapDosing.....	28
<b>6. Starting the programme - the end of the programme</b> .....	30
<b>Spinning</b> .....	31
Final spin speed in the programme.....	31
Rinse and interim spin.....	31
Omitting the final spin (Rinse hold).....	31
Omitting rinse and interim spin and the final spin .....	31

---

<b>Programme chart</b> .....	32
<b>Extras</b> .....	37
SingleWash.....	37
Water + .....	37
Additional Extras can be selected using the “Extras” sensor control .....	38
Pre-wash .....	38
Soak .....	38
Intensive .....	38
Extra quiet .....	38
Extra gentle .....	38
AllergoWash .....	38
Wash programme chart - Extras .....	39
<b>Programme sequence</b> .....	40
PowerWash 2.0 .....	42
<b>Changing the programme sequence</b> .....	43
Cancelling a programme .....	43
Interrupting a programme.....	43
Changing a programme.....	43
Safety lock.....	44
Adding or removing laundry .....	44
<b>Garment care label symbols</b> .....	45
<b>Detergent</b> .....	46
The correct detergent.....	46
Detergent dispensing aids.....	46
Fabric softeners and liquid starch .....	46
Miele recommended detergents .....	48
<b>Cleaning and care</b> .....	50
Cleaning the drum (Hygiene info).....	50
External casing and fascia panel.....	50
Cleaning the detergent dispenser drawer .....	50
Cleaning the water inlet filter .....	52

# Contents

---

<b>Problem solving guide</b> .....	53
The programme does not start.....	53
Fault messages after a programme has been cancelled.....	54
Fault messages at the end of a programme.....	55
General problems with the washing machine .....	57
An unsatisfactory wash result .....	59
The door will not open.....	60
Opening the door in the event of a blocked drain outlet and/or power cut .....	61
<b>Service</b> .....	63
Contact in case of fault .....	63
Optional accessories.....	63
Warranty .....	63
<b>Installation and connection</b> .....	64
Front view .....	64
Rear view.....	65
Installation surface .....	66
Transporting the washing machine to its installation site.....	66
Removing the transit bars .....	66
Refitting the transit bars .....	68
Levelling the machine.....	69
Screwing out and adjusting the feet.....	69
Building under a continuous worktop / in a kitchen run.....	70
Washer and dryer stack .....	70
The Miele water protection system .....	71
Connection to the water supply .....	72
Drainage .....	73
Electrical connection .....	74
<b>Technical data</b> .....	75
<b>Consumption data</b> .....	76
Consumption data for the nominated energy labelling programme according to AS/NZS 2040.1 & AS/NZS 2040.2 .....	76

---

<b>Settings</b> .....	78
Calling up settings.....	78
Selecting settings.....	78
Changing a setting .....	78
Closing the settings menu.....	78
Language  .....	79
Buzzer volume.....	79
Keypad tone .....	79
Welcome tone .....	79
Code.....	80
Units .....	80
Brightness .....	80
Disp. switch-off stat. ....	81
Programme info .....	81
Memory .....	81
Long p-wash Cotton .....	81
Soak duration .....	82
Gentle action .....	82
Temp. reduction.....	82
Water plus .....	82
Water plus level .....	82
Maximum rinse level.....	83
Suds cooling.....	83
Low water pressure .....	83
Anti-crease .....	83
<b>Optional accessories</b> .....	84
Detergent.....	84
Specialist detergents.....	84
Fabric care.....	85
Additives.....	85
Machine care products.....	85

# 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.

## Warning and Safety instructions

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

To avoid the risk of accidents and damage to the machine, please read these instructions carefully before using it for the first time. They contain important information on its safety, use and maintenance.

Keep these instructions in a safe place and ensure that new users are familiar with the content. Pass them on to any future user.

### Correct application

- ▶ This washing machine is 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 connection” and “Technical data”.
- ▶ Before setting up the washing machine, check it for any externally visible damage. Do not install or use a damaged machine.
- ▶ Before connecting the washing machine, ensure that the connection data on the data plate (fuse rating, voltage and frequency) matches the mains electricity supply. If in any doubt, consult a qualified electrician.
- ▶ Reliable and safe operation of this washing machine can only be assured if it has been connected to the mains electricity supply.

## Warning and Safety instructions

---

- ▶ 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.
- ▶ 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 should 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 and connection - Removing the transit bars”). During spinning, a transit bar which is still in place may result in damage to both the machine and adjacent furniture or appliances.

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

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

## Warning and Safety instructions

---

- ▶ 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 8 kg (dry weight). See the “Programme chart” for the maximum recommended loads for individual programmes.
- ▶ If the correct amount of detergent is dispensed, the machine should not need to be descaled. If, however, you do wish to descale it, only use a proprietary natural citric acid based descaling agent. Miele recommends using Miele descaler for washing machines which is available to order online at [shop.miele.com](http://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 benzene, 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 benzene, 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.

## Warning and Safety instructions

---

- ▶ 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.

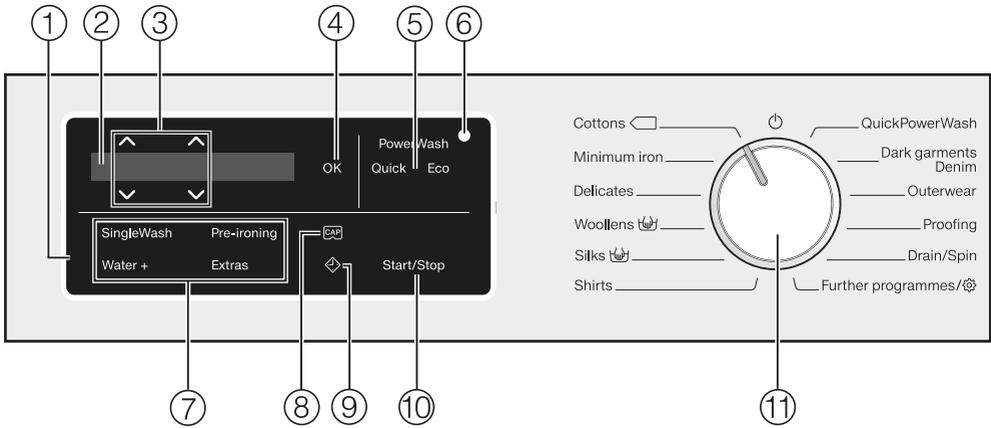
### Accessories

- ▶ Only use genuine Miele spare parts and accessories with this appliance. If spare parts or accessories from other manufacturers are used, this will invalidate the warranty, and Miele cannot accept liability.
- ▶ 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 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 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.

### ③ Sensor controls $\wedge \vee$

Values shown in the display can be changed with the  $\wedge \vee$  sensors. The  $\wedge$  sensor increases the value or moves the selection list up; the  $\vee$  sensor decreases the value or moves the selection list down.

### ④ OK sensor

Confirm selected values with the OK sensor.

### ⑤ PowerWash display with the Quick and Eco sensors

If the PowerWash indicator lights up when you select a wash programme, you can choose between three programme sequences. For further information, go to “4. Selecting programme settings”, section “PowerWash display with the Quick and Eco sensor controls”.

- PowerWash indicator: Normal programme sequence
- PowerWash indicator with Quick sensor: Short programme sequence
- PowerWash indicator with Eco sensor: Energy-saving programme sequence

## ⑥ **Optical interface**

For service technicians.

## ⑦ **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.

## ⑧ **Sensor**

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

## ⑨ **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.

## ⑩ **Start/Stop sensor**

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

## ⑪ **Programme selector**

This is used 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 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 choices is available.



Scroll down the list with the  $\nabla$  sensor. Scroll up the list with the  $\blacktriangle$  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  $\checkmark$  next to it.

## Setting numerical values



The numerical value is highlighted in white. Touching the  $\nabla$  sensor decreases the value. Touching the  $\blacktriangle$  sensor increases the value. The *OK* sensor is used to activate the value shown in the display.

### Leaving a submenu

Select *Back*  to exit a submenu.

## Before using for the first time

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

### Removing the protective foil and stickers

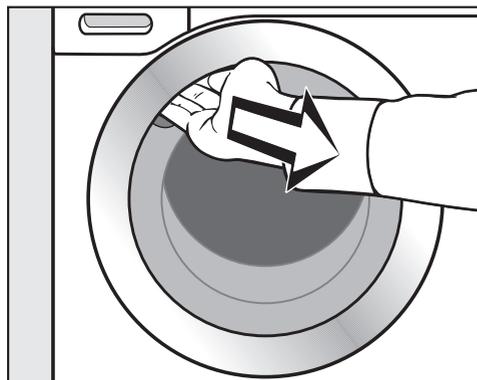
- Please remove
  - the protective foil from the door.
  - any stickers from the front and the lid (Exception: warning labels must not be removed).

⚠ 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.

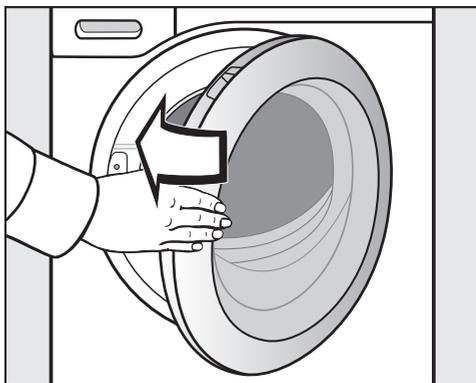
### Remove the drain hose elbow from the drum

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



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

- Remove the elbow piece.



- Shut the door with a gentle swing.

### 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 **3 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.

# Before using for the first time

## 2. Removing 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 and connection".

The following message appears in the display:

 Remove transit bars

■ Confirm with the *OK* sensor.

## 3. Starting the calibration programme

For optimum water and energy consumption and excellent wash results, it is important to calibrate the washing machine.

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:

Open  and run 'Cottons' 90°C without laundry

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



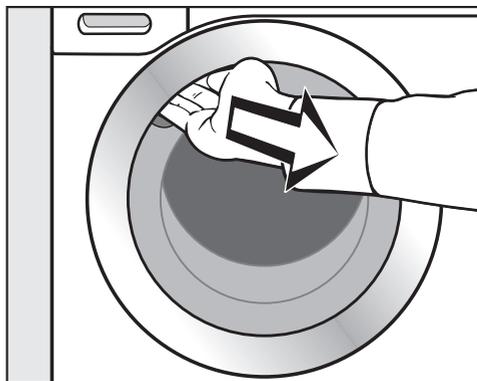
■ Turn on the tap.

■ Touch the *Start/Stop* sensor.

The calibration programme is started. It will take approximately 2 hours.

