Operating instructions for washing machines



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

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Caring for the environment

Disposal of the packing material

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

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

Disposing of your old appliance

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



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

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

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

Correct application

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

▶ The washing machine is not intended for outdoor use.

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

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

Safety with children

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

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

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

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

Technical safety

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Correct use

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

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

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

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

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

▶ Take care when opening the drum door after using the steam function. 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 descaling agent which is available to order online at www.miele.co.uk or from Miele. Strictly observe the instructions on the packaging.

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

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

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

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

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

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

Accessories

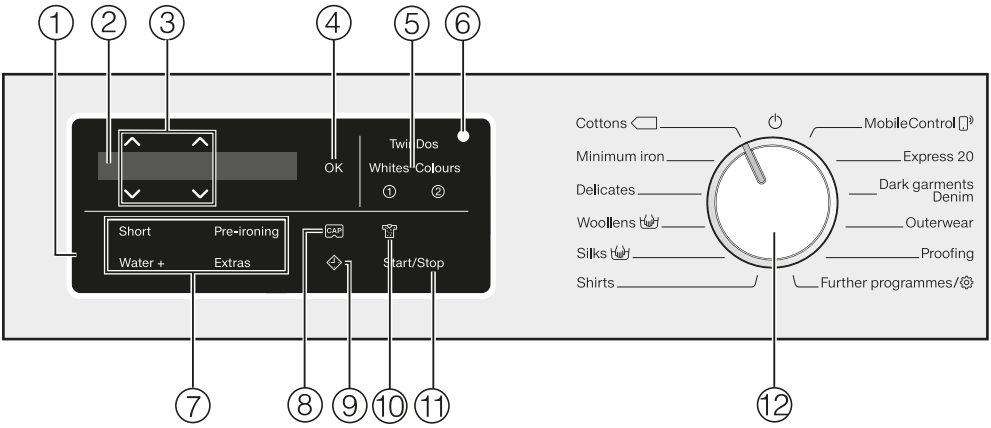
▶ Accessory parts may only be fitted when expressly approved by Miele. If other parts are used, warranty, performance and product liability claims will be invalidated.

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

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

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

Control panel



① **Control field**
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 on the display and/or selected from it:

1. The temperature, spin speed, and time left for the selected wash programme.
2. The individual values for selected extras and settings.

③ **∧∨ sensors**
Values shown in the display can be changed with the ∧∨ sensors. The ∧ sensor increases the value or moves up the list; the ∨ sensor decreases the value or moves down the list.

④ **OK sensor**
The *OK* sensor is used for confirming selected values.

⑤ **TwinDos sensor controls with options for Whites and Colours**
The TwinDos sensor is used for deactivating and activating automatic detergent dispensing. Depending the colour mix of your load you can control the detergent combination by selecting *Whites* or *Colours*. Further information can be found in the “TwinDos” chapter.

⑥ **Optical interface**
This is used by the Service department as a transmission point.

⑦ **Sensors for extra options**
You can supplement wash programmes with extra options.
If a wash programme has been selected, the sensor controls for the possible Extras light up dimly.

⑧ CAP **sensor**
This sensor is used for activating Cap dispensing.

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. Please see “Delay start” for more information.

⑩ **sensor**
You can specify the level of soiling of the load in three settings. This sensor is only active with the TwinDos option activated.

⑪ **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.

⑫ **Programme selector**
This is used for selecting programmes and for switching off. The washing machine is switched on when you select a programme, and switched off by turning the programme selector to the position.

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 machine

Scrolling through a list

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



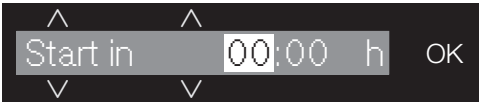
Scroll down the list with the ∨ sensor. Scroll up the list with the ∧ sensor. The *OK* sensor is used to activate the option shown in the display.

Identifying the selected option



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

Setting numerical values



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

Leaving a submenu

Select Back ⮌ to exit a submenu.

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

Remove the protective foil and stickers

■ Remove

– the protective foil from the door.

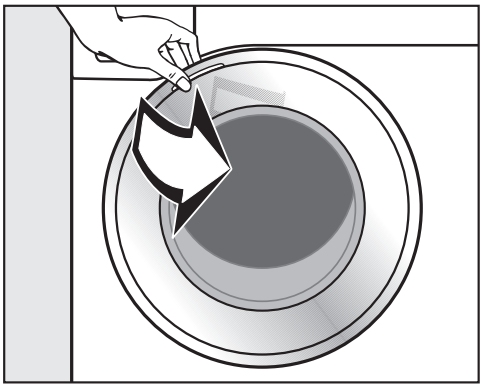
– any stickers from the front and the lid.

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

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.