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

 Set up completed



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

**Useful tip:** For safety reasons, close the door when the washing 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 for the programme you are using. The energy and water consumption will be the lowest in relation to the size of the load.
- When smaller amounts of laundry are washed, the Auto load control system will reduce the amount of water and energy used.
- Use the *Express 20* programme for small, lightly soiled loads.
- Modern detergents make it possible to wash at lower temperatures (e.g. 20°C). Using lower temperature settings will save energy.
- 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.

The washing machine reminds you to do so with the following message in the display: Hygiene info: Run a programme at min. 75°C or "Clean machine!" programme.

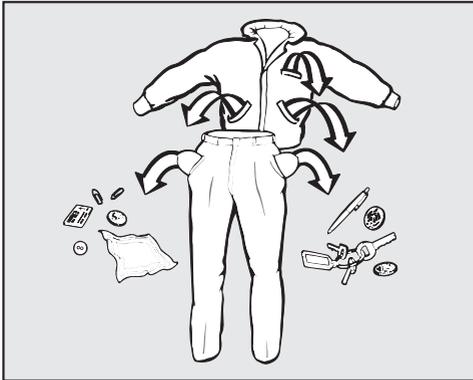
## Detergent consumption

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

## When drying with a tumble dryer

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

# 1. Preparing the laundry



- Empty all pockets.

⚠ Foreign objects (e.g. nails, coins, paper clips, etc.) can cause damage to garments and components in the machine.

Check the laundry before washing and remove any such 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, stains etc. should be cleaned as soon as possible, preferably while still fresh. Spillages should be carefully dabbed off using a soft, colourfast cloth. Do not rub.

**Useful tip:** Stains can be pre-treated using some handy tricks, which can be found in “Miele's guide to laundry care”. Please contact Miele to obtain a copy of this booklet.

⚠ Solvent-based cleaners (e.g. one containing benzene) 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.

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

## General tips

- Curtains: Remove lead weights first or place in a laundry bag.
- Underwiring and collar stiffeners: Any loose wiring in bras, shirt collar stiffeners, etc. should be removed or sewn in.
- Close any zips, attach velcro fasteners, fasten hooks and eyes etc. before washing.
- Fasten duvet covers and pillow cases to prevent small items from being rolled up inside them.

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

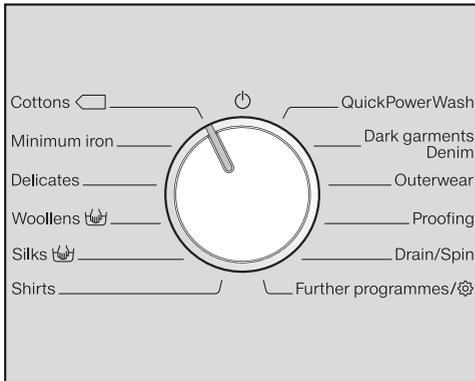
## 2. Selecting a programme

### Switching on the washing machine

- Turn the programme selector to a programme.

### Programme selection

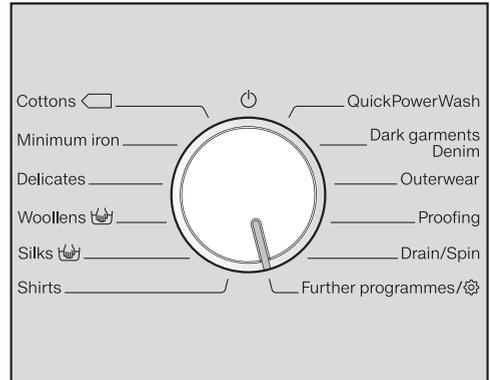
#### 1. Selecting standard programmes via the programme selector



- 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 further programmes via the “Further programmes/gears” position and the display:



- Turn the programme selector to the *Further programmes/gears* position.

The following appears in the display:

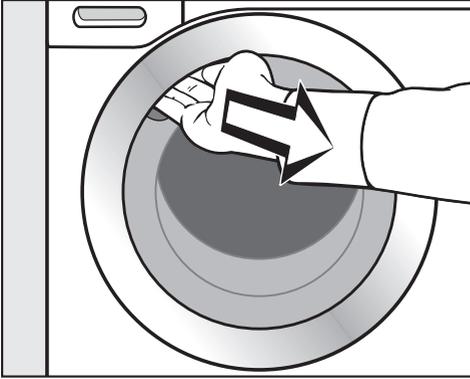


- Touch the  $\nabla/\Delta$  sensors until the programme you want appears in the display.
- Confirm the programme with the OK sensor.

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

### 3. Loading the washing machine

#### Opening the door



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

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

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

- Unfold the laundry and load loosely in the drum.

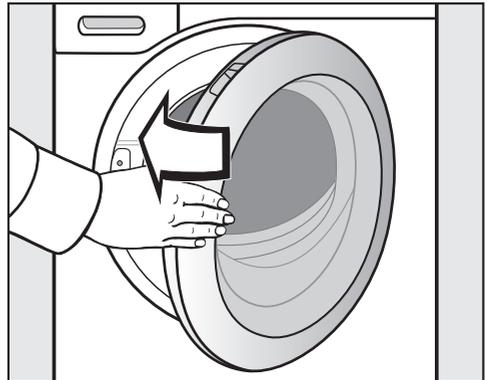
Mixing both large and small items gives better wash results and also helps distribute the load evenly during spinning.

**Useful tip:** Please note the maximum load for the different wash programmes. The relevant programme load 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

### PowerWash display with the Quick and Eco sensor controls

If the PowerWash indicator lights up when you select a wash programme, you can choose between three programme sequences. The wash result remains the same.

#### PowerWash display

For a normal programme sequence.

- **Do not** activate the Quick or Eco sensors.

#### Quick sensor

For a short programme sequence. The mechanical action and energy will increase with this option.

- Touch the Quick sensor.

#### Eco sensor

For an energy-saving programme sequence. The wash temperature is reduced and the programme duration increased.

- Touch the Eco sensor.

**Useful tip:** See the following table for a list of programmes in which the PowerWash display is active.

	Quick	ECO
Cottons	X	X
Cottons <60°C	X	–
Cottons <40°C	X	–
Minimum iron	X	X
Delicates	X	X
Shirts	X	X
QuickPowerWash	✓	–
Dark garments/ Denim	X	X
Outerwear	X	X
Express 20	✓	–
Sportswear	X	X
Automatic plus	X	X
Clean machine	✓	–

X = can be selected

– = cannot be selected

✓ = activated

## 4. Selecting programme settings

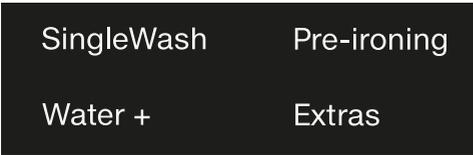
### Selecting a temperature/spin speed

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



- Touch the  $\nabla/\Delta$  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



- 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 control

You can select additional Extras using the Extras sensor.

- Touch the Extras sensor.

The following appears in the display:



- Touch the  $\nabla/\Delta$  sensors until the Extra you want appears in the display.
- Confirm the Extra with *OK*.

## 4. Selecting programme settings

### Delay start

With Delay start you can delay the start of the programme.

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:



- Set the hours with the ∨∧ sensors. Confirm with the OK sensor.

The display will change:



- 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 ∨∧ sensor.

### 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 Delay start 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.

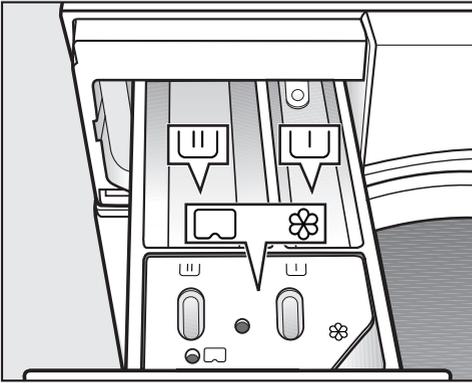
## 5. Adding detergent

There are several options for adding detergent.

### 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.

### Filling with detergent



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

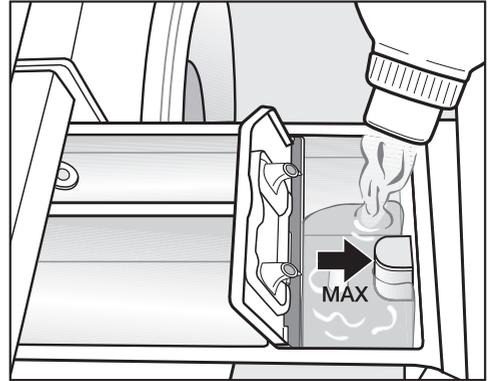
U Detergent for the pre-wash (divide the total recommended amount as follows: add  $\frac{1}{3}$  to compartment U and  $\frac{2}{3}$  to compartment U)

U 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.

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  $\frac{1}{3}$  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 powder detergent for the main 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.

# 5. Adding detergent

## CapDosing

Three different types of capsule are available:

- ☼ = Fabric care (e.g. fabric softener)
- 🧼 = Additives (e.g. detergent enhancers)
- 💧 = Detergent (for the main wash only)

Each capsule contains the correct amount for one wash cycle.

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

⚠ Keep capsules out of the reach of children.

## Activating CapDosing

- Touch the **CAP** sensor.

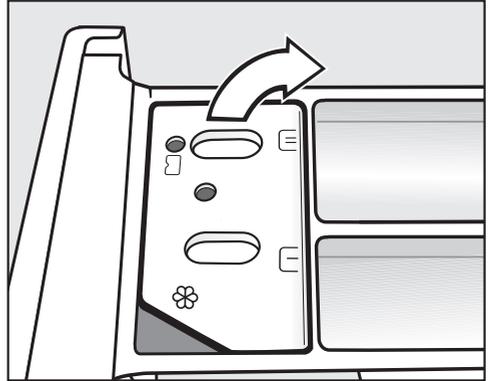
The following appears in the display:



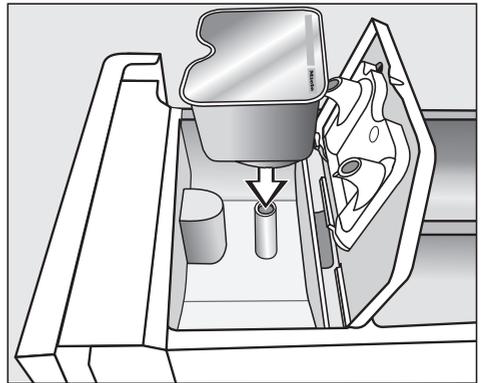
- Touch the **∨**/**∧** sensors until the capsule you want appears in the display.
- Confirm the capsule with the **OK** sensor.

## Inserting a capsule

- Open the detergent dispenser drawer.