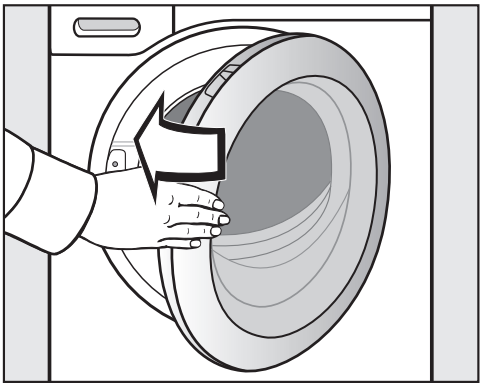
Remove the detergent cartridges and the drain hose elbow from the drum

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



■ Pull open the door.

■ Take the two cartridges and the elbow piece out of the drum.



■ Shut the door with a gentle swing.

Switching on the washing machine

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

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

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

1. Set 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 setting the programme selector to the *Further programmes*/⚙ position in the Settings ⚙ sub-menu.



- Touch the ∨∧ sensors until the language you want appears in the display.
- Confirm your selection of the language by touching the *OK* sensor.

2. Setting up Miele@home

Your washing machine is equipped with an integrated WiFi module. The washing machine can be connected to the household WiFi network.

You will then be able to operate the washing machine via the Miele@mobile app.

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

- Confirm with *OK*.

The following message then appears in the display:
Set up now

- To set up Miele@home now: Touch the *OK* sensor.
- To postpone setup until later: Touch the ∨ sensor until the following appears in the display: Set up later and press *OK* to confirm.
- Select the required connection type from the display.

1. Connect via WPS
2. Connect via App

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

Miele@mobile App

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



Connecting via WPS

Your WiFi router must support WPS (WiFi Protected Setup).

- Follow the instructions in the display.

If the connection fails, you have probably not activated WPS on your router quickly enough. Repeat the steps above.

Tip: If your WiFi router does not support WPS, please connect via the Miele@mobile app.

Connecting via the app

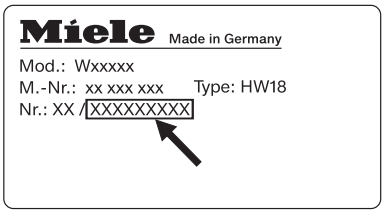
The Miele@mobile app can be used to connect to your network.

- Install the Miele@mobile app on your mobile device.
- Follow the instructions in the app.

To log in you will need:

1. Your WiFi network password
2. Your washing machine password

The password for your washing machine consists of the last nine digits on the serial number. These can be found on the appliance's data plate.



If the connection is successful, the following will appear in the display:



- Confirm with *OK*

3. Remove the transit bars

⚠ Failure to remove the transit bars can result in damage to the washing machine and to adjacent cabinetry or appliances.
Remove the transit bars as described in “Installation and connection”.

The following message appears in the display:

ℹ Remove transit bars

■ Confirm with the *OK* sensor.

4. Commissioning TwinDos

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

The following message appears in the display:
ℹ TwinDos

■ Confirm with *OK*

The following message appears in the display:
Set now

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

■ To postpone setup until later: Touch the ∨ sensor until the following appears in the display: Set later and press *OK* to confirm.

Settings for compartment ①

The UltraPhase 1 values are pre-set in the standard settings.



■ Confirm with the *OK* sensor.



■ Confirm with the *OK* sensor.

The following will appear in the display:
ℹ Set the dosage. Observe water hardness levels

■ Confirm with the *OK* sensor.

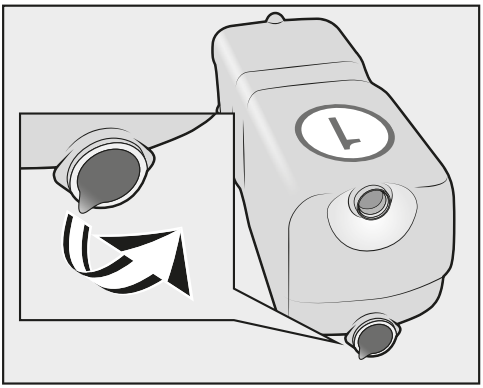
The dispensing quantity for UltraPhase 1 is pre-set for **(hardness range II)**.



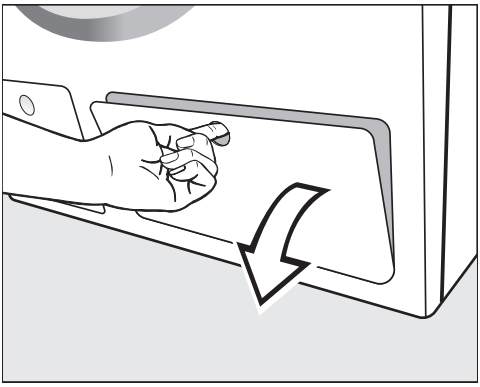
■ Confirm the pre-set value with the *OK* sensor or correct the value with the ∨∧ sensors and confirm this with the *OK* sensor.