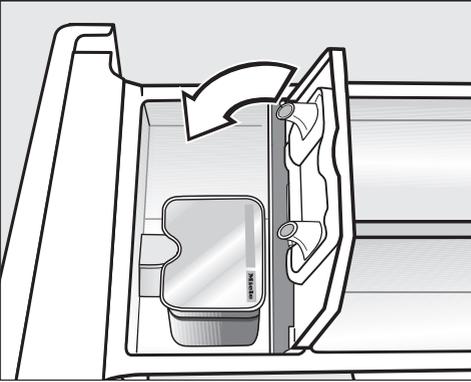


- Open the lid of the **☼**/**🧼** compartment.



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

## 6. Starting the programme - the end of the programme

### Starting a programme

- Touch the flashing *Start/Stop* sensor.

The door will lock (🔒 will appear in the display to show this) and the programme will start.

If a Delay start time has been selected, it will count down in the time display. At the end of the Delay start time or immediately after the programme has started (if no Delay start time has been selected), the programme duration will appear in the time display.

### Energy savings

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

You can reactivate the indicators:

- To do this, touch the *Start/Stop* sensor (this does not have any effect on a running programme).

### At the end of the programme

The door is still locked during the Anti-crease phase and the following will appear alternately in the display:

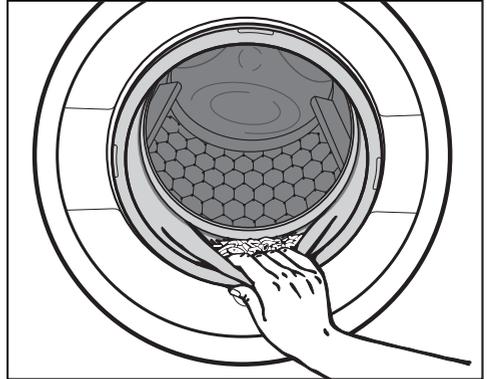


and



- Touch the *Start/Stop* sensor. The door will be unlocked.
- Pull open the door.
- 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.
- Turn the programme selector to the Ⓛ position. This switches the washing machine off.
- 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. Close the door of the washing machine.

## 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	1400
Minimum iron	1200
Delicates	900
Woolens 	1200
Silks 	600
Shirts	900
QuickPowerWash	1400
Dark garments/Denim	1200
Outerwear	800
Proofing	1000
Drain/Spin	1400
Express 20	1200
Sportswear	1200
Automatic plus	1400
Separate rinse/Starch	1400
Clean machine	900

## 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)

If Rinse hold is selected, the laundry remains in the water following the final rinse cycle. This helps prevent creasing if the laundry is not going to be removed from the drum immediately after the end of the programme.

- Set the spin speed .

### To start the final spin:

The washing machine will display the maximum spin speed possible. You can reduce the spin speed.

- Touch the *Start/Stop* sensor.

### Ending the wash programme

Select this option if you want to remove the laundry when it is dripping wet and without having been spun.

- Reduce the spin speed to 0.
- Touch the *Start/Stop* sensor.

The water will be pumped away.

## Omitting rinse and interim spin and the final spin

- Before the start of the wash programme, reduce the spin speed to 0.
- Touch the *Start/Stop* sensor.

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.

# Programme chart

## Programmes on the programme selector

<b>Cottons</b>		<b>Cold to 90°C</b>	<b>Max. load 8.0 kg</b>
Items	Cottons, linens or cotton mix fabrics, e.g. table linen, towelling, underwear, T-shirts etc.		
Note	Where particularly high levels of hygiene are required, please select a temperature of 90°C.		
<b>Cottons</b>		<b>◁60°C</b>	<b>Max. load 8.0 kg</b>
Items	Cottons, linens or cotton mix fabrics, e.g. table linen, towelling, underwear, T-shirts etc.		
Note	With <b>◁60°C</b> 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.		
<b>Cottons</b>		<b>◁40°C</b>	<b>Max. load 8.0 kg</b>
Items	Normally soiled cotton garments.		
Note	These settings are the most efficient in terms of energy and water consumption for washing cottons.		
Energy labelling programme according to AS/NZS 2040.1 & AS/NZS 2040.2			
<b>Minimum iron</b>		<b>Cold to 60°C</b>	<b>Max. load 4.0 kg</b>
Items	Synthetic, mixed fibre and easy care cotton.		
Note	Reduce the spin speed for fabrics which crease easily.		

## Programme chart

<b>Delicates</b>		<b>Cold to 60°C</b>	<b>Max. load 3.0 kg</b>
Items	Delicate garments made from synthetic fibre, mixed fibre, rayon and viscose. Curtains, including net curtains, specified as machine-washable by the manufacturer.		
Note	<ul style="list-style-type: none"> <li>– Dust in curtains usually means that a programme with pre-wash is advisable. Activate the <i>Pre-wash Extra</i>.</li> <li>– For items which crease easily, deselect the spin.</li> </ul>		
<b>Woollens</b> 		<b>Cold to 40°C</b>	<b>Max. load 2.0 kg</b>
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.		
Note	Reduce the spin speed for items which crease easily.		
<b>Silks</b> 		<b>Cold to 30°C</b>	<b>Max. load 1.0 kg</b>
Items	Silks and other hand-washable fabrics with no wool content, e.g. satin, lace and silk.		
Note	Place tights, bras etc. in a washing bag.		
<b>Shirts</b>		<b>Cold to 60°C</b>	<b>Max. load 1.0 kg/2.0 kg</b>
Items	Shirts and blouses made of cotton and mixed fibre.		
Note	<ul style="list-style-type: none"> <li>– Pre-treat collars and cuffs if necessary.</li> <li>– Wash silk shirts and blouses in the <i>Silks</i>  programme.</li> <li>– If the preset <i>Pre-ironing</i> option is switched off, the maximum load capacity is increased to 2.0 kg.</li> </ul>		
<b>QuickPowerWash</b>		<b>40°C – 60°C</b>	<b>Max. load 5.0 kg</b>
Items	Lightly soiled garments which are also suitable for washing in the <i>Cottons</i> programme.		
Note	A special saturation process and wash rhythm ensure that the laundry is cleaned particularly quickly and thoroughly.		

## Programme chart

<b>Darks / Denim</b>		<b>Cold to 60°C</b>	<b>Max. load 3.0 kg</b>
Items	Black and dark garments made from cotton, mixed fibres and denim.		
Notes	<ul style="list-style-type: none"> <li>– Wash inside out.</li> <li>– Denim often contains excess dye and may run during the first few washes. Wash light and dark coloured items separately.</li> </ul>		
<b>Outerwear</b>		<b>Cold to 40°C</b>	<b>Max. load 2.5 kg</b>
Items	Performance outerwear (e.g. jackets and trousers) made from membrane fabric such as Gore-Tex®, SYMPATEX®, WINDSTOPPER® etc.		
Notes	<ul style="list-style-type: none"> <li>– Zip up or close jackets before washing.</li> <li>– Do not use fabric softener.</li> <li>– If required, these garments can also be re-proofed using the <i>Proofing</i> programme. Proofing should not be done every time the garment is washed.</li> </ul>		
<b>Proofing</b>		<b>40°C</b>	<b>Max. load 2.5 kg</b>
Items	Treating microfibre fabric, skiwear and table linen made from mainly synthetic fibres to provide a water and dirt resistant finish.		
Notes	<ul style="list-style-type: none"> <li>– The items should be freshly laundered and spun or dried before proofing.</li> <li>– For best results, the items should be heat-treated afterwards either in a tumble dryer or by ironing.</li> </ul>		
<b>Drain/Spin</b>		<b>Max. load 8.0 kg</b>	
Notes	<ul style="list-style-type: none"> <li>– Drain only: Select 0 rpm for the spin speed.</li> <li>– Make sure you select the appropriate spin speed.</li> </ul>		

## Programmes accessed via Further programmes/ on the programme selector

<b>Express 20</b>		<b>Cold to 40°C</b>	<b>Max. load 3.5 kg</b>
Items	Cotton garments that have hardly been worn or are only very lightly soiled.		
Note	The <i>Short Extra</i> is activated automatically.		
<b>Sportswear</b>		<b>Cold to 60°C</b>	<b>Max. load 3.0 kg</b>
Items	Sportswear such as singlets and leggings as well as microfibre and fleece garments.		
Notes	<ul style="list-style-type: none"> <li>– Do not use fabric softener.</li> <li>– Observe the manufacturer's care label.</li> </ul>		
<b>Automatic plus</b>		<b>Cold to 40°C</b>	<b>Max. load 6.0 kg</b>
Items	Mixed loads of garments suitable for the <i>Cottons</i> and <i>Minimum iron</i> programmes. Sort according to colour.		
Note	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.		
<b>Separate rinse/Starch</b>			<b>Max. load 8.0 kg</b>
Items	<ul style="list-style-type: none"> <li>– For rinsing hand-washed items.</li> <li>– Starching table cloths, serviettes and workwear.</li> </ul>		
Note	<ul style="list-style-type: none"> <li>– Reduce the spin speed for items which crease easily.</li> <li>– Laundry that is to be starched should be washed but not treated with fabric softener.</li> <li>– Items will be rinsed very effectively using two rinse cycles by activating the <i>Water +</i> option.</li> </ul>		

# Programme chart

---

## 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 a maintenance programme.

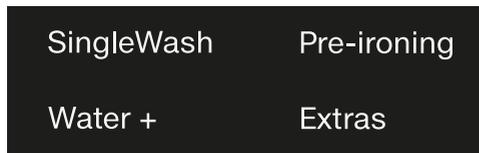
Clean machine	85°C	No load
<p>With frequent washing at low temperatures there is a danger of a build-up of bacteria in the washing machine.</p> <p>Cleaning the washing machine will significantly reduce bacteria, mould, and biofilm and prevent the build-up of unpleasant odours.</p>		
Note	<ul style="list-style-type: none"><li>– Optimum results can be achieved by using the Miele IntenseClean machine cleaner. Alternatively, a universal powder detergent can be used.</li><li>– Dispense the washing machine cleaner or universal detergent directly in the drum.</li><li>– Do not load any laundry. The drum must be empty for this machine maintenance wash.</li></ul>	

You can use the Extra option sensors 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.



- 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. Reducing the maximum load by 50% will give a better result. Follow the instructions in the display. Small loads give a better result.

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

## Water +

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

You can select other functions for the *Water +* sensor control. These are described in “Settings”.

# Extras

---

## Additional Extras can be selected using the “Extras” sensor control

### Selecting Extras in the display

- Touch the *Extras* sensor.

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

- Touch the  $\vee/\wedge$  sensors until the Extra you want appears in the display.

- Confirm the Extra with *OK*.

The Extra will have a  $\checkmark$  next to it.