UltraPhase 1	
Hardness level I	48 ml
Hardness level II	60 ml
Hardness level III	72 ml

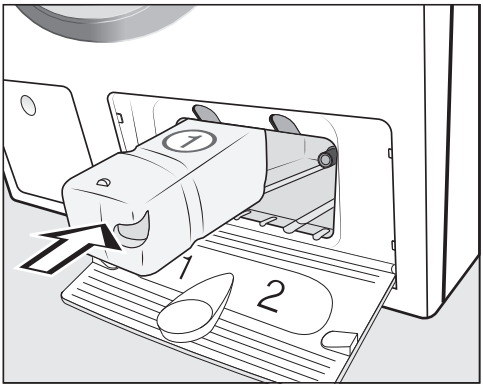
The following appears in the display:
ℹ Insert ①



■ Remove the foil or the stopper from the detergent cartridge.



■ Open the access panel for TwinDos.



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

Settings for compartment ②

The UltraPhase 2 values are pre-set in the standard settings.

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



■ Confirm with the *OK* sensor.



■ Confirm with the *OK* sensor.

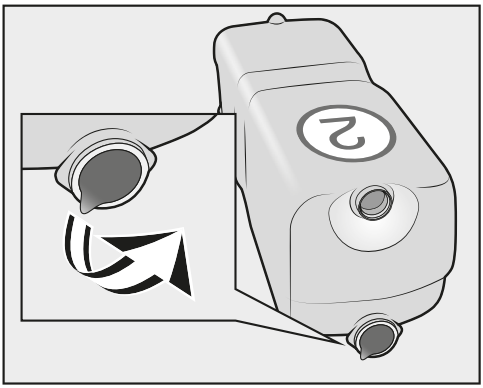
The dispensing quantity for UltraPhase 2 is pre-set for **(hardness range II)**.



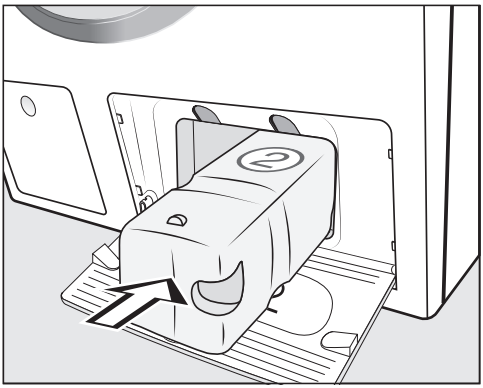
■ Confirm the pre-set value with the *OK* sensor or correct the value with the ∨∧ sensors and confirm this with the *OK* sensor.

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

The following appears in the display:
ℹ Insert ②



■ Remove the foil or the stopper from the detergent cartridge.



■ Push the **UltraPhase 2** detergent cartridge into **compartment 2** until it locks into position.

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

■ Confirm with the *OK* sensor.

■ Close the TwinDos access panel.

Using other detergents with TwinDos

The TwinDos dispenser can be used for other liquid detergents. Refillable TwinDos containers (optional accessories) are required for this. See “Settings - TwinDos” for more detailed information.

5. 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.

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 this with *OK*.

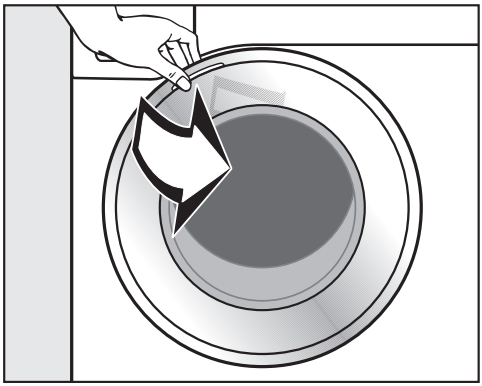


- Open the stopcock.
- Touch the *Start*/*Stop* sensor.

The calibration programme then starts. It will take approximately 2 hours.

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

i Set up complete



- Take hold of the door and pull it open.

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

- 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 automatic 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 the "Clean machine" programme.

Detergent

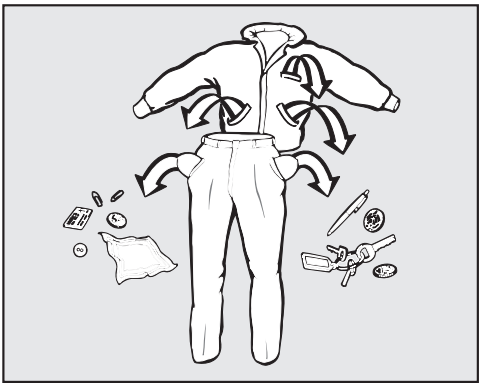
– For precise dispensing use automatic detergent dispensing.

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

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

When drying with a tumble dryer

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



■ Empty all pockets.

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

Sort the laundry

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

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

Pre-treat stains

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

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

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

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

General tips

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

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

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

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

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

2. Select a programme

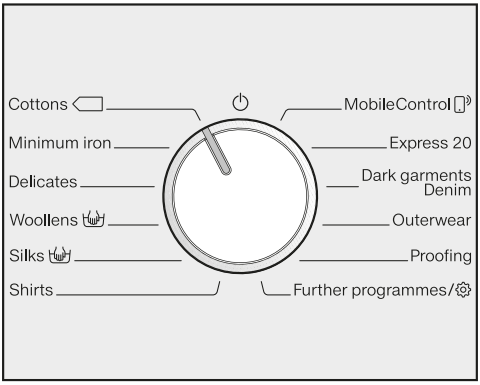
Switching on the washing machine

- Turn the programme selector to a programme.

Programme selection

There are three possible ways to select a programme:

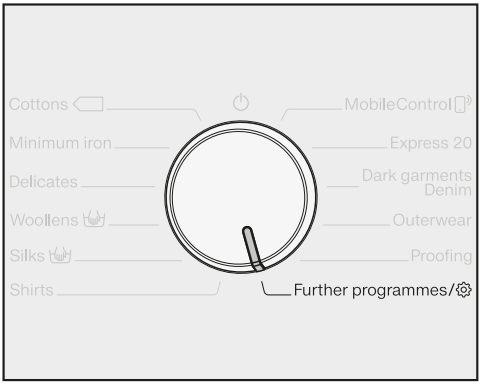
1. Select standard programmes with the programme selector dial



- Turn the programme selector to the required programme.

The selected programme will be shown in the display. The standard display will then appear.

2. Select additional programmes by setting the programme selector to the “Further programmes/⚙” position and using the display:



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

The following appears in the display:

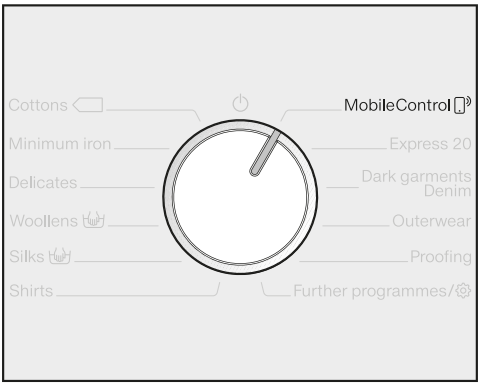


- Touch the ∨∧ sensors until the programme you want appears in the display.
- Confirm the programme with the *OK* sensor.

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

3. Selecting programmes via the MobileControl programme selector position and the Miele@mobile app

Tip: In order to use MobileControl, the washing machine must be logged on to the WiFi network and Remote control must be switched on.



- Turn the programme selector to the *MobileControl* position.

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

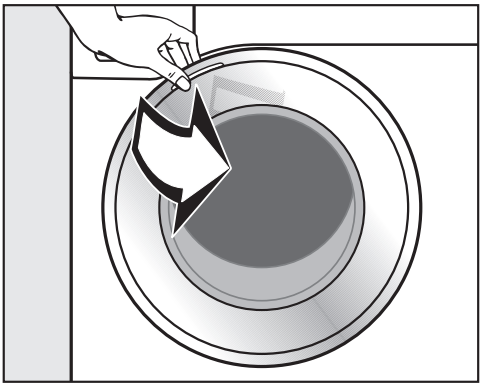
- Follow the instructions in the display and start the programme.

The following appears in the display:
MobileControl

The washing machine can now be operated with the Miele@mobile app.

3. Load the washing machine

Open the door



■ Take hold of the door and pull it open.

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

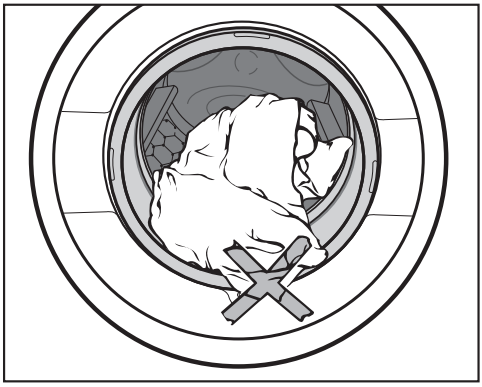
The most efficient use of energy and water is achieved when a full load is washed. However, do not overload as this reduces cleaning efficiency and causes creases.

■ Unfold the laundry and load loosely into the drum.

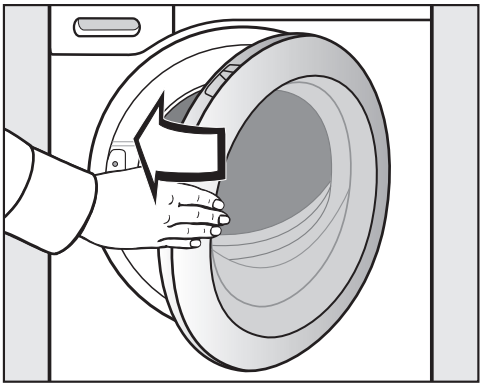
Mixing both large and small items gives better wash results and also helps distribute the load evenly during spinning.