### Deselecting an Extra

- Touch the *Extras* sensor.

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

- Touch the  $\vee/\wedge$  sensors until *No Extras* appears in the display.

- Confirm *No Extras* with the *OK* sensor.

The previously selected Extra is now deselected.

### Pre-wash

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

### Soak

For heavily soiled and stained items with protein stains.

A duration of between 30 minutes and 6 hours can be chosen for the soak process in 30-minute increments. 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  $\cup$  (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

These Extras cannot be selected with programmes which are **not** listed in the chart below.

	SingleWash	Pre-ironing	Water +	Pre-wash	Soak	Intensive	Extra quiet	Extra gentle	AllergoWash
Cottons	X	X	X	X	X	X	X	X	X
Minimum iron	X	X	X	X	X	X	X	X	X
Delicates	X	X	X	X	X	-	X	X	X
Woolens 	X	-	-	-	-	-	X	-	-
Silks 	X	-	-	-	-	-	X	-	-
Shirts	X	✓	X	X	X	-	X	X	X
QuickPowerWash	X	X	-	-	-	-	-	-	-
Dark garments/Denim	X	X	X	X	X	-	X	X	X
Outerwear	-	-	X	X	X	-	X	X	-
Express 20	-	X	-	-	-	-	-	-	-
Sportswear	X	-	X	X	X	-	X	X	X
Automatic plus	X	X	X	X	X	-	X	X	X
Separate rinse/Starch	-	-	X	-	-	-	X	-	-

**X** = can be selected      - = cannot be selected

✓ = activated automatically

## Programme sequence

	Main wash		Rinse		Spin
	Water level	Wash rhythm	Water level	Rinses	
Cottons		(A)		2-5 <sup>1)2)3)</sup>	✓
Minimum iron		(B)		2-4 <sup>2)3)</sup>	✓
Delicates		(C)		2-4 <sup>2)3)</sup>	✓
Woolens 		(E)		2	✓
Silks 		(E)		2	✓
Shirts		(C)		3-4 <sup>3)</sup>	✓
QuickPowerWash		(A)		2	✓
Darks / Denim		(B)		3-5 <sup>2)3)</sup>	✓
Outerwear		(C)		3-4 <sup>3)</sup>	✓
Proofing	–	(B)		1	✓
Drain/Spin	–	–	–	–	✓
Express 20		(A)		1	✓
Sportswear		(C)		2-3 <sup>3)</sup>	✓
Automatic plus		(A)(B)		2-4 <sup>2)3)</sup>	✓
Separate rinse / Starch		(B)		0-1 <sup>5)</sup>	✓
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 *Woolens*  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  $\overline{40^{\circ}\text{C}}$  and  $\overline{60^{\circ}\text{C}}$ , 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:
  - *Water +* has been selected and the options *Extra rinse* or *Extra water + rinse* have been activated in the *Settings* menu.
- 5) An additional rinse is carried out if: the *Water +* option is selected.

# Programme sequence

---

## PowerWash 2.0

PowerWash 2.0, a washing technique developed by Miele, is activated in the following programmes with small and medium-sized loads:

- Cottons
- Minimum iron
- Shirts
- Automatic plus

### 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 2.0 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

The washing machine calculates the load at the beginning of the wash programme. PowerWash 2.0 is activated if the following conditions are present:

- There is a small to medium-sized laundry load in the drum.
- The temperature selected does not exceed 60°C.

- The final spin speed selected must not be lower than 600 rpm.
- CapDosing (☹, ☹) has not been selected for the main wash.

With some options (e.g. Pre-wash, Water +) PowerWash 2.0 is not activated.
--

### 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.

#### - Detergent

Dispense the correct amount of detergent (with smaller loads).

# Changing the programme sequence

## Cancelling a programme

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

- Touch the *Start/Stop* sensor.

The following will appear in the display:



- Touch the *OK* sensor.

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



Wait until the door unlocks.

- Pull open the door.
- Remove the laundry.

## 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.

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

## Changing a programme

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

# Changing the programme sequence

## Safety lock

Locking the machine prevents a wash programme being cancelled by mistake.

### Activating the safety lock

- Touch the *Start/Stop* sensor.

The following will appear in the display:



- Use the  $\nabla$  sensor to scroll through the list to:



- Touch the *OK* sensor.

### Deactivating the safety lock

- Touch the *Start/Stop* sensor.

The following will appear in the display:



- Touch the *OK* sensor.

## Adding or removing laundry

Laundry can only be added or removed at the beginning of a wash programme.

If the message to add laundry is not visible in the display, then it is no longer possible to add items of laundry.

- Press the *Start/Stop* sensor.

The following will appear in the display:



- Touch the  $\nabla/\wedge$  sensors until the following appears in the display:



- Touch the *OK* sensor.

The programme will stop and the door will unlock.

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

The wash programme will continue.

# Garment care label symbols

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

## Programme selection examples

Programme	Garment care label symbols
Cottons	
Minimum iron	
Delicates	
Woolens	
Silks	
Express 20	
Automatic plus	

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

Ironing	
The number of dots indicates the ironing temperature.	
	approx. 200°C
	approx. 150°C
	approx. 110°C
	Do not steam iron garments carrying this symbol as this could cause irreversible damage.
	Do not iron

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

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

# 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*.

- 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  sensor if using a capsule.
- Touch the *Start/Stop* sensor.

## Colour run and dye removers/dyes

 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 +* option.

# Detergent

## Miele recommended detergents

Miele detergents and care products have been specially designed for Miele washing machines. They are available to order via the internet at [shop.miele.com](http://shop.miele.com) (depending on country) or from Miele.

	Miele UltraWhite	Miele UltraColor	Miele Cap 	Miele Cap 	Miele Cap 
Cottons	✓	✓	-	Ⓓ	Ⓔ
Minimum iron	-	✓	-	Ⓓ	Ⓔ
Delicates	-	✓	Ⓒ	Ⓓ	-
Woolens 	-	-	Ⓒ	-	-
Silks 	-	-	Ⓒ	-	-
Shirts	✓	✓	-	Ⓓ	Ⓔ
QuickPowerWash	✓	✓	-	-	-
Dark garments/Denim	-	✓	-	Ⓓ	-
Outerwear	-	-	-	-	-
Proofing	-	-	-	-	-
Express 20	-	✓	-	Ⓓ	-
Sportswear	-	-	Ⓐ	-	-
Automatic plus	-	✓	-	Ⓓ	Ⓔ
Separate rinse/Starch	-/-	-/-	-/-	Ⓓ/-	-/-

- ✓ Recommended      Ⓐ Sportswear      Ⓓ Fabric Softener
- Not recommended      Ⓑ Down items      Ⓔ Booster
- Ⓒ WoolCare

# 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	-	✓ <sup>1)</sup>	-	✓
Outerwear	-	-	✓	✓
Express 20	-	✓ <sup>1)</sup>	-	-
Sportswear	-	-	✓	✓
Automatic plus	-	✓	-	-
Clean machine	✓ <sup>2)</sup>	-	-	✓

✓ Recommended

- Not recommended

1) Liquid detergent

2) Powder detergent

## Cleaning and care

### Cleaning the drum (Hygiene info)

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 machine. Note the message in the display:

Hygiene info: Run a programme at min. 75°C or "Clean machine" programme

### External casing and fascia panel

⚠ Disconnect the machine from the mains electricity supply and withdraw the plug from the socket before cleaning the machine.

⚠ The washing machine must not be hosed down.

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

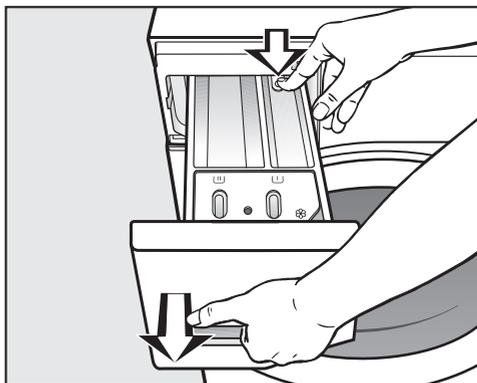
⚠ Do not use solvents, abrasive cleaners, glass cleaners or all-purpose cleaning agents. These might damage plastic surfaces and other components because of the chemicals they contain.

### Cleaning the detergent dispenser drawer

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

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

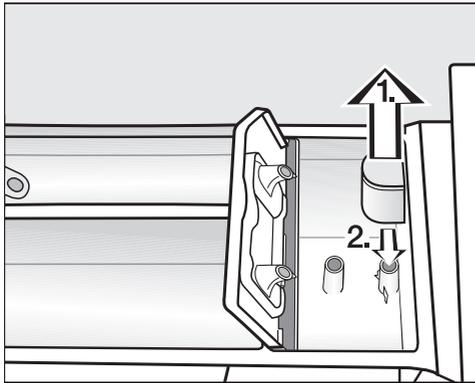
### Removing the detergent dispenser drawer



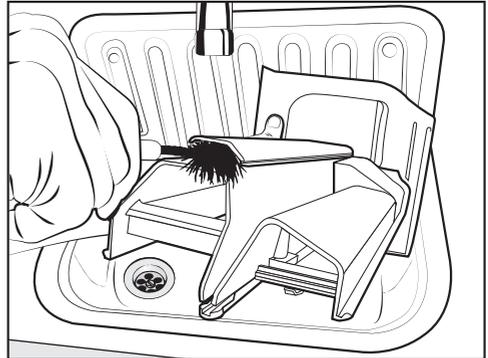
- Pull out the detergent dispenser drawer until a resistance is felt. Press down the release button and at the same time pull the drawer right out of the machine.
- Clean the detergent drawer with warm water.

## Cleaning 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.

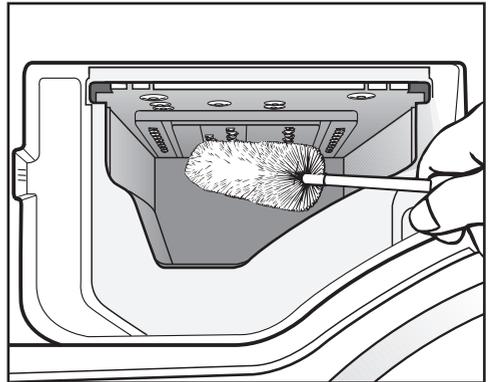


1. Remove the siphon from  compartment and clean under warm running water. Clean the siphon tube in the same way.
2. Replace the siphon.