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

Close the door



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



■ Shut the door with a gentle swing.

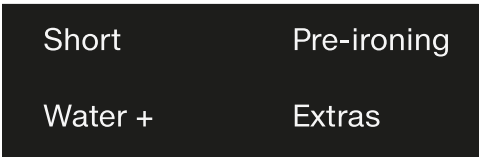
Selecting a temperature/spin speed

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



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

Selecting an extra option



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

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

Not all extra options can be selected with every programme. If an extra option is not dimly lit, this option is not permitted for the wash programme (see “Extra options”).

Extras sensor control

You can select additional extras using the Extras sensor.

- Touch the *Extras* sensor.

The following appears in the display:



- Touch the ∨∧ sensors until the extra option you want appears in the display.
- Confirm the extra option with *OK*.

Level of soiling

The sensor is only active with the TwinDos option activated. See “5. Add detergent, TwinDos” for more information.

4. Select programme settings

Delay start/SmartStart

Delay start

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

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

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

Setting the delay start time

- Touch the sensor.

The following will appear in the display:



- 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.

Tip: The values will count upwards and downwards automatically if you keep your finger on the ∨∧ sensor.

Altering Delay start

The selected delay start time can be changed before the programme start.

- Touch the sensor.
- Change the specified time and confirm with the *OK* 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 0:00 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.

SmartStart

The SmartStart function lets you define a period of time during which your washing machine will start automatically. The machine will start on receipt of a signal, e.g. from your energy supplier, that indicates that the electricity tariff is particularly economical.

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

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

Setting the timeframe

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

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

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

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

- Use the ∨∧ sensors to enter the minutes and confirm your entry with the *OK* sensor.
- Press the *Start*/*Stop* sensor to start the wash programme with SmartStart.

The following will appear in the display:



5. Add detergent

There are several options for adding detergent.

TwinDos

The washing machine has the TwinDos system.

TwinDos has to be activated as described in “Before using for the first time”.

How UltraPhase 1 and UltraPhase 2 work

UltraPhase 1 is a liquid detergent which dissolves dirt and removes the most common stains. UltraPhase 2 is a bleaching agent and removes stubborn stains. For the best washing result, these two agents are dispensed at separate times during the washing process. UltraPhase 1 and UltraPhase 2 clean white and coloured fabrics thoroughly. UltraPhase 1 and UltraPhase 2 single-use cartridges are available to order from Miele, your Miele dealer or via the Miele online shop.

Activating TwinDos dispensing

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

Tip: The detergent dispensing quantities are pre-set. If too much foam builds up, the dispensing quantity can be reduced via Settings ⚙ TwinDos.

Changing TwinDos dispensing

You can change the suggested colour composition of the laundry.

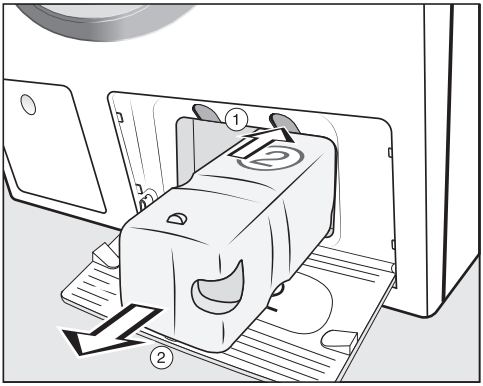
- Touch the sensor for *Whites* or *Colours*.

Deactivating TwinDos dispensing

- Touch the *TwinDos* sensor.

The sensor control is only dimly lit and dispensing is deactivated.

Removing the cartridges



① Press the yellow button above the cartridge to release the lock.

② Pull out the cartridge.

Level of soiling

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

– Light
No visible soiling or stains

– Normal
Visibly soiled and/or just a few slight stains

– Heavy
Heavily soiled and/or stains clearly visible.

The dispensing amount for TwinDos and the amount of water required for rinsing is pre-set for the Normal level of soiling.

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

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

Using other methods to remove stains

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

– Using the Booster cap and activating the CapDosing.

– Add stain remover to the II compartment.

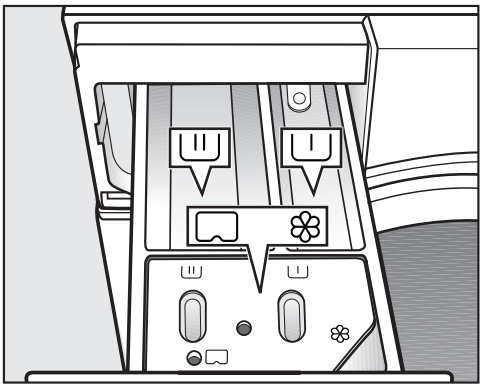
5. Add detergent

Detergent dispenser drawer

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

Ensure that TwinDos dispensing is deactivated.