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

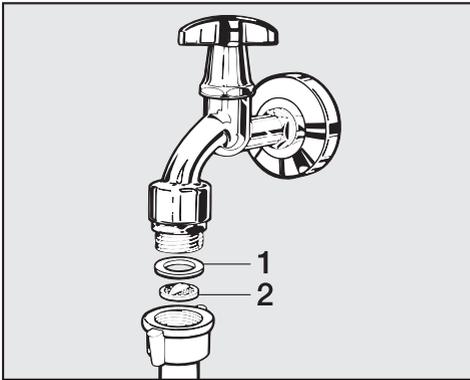
# Cleaning and care

## Cleaning the water inlet filter

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

### Cleaning the filter in the union in the open end of the inlet hose

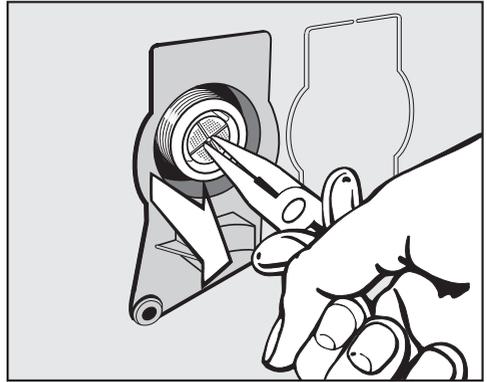
- First turn off the tap.
- Unscrew the inlet hose from the tap.



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

### Cleaning the filter in the water inlet valve

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



- Use pointed nose 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.

After cleaning the filters, turn on the tap and check the connections are watertight. If water drips out, tighten the connections.

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

With the help of the following guide, minor faults in the performance of the appliance, some of which may result from incorrect operation, can be remedied without contacting Miele. This will save you time and money because you will not need a service call. If, after reading this guide, you cannot remedy the problem yourself, please call Miele (see back cover for details).

 Danger of injury.

Installation, maintenance and repairs may only be carried out by a suitably qualified and competent person. Repairs and other work by unqualified persons could be dangerous. Miele cannot be held liable for unauthorised work.

Do not attempt to open the casing of the cooktop yourself.

Please note 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  $\vee$  or  $\wedge$  sensor to read them in full.

## The programme does not start

Problem	Possible cause and remedy
<b>The control panel remains dark.</b>	There is no power to the machine. <ul style="list-style-type: none"> <li>■ Check whether the mains plug is plugged in and switched on.</li> <li>■ Check whether the circuit breaker has tripped.</li> </ul>
	The washing machine has switched off automatically to save energy. <ul style="list-style-type: none"> <li>■ Switch the washing machine on again by turning the programme selector.</li> </ul>
<b>You are asked to enter a code.</b>	Access via a code has been activated. <ul style="list-style-type: none"> <li>■ 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.</li> </ul>
<b>The following appears in the display:</b>   Service Door lock fault F34	The door is not closed properly. The door lock could not engage. <ul style="list-style-type: none"> <li>■ Close the door again.</li> <li>■ Start the programme again.</li> </ul> <p>If the fault message appears again, contact Miele.</p>

# 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. <ul style="list-style-type: none"><li>■ Clean the drain filter and the pump.</li><li>■ The maximum drain height is 1 m.</li></ul>
 Water intake. See 	The water inlet is blocked or restricted. <ul style="list-style-type: none"><li>■ Check whether the tap is turned on properly.</li><li>■ Check whether the inlet hose is kinked.</li><li>■ Check whether there is sufficient water pressure.</li></ul>
	The filter in the water inlet is blocked. <ul style="list-style-type: none"><li>■ Clean the filter.</li></ul>
	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.
  Service Waterproof syst. Turn off 	The water protection system has reacted. <ul style="list-style-type: none"><li>■ Turn off the tap.</li><li>■ Call Miele.</li></ul>
  Service Fault F	There is a fault. <ul style="list-style-type: none"><li>■ Disconnect the washing machine from the mains electricity supply, either by switching it off at the wall socket and withdrawing the plug, or by disconnecting it at the circuit breaker.</li><li>■ Wait <b>at least 2 minutes</b> before reconnecting the washing machine to the mains electricity supply.</li><li>■ Then switch the washing machine on again.</li><li>■ Restart the programme.</li></ul> If the fault message appears again, contact Miele.

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

## Fault messages at the end of a programme

Problem	Possible cause and remedy
<p><b>i</b> Check detergent</p>	<p>Excessive foam has built up during washing.</p> <ul style="list-style-type: none"> <li>■ Use less detergent next time and follow the manufacturer's instructions on dosage given on the packaging.</li> </ul>
<p><b>i</b> Hygiene info: Run a programme at min. 75°C or "Clean machine"<sup>1</sup> programme</p>	<p>A programme using a temperature above 60°C has not been run for a long time.</p> <ul style="list-style-type: none"> <li>■ Turn the programme selector to <i>Further programmes</i>/.</li> <li>■ Touch the <math>\wedge \vee</math> sensors until Maintenance appears in the display.</li> <li>■ Touch the OK sensor to confirm.</li> </ul> <p>The following appears in the display: Clean machine</p> <ul style="list-style-type: none"> <li>■ Touch the OK sensor to confirm.</li> <li>■ Run the Clean machine programme using the Miele IntenseClean machine cleaner or a universal powder detergent.</li> </ul> <p>This will clean the washing machine and prevent a build-up of bacteria and odours.</p>
<p><b>i</b> Align the washing machine</p>	<p>The Pre-ironing Extra which runs at the end of the programme could not be carried out properly.</p> <ul style="list-style-type: none"> <li>■ Check whether the washing machine is aligned correctly as described in "Installation and connection – Levelling the machine".</li> <li>■ Check whether the maximum delivery head of 1 m has been exceeded.</li> </ul> <p>If the fault message appears again, contact Miele. The washing machine can still be used, however without the Pre-ironing Extra.</p>

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
<b>i</b> Check filter + jet	The pumps are dirty. <ul style="list-style-type: none"><li>■ Clean the pumps as described in “Problem solving guide - Opening the door in the event of a blocked drain outlet and/or power cut”.</li><li>■ Restart the programme after cleaning.</li></ul>
	The jet in the top of the door ring is blocked with fluff. <ul style="list-style-type: none"><li>■ Remove the fluff with your finger. Do not use any sharp or pointed tools to do this.</li><li>■ Restart the programme after cleaning.</li></ul>
	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.

## General problems with the washing machine

Problem	Possible cause and remedy
<p><b>The washing machine smells.</b></p>	<p>Hygiene info was ignored. A programme using a temperature above 60°C has not been run for a long period of time.</p> <ul style="list-style-type: none"> <li>■ In order to prevent bacteria and unpleasant odours building up in the machine, run the <i>Clean machine</i> programme using the Miele IntenseClean washing machine cleaner or powder detergent.</li> </ul> <p>The detergent dispenser drawer was left closed after washing.</p> <ul style="list-style-type: none"> <li>■ Leave the detergent dispenser drawer slightly open to allow it to dry.</li> </ul>
<p><b>The machine shakes during the spin cycle.</b></p>	<p>The machine feet are not level.</p> <ul style="list-style-type: none"> <li>■ Level the machine and adjust the feet correctly.</li> </ul>
<p><b>The laundry has not been spun properly and the laundry is still wet.</b></p>	<p>The machine detected an imbalance during the final spin and reduced the spin speed automatically.</p> <ul style="list-style-type: none"> <li>■ Include both large and small items in the load as this will give better distribution.</li> </ul>
<p><b>The pump makes strange noises.</b></p>	<p>This is not a fault. These slurping noises occur at the end of the pump sequence as a normal part of operation.</p>
<p><b>The display is in a different language.</b></p>	<p>A different language has been selected in “Settings / Language  <li>■ Set the language you want. The flag symbol will guide you.</li> </p>

# Problem solving guide

## General problems with the washing machine

Problem	Possible cause and remedy
<b>Large amounts of detergent residue remain in the detergent dispenser drawer.</b>	The water pressure is too low. <ul style="list-style-type: none"><li>■ Clean the water inlet filter.</li><li>■ Please note that the water pressure must be at least 100 kPa (1 bar).</li></ul>
	Powder detergent used in conjunction with water softeners tends to become sticky. <ul style="list-style-type: none"><li>■ Clean the detergent dispenser drawer and, in the future, add washing powder to the dispensing drawer first, and then add the water softener.</li></ul>
<b>Fabric softener is not completely dispensed or too much water remains in the  compartment.</b>	The siphon tube is not correctly positioned, or is clogged up. <ul style="list-style-type: none"><li>■ Clean the siphon (see “Cleaning and care - Cleaning the detergent dispenser drawer”).</li></ul>
<b>At the end of the programme there is still liquid in the capsule.</b>	The small pipe in the detergent dispenser drawer onto which the capsule is placed is blocked. <ul style="list-style-type: none"><li>■ Clean the small pipe.</li></ul>
	This is not a fault. For technical reasons, a small amount of water will remain in the capsule.
<b>There is water next to the capsule in the fabric softener compartment.</b>	The  sensor was not activated or an empty capsule was not removed at the end of the last wash programme. <ul style="list-style-type: none"><li>■ Activate the  sensor when a capsule is next used.</li><li>■ Remove and dispose of the empty capsule at the end of each programme.</li></ul>
	The small pipe in the detergent dispenser drawer onto which the capsule is placed is blocked. <ul style="list-style-type: none"><li>■ Clean the small pipe.</li></ul>

## An unsatisfactory wash result

Problem	Possible cause and remedy
<b>Grey, greasy particles cling to washed laundry.</b>	Insufficient amounts of detergent were used to break down the particles of grease in heavily soiled laundry. <ul style="list-style-type: none"><li>■ Use more detergent or liquid detergent.</li><li>■ Before washing the next load, run the <i>Clean machine</i> programme using the Miele IntenseClean washing machine cleaner or a powder detergent.</li></ul>
<b>White residues which look like powder detergent are seen on dark textiles after washing.</b>	The detergent contained compounds (zeolites) to aid water softening which are not soluble in water. These have ended up on the laundry. <ul style="list-style-type: none"><li>■ Try and brush off the residues with a soft brush once the laundry is dry.</li><li>■ Wash dark textiles using a detergent which does not contain zeolites. Liquid detergents usually do not contain zeolites.</li><li>■ Use the <i>Dark garments/Denim</i> programme.</li></ul>

## Problem solving guide

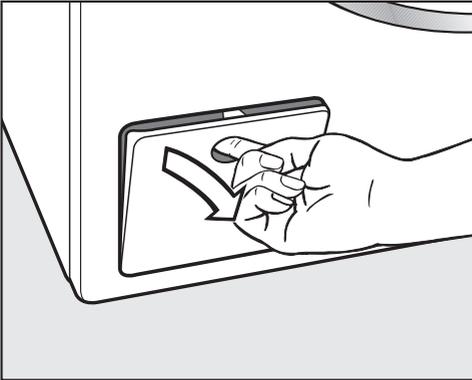
---

### The door will not open

Problem	Possible cause and remedy
<b>The door cannot be pulled open during a programme.</b>	<p>The drum is locked during a programme.</p> <ul style="list-style-type: none"><li>■ Touch the <i>Start/Stop</i> sensor to cancel the programme.</li></ul> <p>The programme is cancelled, the door unlocks and you can pull it open.</p> <hr/> <p>There is still water in the drum and the machine is unable to drain.</p> <ul style="list-style-type: none"><li>■ Clean the drain filter and the drain pump as described in “Opening the door in the event of a blocked drain outlet and/or power cut”.</li></ul>
Extra cooling <b>appears in the display after a programme has been cancelled.</b>	<p>For safety reasons, the door cannot be opened if the suds temperature is higher than 55°C.</p> <ul style="list-style-type: none"><li>■ Wait until the temperature in the drum has decreased and the message has gone out in the display.</li></ul>
<b>The following appears in the display:</b>   Service Door release fault F35	<p>The door lock has jammed.</p> <ul style="list-style-type: none"><li>■ Call Miele.</li></ul>

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

- Switch off the washing machine.



- Open the drain pump access panel.

### Blocked drain outlet

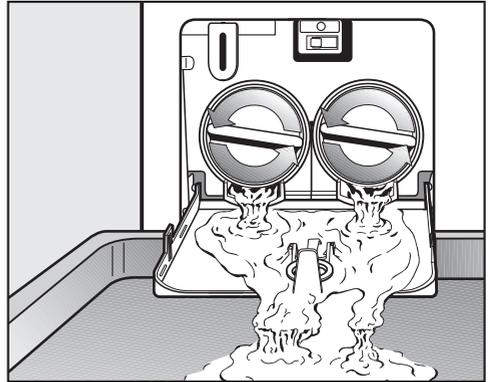
If the drain outlet is blocked, a larger quantity of water can remain in the washing machine.

 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

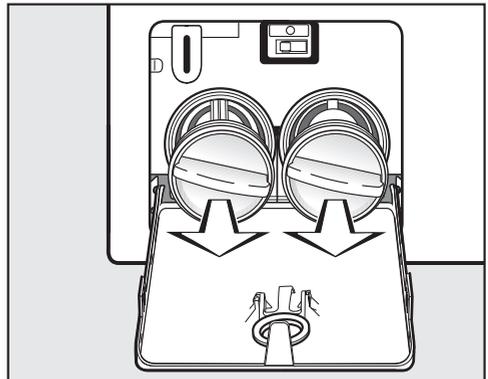
When removing the drain filter, do not remove it completely.

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



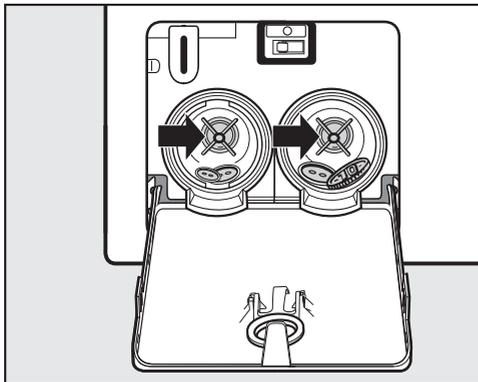
- Slowly unscrew the filters until water runs out. Be careful not to release too much water at once. If the flow of water is too strong, some water can seep into the machine base and activate the water protection float switch. This will prevent the machine from functioning.
- To interrupt the flow of water, tighten the filters again.

Once the flow of water ceases:

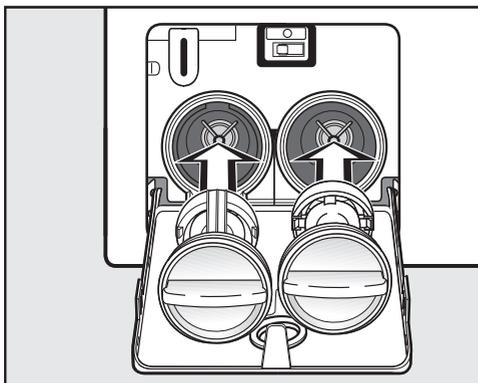


- Remove the filters completely.

## 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.



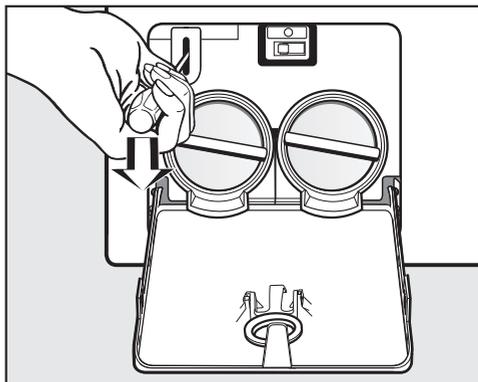
- Replace the filters correctly (on the right and left) and tighten them.
- Close the drain pump access panel.

**⚠ 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.

### 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.

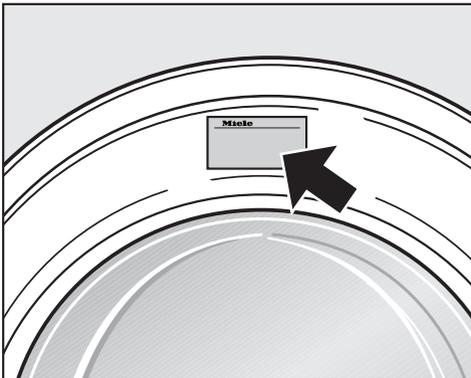
## Contact in case of fault

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

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.

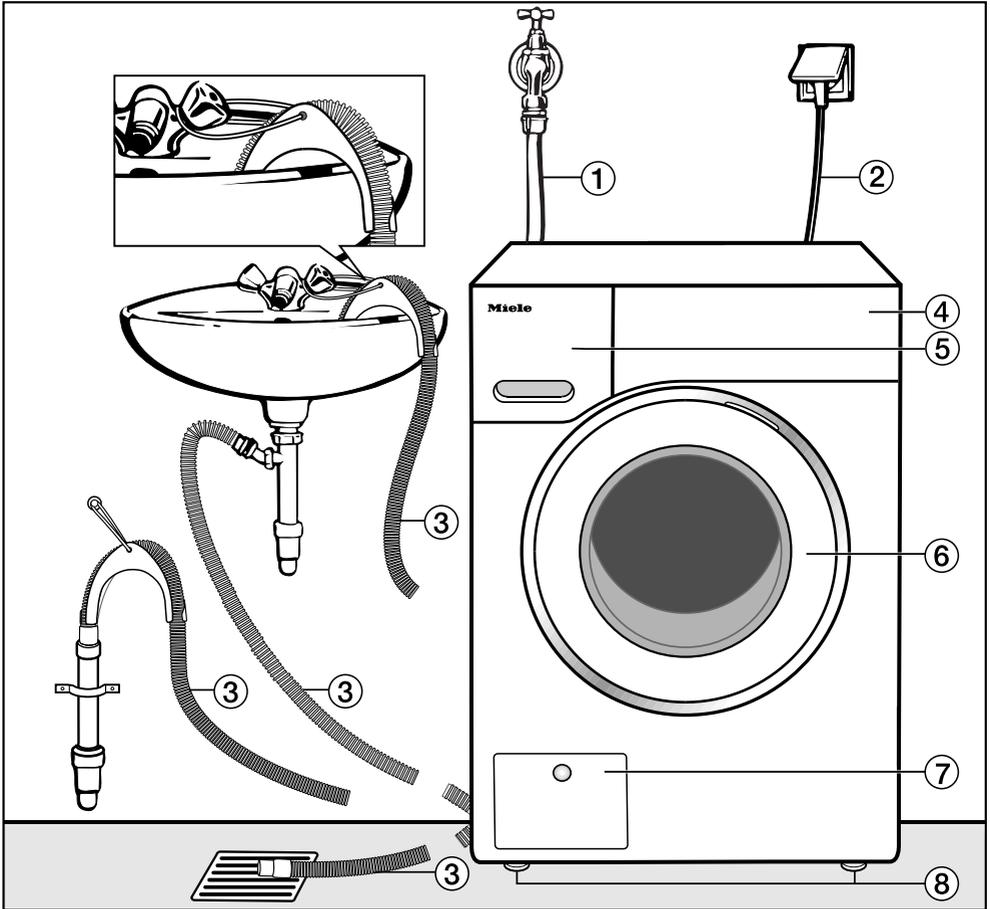
## Warranty

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

For further information, please refer to your warranty booklet.

# Installation and connection

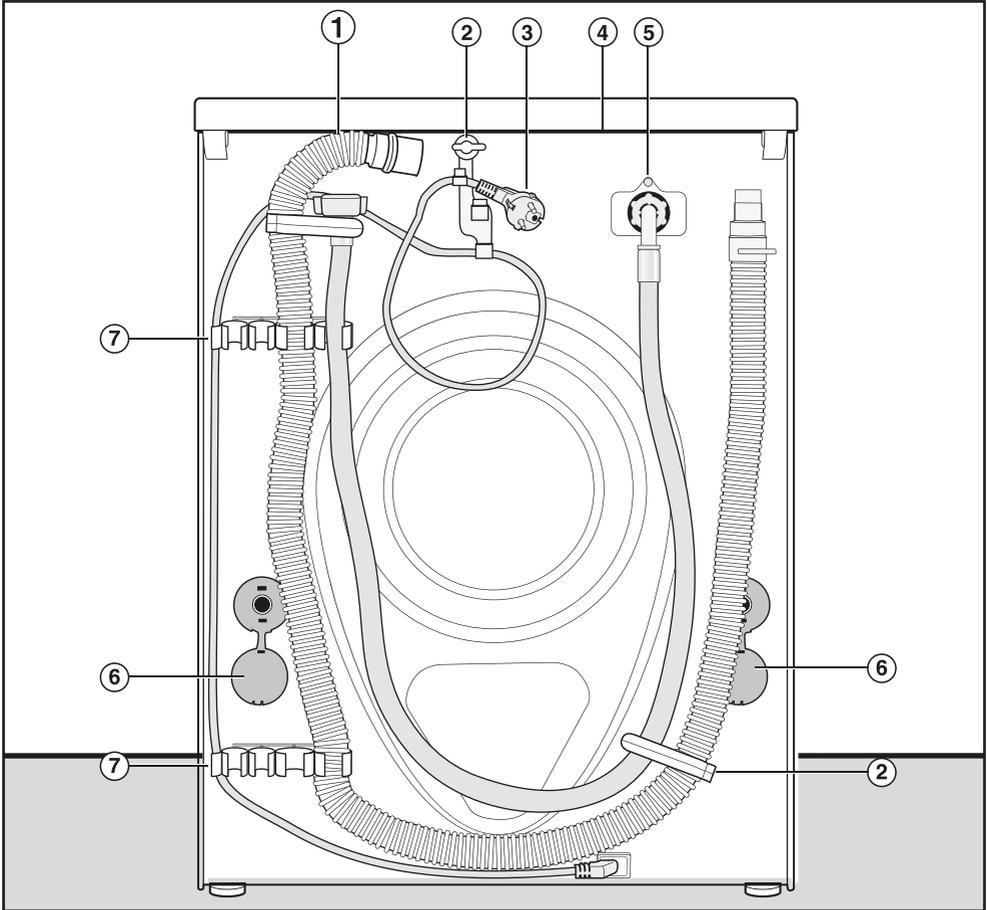
## Front view



- ① Inlet hose (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 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 Inlet hose (tested to withstand pressures up to 7000 kPa)
- ⑥ Safety caps for transit bars
- ⑦ Transport clips for inlet and drain hoses and for storing transit bars when not in use

# Installation and connection

## Installation surface

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

Please note:

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

If installing on a wooden joist floor:

- We recommend a plywood base (at least 59 x 52 x 3 cm). The base should span several joists and be bolted to the 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, as this is usually the most stable part of the floor.