Adding detergent



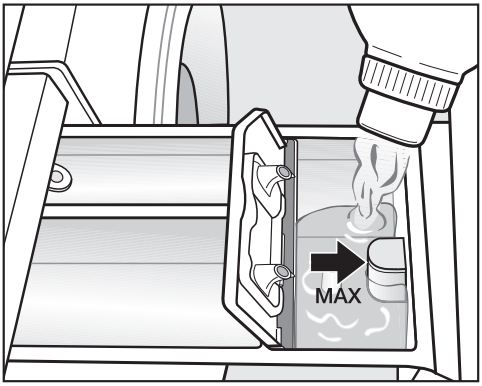
- Pull out the detergent drawer and add detergent to the compartments.

I Detergent for the pre-wash

II Detergent for the main wash and soaking

❀ Fabric softener, liquid starch, or capsules

Adding fabric conditioner



- Add fabric conditioner 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 ❀ compartment.

If starching frequently, thoroughly clean the dispenser compartment, especially the siphon tube, regularly.

Tips on dosing

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

Too little detergent:

– Results in laundry not being cleaned properly and may cause it to become grey and hard to the touch over time.
– Can lead to a build-up of mould in the washing machine.
– Results in grease not being completely removed from the laundry.
– Can lead to limescale deposits on the heater elements.

Too much detergent

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

Using liquid detergent with a pre-wash

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

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

Using detergent tablets or pods

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

5. Add detergent

CapDosing

Three different types of capsule are available:

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

Each capsule contains the correct amount for one wash cycle.

You can order the capsules online at www.miele.co.uk 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.

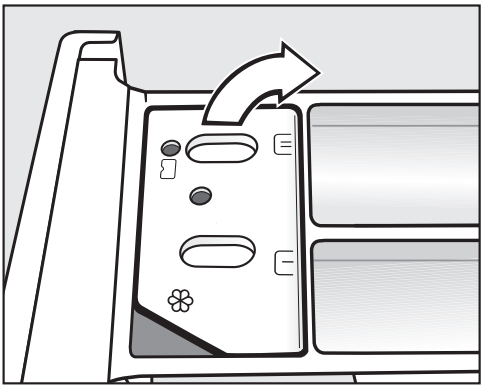
The following appears in the display:



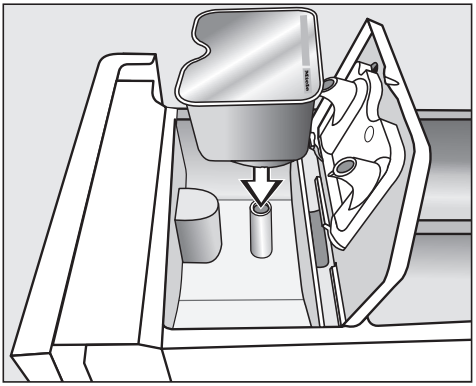
- Touch the ∨∧ sensors until the capsule you want appears in the display.
- Confirm the capsule with the *OK* sensor.

Inserting a capsule

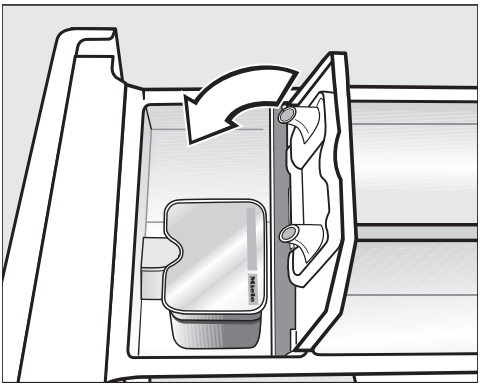
- Open the detergent dispenser drawer.



- Open the lid of the ❀/ compartment.



- Press the capsule in firmly.



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

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

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

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

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

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

Deactivating or changing Cap-Dosing

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

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

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

Energy savings

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

To reactivate the indicators:

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

End of programme

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



and

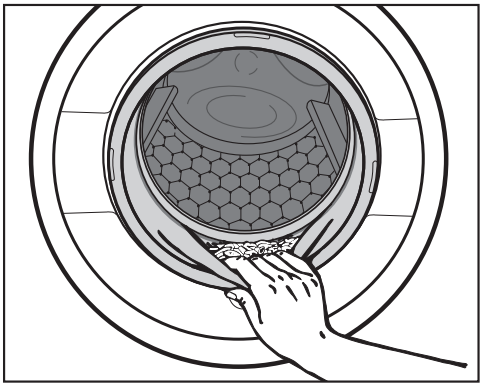


■ Touch the *Start*/*Stop* sensor. The door will unlock.

■ 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.

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

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

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

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

Final spin speed in the programme

When a programme is selected, the optimum spin speed for this wash programme is shown 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
Woollens	1200
Silks	600
Shirts	900
Express 20	1200
Dark garments / Denim	1200
Outerwear	800
Proofing	1000
Sportswear	1200
Automatic plus	1400
Separate rinse/Starch	1400
Drain / Spin	1400
Clean machine	900

Interim spin

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

Omitting the 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.

To end the wash programme

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

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

The water will be pumped away.

Omitting the 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

Cottons	**cold to 90 °C**	**Max. load 8.0 kg**
Use for	Cotton, linen or cotton mix fabric, e.g. table linen, towelling, underwear, T-shirts etc.	
Note	The settings 60 °/40 °C differ from 60°C/40°C as follows: – Shorter programme durations – Longer temperature holding times – Higher energy consumption Where particularly high levels of hygiene are required please select a temperature of 60 °C or higher.	
Cottons	**60°C/40°C**	**Max. load 8.0 kg**
Use for	Normally soiled cotton garments.	
Notes	– These settings are the most efficient in terms of energy and water consumption for washing cottons. – With 60°C the actual wash temperature reached will be lower than 60 °C although the wash performance is the same as with the standard Cottons 60 °C programme.	
Note for test institutes: The test programme conforms to EN 60456 and the energy label to Directive 1061/2010.		
Minimum iron	**Cold to 60 °C**	**Max. load 3.5 kg**
Use for	Synthetic and mixed fibre textiles as well as easy care cotton	
Note	Reduce the spin speed for fabric that creases easily.	

Delicates	**cold to 40 °C**	**Max. load 2.0 kg**
Use for	Delicate garments made from synthetic fibre, mixed fibre, rayon and viscose. Curtains, including net curtains, specified as machine-washable by the manufacturer.	
Notes	– Dust in curtains usually makes a programme with pre-wash advisable. – Deselect the spin for items which crease easily.	
Woollens	**cold to 40 °C**	**Max. load 2.0 kg**
Use for	Machine-washable or hand-washable wool or wool blend fabric. If the care label does not specify a temperature, wash using the cold setting.	
Note	Reduce the spin speed for items which crease easily.	
Silks	**cold to 30 °C**	**Max. load 1.0 kg**
Use for	Silks and other handwashable fabric with no wool content.	
Note	Place tights, bras etc. in a laundry bag.	
Shirts	**Cold to 60 °C**	**Max. load 1.0 kg/2.0 kg**
Use for	Shirts and blouses made of cotton and mixed fibre.	
Notes	– Pre-treat collars and cuffs if necessary. – Wash silk shirts and blouses in the *Silks* programme. – If the preset *Pre-ironing* option is switched off, the maximum load capacity is increased to 2.0 kg.	
MobileControl		
The Miele@mobile app is used for selecting programmes and operating the machine.		

Programme chart

Express 20	**Cold to 40 °C**	**Max. load 3.5 kg**
Use for	Cotton garments that have hardly been worn or are only very lightly soiled	
Note	The *Short* option is activated automatically.	
Dark garments / Denim	**cold to 60 °C**	**Max. load 3.0 kg**
Use for	Black and dark items made of cotton, mixed fibre or denim.	
Notes	– Wash inside out. – Denim often contains excess dye and may run during the first few washes. Wash light and dark coloured items separately.	
Outerwear	**cold to 40 °C**	**Max. load 2.5 kg**
Use for	Performance outerwear (e.g. jackets and trousers) made from membrane fabric such as Gore-Tex®, SYMPATEX®, WINDSTOPPER® etc.	
Notes	– Zip up or close jackets before washing. – Do not use fabric conditioner. – If wished, these garments can also be re-proofed using the *Proofing* programme. Proofing should not be done every time the garment is washed.	
Proofing	**40 °C**	**Max. load 2.5 kg**
Use for	Treating microfibre fabric, skiwear and table linen made from mainly synthetic fibres to provide a water and dirt resistant finish.	
Notes	– The items should be freshly laundered and spun or dried before proofing. – For best results, the items should be heat-treated afterwards either in a tumble dryer or by ironing.	

Programmes accessed via Further programmes/⚙ on the programme selector

Sportswear	**cold to 60 °C**	**Max. load 3.0 kg**
Use for	Sportswear such as singlets and leggings as well as microfibre and fleece garments.	
Notes	– Do not use fabric conditioner. – Observe the manufacturer's care label.	
Automatic plus	**cold to 40 °C**	**Max. 6.0 kg**
Use for	Mixed loads of garments suitable for the *Cottons* and *Minimum iron* programmes.	
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.	
Separate rinse/Starch		**Max. load 8.0 kg**
Use for	– Rinsing hand-washed items – Starching table cloths, serviettes and workwear.	
Notes	– Reduce the spin speed for items which crease easily. – Laundry that is to be starched should be washed but not treated with fabric conditioner. – Items will be rinsed very effectively using two rinse cycles by activating the *Water +* option.	
Drain / Spin		**Max. load 8.0 kg**
Notes	– Drain only: Select 0 rpm for the spin speed. – Make sure you select the appropriate spin speed.	