## Transporting the washing machine to its installation site

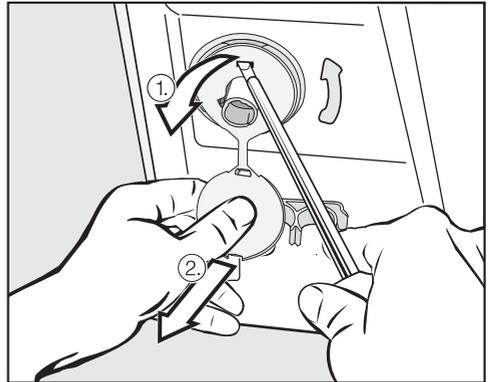
 Make sure the fixings at the back of the lid are secure.

Otherwise there is a danger of the lid being pulled off when carrying the appliance.

Before carrying the appliance, check that the lid is secure where it protrudes at the back of the appliance.

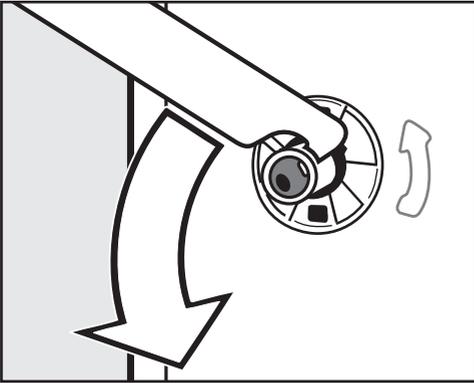
- Carry the washing machine by the front feet and the protruding lid at the back.

## Removing the transit bars

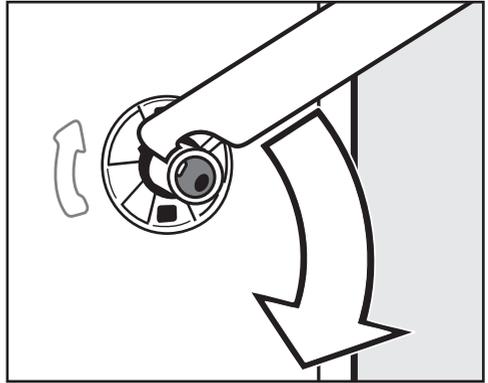


- Remove the left and right covers.
  1. Pull off the transit bar covers and
  2. then use a screwdriver to release the catches at the top and bottom.

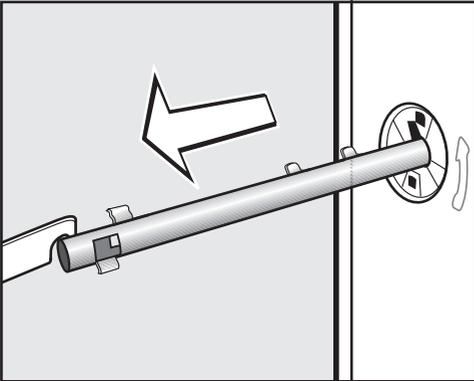
## Installation and connection



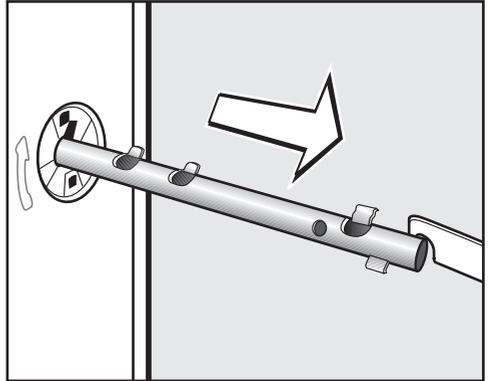
- Using the spanner supplied, turn the left-hand transit bar 90°, then



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



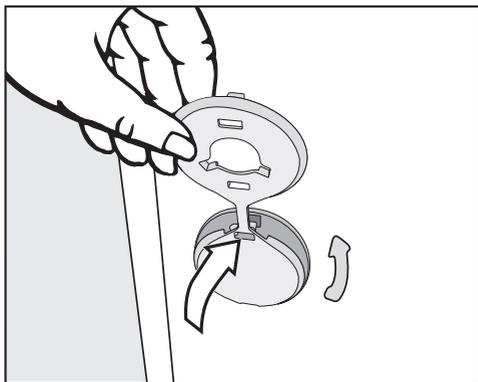
- withdraw the transit bar.



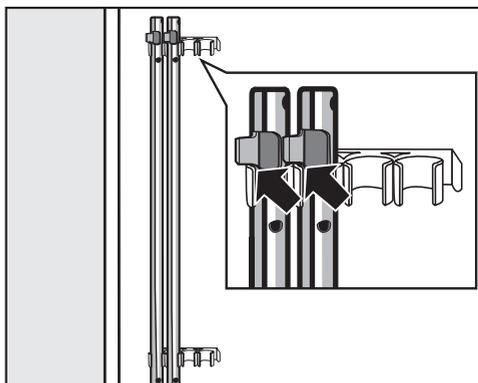
- withdraw the transit bar.

## Installation and connection

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



- Fit the covers onto the two holes.



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

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

### Refitting the transit bars

Refitting is carried out by reversing the procedure.

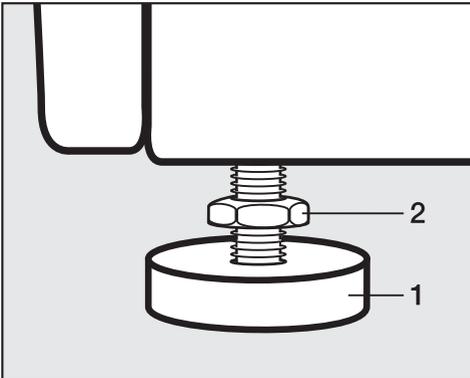
## Levelling the machine

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

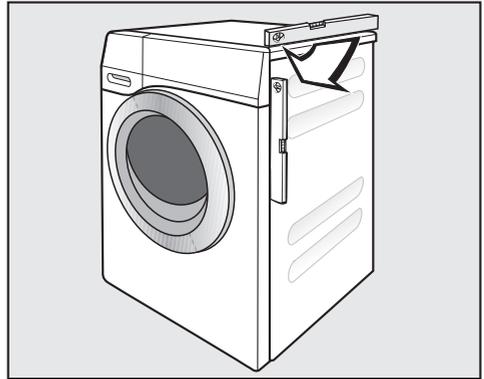
Incorrect installation may increase electricity and water consumption and may cause the machine to move about.

## Screwing out and adjusting the feet

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



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



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

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

# Installation and connection

## Building under a continuous worktop / in a kitchen run

 The washing machine lid cannot be removed.

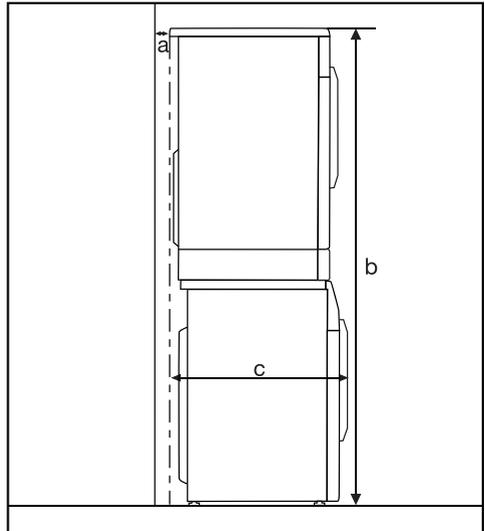
This washing machine (with lid intact) can be pushed under a worktop if there is space to do so.

## Washer 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 the following:



- a** = at least 2 cm
- b** = WTV without drawer: 172 cm  
WTV with drawer: 181 cm
- c** = 68 cm

## 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 hose

- Protection against bursting  
The inlet hose is tested to withstand pressures up to 7000 kPa.

## Electronic unit and washing machine housing

- Sump: Any leaking water is collected in a sump in the base of the machine. A float switches off the water inlet valves, preventing any more water from flowing into the machine and water in the suds container is pumped away.
- Overflow protection: This prevents the washing machine taking in too much water. If the water level exceeds a certain level, the drain pump switches 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.

# Installation and connection

---

## Connection to the water supply

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

### **IMPORTANT Australia and New Zealand**

This appliance must be installed according to AS/NZS 3500.1. Backflow prevention is already integrated in the appliance.

The machine is designed to operate with a flow pressure of between 100 and 1000 kPa. If it is higher than 1000 kPa, it is essential to fit a reducer valve.

Connection to the mains water supply should incorporate a mains tap with  $\frac{3}{4}$ " threaded union. The tap should be fitted by a qualified plumber.

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

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

## Maintenance

Only use a genuine Miele hose 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. Neither filter may be removed.

## Drainage

The suds are drained through a drain pump with a 1 m delivery head. For the water to drain freely, the hose must be installed free of kinks.

If required, the hose can be extended to a length of up to 5 m. The necessary parts can be purchased from Miele.

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 purchased from Miele.

### Drain hose connection options

#### 1. Directed into a sink or basin.

Please note:

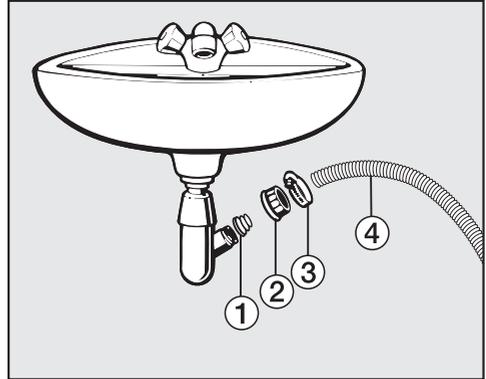
- Hook the hose over the edge and secure it.
- Make sure that the water can drain away freely without hindrance. Otherwise there is a risk of water overflowing or of some of the drained water being sucked back into the machine.

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

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

#### 4. Connected securely to a standpipe.

Please note:



① Adapter

② 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.

# Installation and connection

---

## Electrical connection

The washing machine is supplied with a mains cable with moulded plug for connection to a 230V mains supply. The voltage, rated load and plug rating are given on the data plate. Please ensure these match the household mains supply.

**WARNING: THIS APPLIANCE MUST BE EARTHED**

 The accessibility of the plug must always be ensured in order to separate the washing machine from the mains. Do not connect the appliance to an extension lead or multi-socket adapter as they do not guarantee the required safety of the appliance (e.g. danger of overheating).

All electrical work must be carried out only 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 residual current device (RCD), with a trip current of 30 mA. Ensure power is not supplied to the appliance until after installation work has been carried out. Connection should be made via a suitable switched socket.

If the connection cable is damaged, it must be replaced with a Miele cable of the same type by a Miele approved service technician only.

## Technical data

Height	850 mm
Width	596 mm
Depth	636 mm
Depth with door open	1054 mm
Height for building under	850 mm
Width for building under	600 mm
Weight	Approx. 100 kg
Capacity	8 kg dry laundry
Voltage	See data plate
Rated load	See data plate
Fuse rating	See data plate
Consumption data	See "Consumption data"
Water flow pressure minimum	100 kPa
Water flow pressure maximum	1000 kPa
Inlet hose length	1.60 m
Drain hose length	1.50 m
Connection cable length	2.00 m
Drain pump head max.	1.00 m
Drain pump length max.	5.00 m
LEDs	Class 1
Test certificates awarded	See data plate
Power consumption when switched off	0.4 W
Power consumption when not switched off	0.4 W

# Consumption data

---

## Consumption data for the nominated energy labelling programme according to AS/NZS 2040.1 & AS/NZS 2040.2

	Load	Consumption data		
		Energy in kWh	Water in litres	Duration Normal Cold Water
Cottons <40°C	8.0 kg	0.64	67	4 h 26 min

### Notes for test institutes:

Detergent **must** be dispensed via the detergent dispenser drawer.

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

# Consumption data

		Load	Energy	Water	Duration	Residual moisture
		kg	kWh	Litres	h:min	%
Cottons	90 °C	8.0	2.40	57	2:29	50
	60 °C	8.0	1.35	57	2:29	50
	60 °C	4.0	1.00	48	2:19	50
	◁60°C	8.0	0.84	48	2:59	49
	◁60°C	4.0	0.83	46	2:59	49
	40 °C	8.0	0.98	72	2:39	50
	40 °C	4.0	0.65	48	2:39	50
	◁40°C	4.0	0.34	39	2:59	49
	20 °C	8.0	0.38	72	2:39	50
Minimum iron	30 °C	4.0	0.34	52	1:59	30
Delicates	30 °C	3.0	0.20	40	1:09	–
Woolens 	30 °C	2.0	0.23	35	0:39	–
Automatic plus	40 °C	6.0	0.60	59	1:59	–
QuickPowerWash	40 °C	5.0	0.75	45	0:59	–
Express 20 <sup>1)</sup>	40 °C	3.5	0.33	30	0:20	–
Shirts <sup>2)</sup>	60 °C	2.0	0.66	40	1:31	–

1) Quick sensor activated

2) Pre-ironing option deactivated

For labelling parameters conforming to AS/NZS 2040.1 & AS/NZS 2040.2, please refer to the previous page of this booklet.

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

With the *PowerWash 2.0* washing technique, during the heating phase, the temperature measured by the sensor in the suds container is higher than the actual temperature of the laundry.

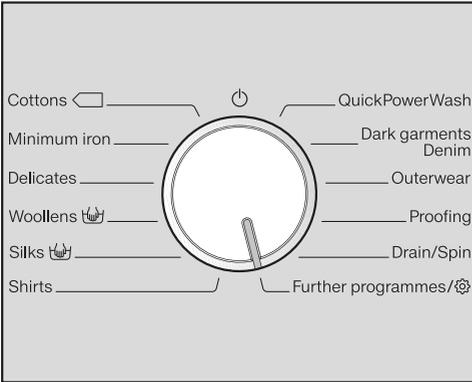
The temperature measured there **does not** reflect the temperature of the laundry.

# 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 *Further programmes/⚙️*.



- Touch the ∨∧ sensor controls 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.

- When the option you want appears in the display, touch the *OK* sensor to activate it.

## 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* (Sprache in German) acts as a guide in case a language which is not understood has been set.

The language selected is saved.

## 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 default setting)

## Keypad tone

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

### Options

- Off
- ■ □ □ □ □ □ □ □ (quiet)
- ■ ■ ■ ■ □ □ □ □ (factory default setting)
- ■ ■ ■ ■ ■ ■ ■ ■ (loud)

## Welcome tone

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

### Options

- Off
- ■ □ □ □ □ □ □ □ (quiet)
- ■ ■ ■ ■ □ □ □ □ (factory default setting)
- ■ ■ ■ ■ ■ ■ ■ ■ (loud)

# Settings

---

## Code

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

### Options

- Activate  
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.
- Change  
If wished, 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.

- Deactivate  
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 sensor controls, and the dimmed sensor controls.

### Options

- Display  
Controls the brightness of the display.
  -  (dark)
  -  (bright) (factory default setting)
- Buttons active  
Controls the brightness of the activated sensor controls.
  -  (dark)
  -  (factory default setting)
  -  (bright)
- Buttons inactive  
Controls the brightness of the sensor controls that can be activated.
  -  (dark)
  -  (factory default setting)
  -  (bright)

**Useful tip:** Ensure that there is a discernible difference in brightness between the activated and dimmed sensor controls. This makes it easier to operate the appliance.

## Disp. switch-off stat.

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

### Options

- On  
Lighting switches off after 10 minutes.
- On (not current pr.) (factory default setting)  
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 default 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 chosen again, the saved settings will appear in the display.

Memory is deactivated as standard.

## Long p-wash Cotton

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

### Options

- No increase (factory default setting)  
25-minute pre-wash.
- + 6 min  
31-minute pre-wash.
- + 9 min  
34-minute pre-wash.
- + 12 min  
37-minute pre-wash.

# Settings

---

## 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 reduce 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 reduce temperature setting is deactivated as standard.

## Water plus

You can increase the amount of water delivered in the wash programmes.

### Options

- Extra water (factory default setting)  
The water level is increased in the wash and rinse stages of the programme.
- Extra rinse  
An additional rinse cycle is carried out.
- Extra water + rinse  
The water level is increased in the wash and rinse stages and an additional rinse is carried out.

## Water plus level

There are four different water levels which can be selected by activating the *Water + Extra*.

### Levels

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

## Maximum rinse level

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

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

The maximum rinse level is deactivated as standard.

## Suds cooling

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

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

Suds cooling should be activated:

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

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 a fault message 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.

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

Anti-crease is deactivated as standard.

## Optional accessories

---

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

These and many other useful products can be ordered via the internet at [shop.miele.com](http://shop.miele.com) (depending on country) or from Miele (see end of this booklet for contact details).

### Detergent

#### UltraWhite

- Powder detergent
- Suitable for white and light coloured laundry as well as heavily soiled cotton items
- Effective stain removal even at low temperatures

#### UltraColor

- Liquid detergent for coloured items
- Suitable for coloured and dark/black items
- Protects bright colours from fading
- Effective stain removal even at low temperatures
- Also available as a powder detergent.

### Sensitive Skin Powder

- Powder detergent with a mild fragrance for use with white or light coloured garments
- Specially formulated for people with sensitive skin
- Excellent stain removal even at low temperatures
- Environmentally friendly (no phosphates) and no dyes or preservatives
- Not suitable for silks or woollens

### Specialist detergents

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

### Sportswear

- Liquid detergent for sportswear and fleece garments
- Neutralises unpleasant odours
- Retains the shape of the textiles

### Down Items

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

### WoolCare

- Liquid detergent for woollens and delicates
- Includes a special wheat protein conditioning formula
- Helps prevent pilling and felting
- Gentle on colours

### Fabric care

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

### Fabric softener

- Fresh, natural fragrance
- Makes laundry soft to handle
- Available as capsules in convenient single dose amounts and as liquid detergent.

### Additives

#### Booster

- For removing stains
- Suitable for white and coloured laundry
- Available as capsules ☼ in convenient single dose amounts

### Machine care products

#### IntenseClean

- For cleaning the washing machine thoroughly and effectively
- Removes grease, bacteria and unpleasant odours
- Use 1–3 times per year

#### Descaler

- Removes heavy limescale deposits
- Mild and gentle with natural citric acid



**Miele Australia Pty. Ltd.**

ACN 005 635 398  
ABN 96 005 635 398

**Miele Experience Centre and  
Head Office Melbourne:**

1 Gilbert Park Drive  
Knoxfield, VIC 3180

**Miele Experience Centre South Melbourne:**

206-210 Coventry Street  
South Melbourne, VIC 3205

**Miele Experience Centre and Office Sydney:**

3 Skyline Place  
Frenchs Forest, NSW 2086

**Miele Experience Centre and Office Brisbane:**

Tenancy 4C, 63 Skyring Terrace  
Newstead, QLD 4006

**Miele Experience Centre Gold Coast:**

131 Ferry Road  
Southport, QLD 4215

**Miele Experience Centre and Office Adelaide:**

83-85 Sir Donald Bradman Drive  
Hilton, SA 5033

**Miele Experience Centre and Office Perth:**

205-207 Stirling Highway  
Claremont, WA 6010



[www.miele.com.au](http://www.miele.com.au)



**Miele New Zealand Limited**

IRD 98 463 631

**Head Office:**

Level 2, 10 College Hill  
Freemans Bay, Auckland 1011

**Miele Experience Centre  
Auckland:**

8 College Hill  
Freemans Bay, Auckland 1011  
Telephone:  
0800 464 353 (0800 4 MIELE)  
[www.miele.co.nz](http://www.miele.co.nz)

**Miele Global Headquarters**

**Germany**

**Miele & Cie. KG**

Carl-Miele-Straße 29  
33332 Gütersloh  
Federal Republic of Germany

WCE 330

en-AU, NZ

M.-Nr. 10 874 781 / 01