Programme chart

Settings ⚙/maintenance

Settings ⚙

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

Maintenance

The washing machine has two maintenance programmes.

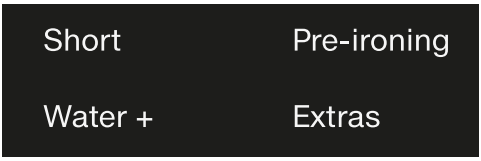
1. Clean machine for cleaning the washing machine.
2. TwinDos mainten. for maintenance of TwinDos compartments ①/②. See “Cleaning and care – TwinDos maintenance” for more details.

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

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

Selecting Extras

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



- Touch the sensor for the extra option you want.

The relevant sensor will light up brightly.

Not all extra options can be selected with every programme.

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

Short

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

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 +* control. These are described in “Settings”.

Extra options can be selected using the “Extras” sensor control

Selecting extra options in the display

- Touch the *Extras* sensor.

The first extra option which can be selected appears in the display.

- Touch the ∨∧ sensors until the extra option you want appears in the display.
- Confirm the extra option with *OK*.

The extra option will be given a ✓ next to it.

Deselecting an extra option

- Touch the *Extras* sensor.

The first extra option which can be selected appears in the display.

- Touch the ∨∧ sensors until No Extras appears in the display.
- Confirm No Extras with the *OK* sensor.

The previously selected extra option 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 (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 - Extra options

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

	Short	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
Woollens	–	–	–	–	–	–	X	–	–
Silks	–	–	–	–	–	–	X	–	–
Shirts	X	✓	X	X	X	–	X	X	X
Express 20	✓	X	–	–	–	–	–	–	–
Dark garments/Denim	X	X	X	X	X	–	X	X	X
Outerwear	X	–	X	X	X	–	X	X	–
Sportswear	X	–	X	X	X	–	X	X	X
Automatic plus	X	X	X	X	X	–	X	X	X
Separate rinse/Starch	–	–	X	–	–	–	–	–	–
Clean machine	✓	–	–	–	–	–	–	–	–

X = can be selected – = cannot be selected

✓ = activated automatically

Programme sequence

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

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

= low water level

= medium water level

= high water level

Ⓐ = intensive rhythm

Ⓑ = normal rhythm

Ⓒ = sensitive rhythm

Ⓔ = handwash rhythm

✓ = carried out

– = not carried out

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

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

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

Special features in the programme sequence

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

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

[2] An additional rinse is carried out if:

– there is too much foam in the drum

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

[3] An additional rinse is carried out if:

– *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.

Changing the programme sequence

Cancelling a programme

You can cancel a wash 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.

Tip: If ℹ 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 change the programme.

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 ∨ sensor control to scroll through the list:



- 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* button.

The following will appear in the display:



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



- Touch the *OK* sensor.

The programme will stop and the door will unlock.

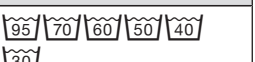
- Pull open the door.
- Add or remove items.
- Close the door.
- Touch the *Start*/*Stop* sensor.

The programme will continue.

Garment care label symbols

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

Programme selection examples

Programme	Garment care label symbols
Cottons	
Minimum iron	
Delicates	
Woollens 	
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	
	Hot iron (max. sole plate temp. approx. 200 °C)
	Medium hot iron (max. sole plate temp. approx. 150 °C)
	Cool iron (max. sole plate temp. approx. 110 °C). Do not steam iron garments carrying this symbol as this could cause irreversible damage.
	Do not iron

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

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

The correct detergent

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

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

The right amount to dispense will depend on the following:

– the soiling level of the load

– the quantity of the laundry

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

Water softeners

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

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

Water hardness levels

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

Dispensing aids

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

Refill packs of detergent

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

Fabric conditioner and liquid starch

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

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

Adding fabric conditioner or liquid starch separately

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

Tip: When adding fabric conditioner, activate the *Water +* extra.

TwinDos dispensing

One of the automatic dispensing containers must be filled with fabric conditioner.

- Select the *Separate rinse*/*Starch* programme.
- Touch the *TwinDos* sensor.
- Activate the appropriate container.
- Touch the *Start*/*Stop* sensor.

Dispensing via the detergent dispenser drawer

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

Colour run and dye removers/ dyes

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

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

Miele recommended detergents

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

	Miele UltraPhase 1 / 2	Miele Cap	Miele Cap	Miele Cap
Cottons	✓	–	Ⓕ	Ⓗ
Minimum iron	✓	–	Ⓕ	Ⓗ
Delicates	✓	Ⓐ, Ⓑ, Ⓒ	Ⓕ	–
Woollens	–	Ⓓ, Ⓔ	–	–
Silks	–	Ⓔ	–	–
Shirts	✓	–	Ⓕ	Ⓗ
Express 20	✓	–	Ⓕ	–
Dark garments / Denim	✓	–	Ⓕ	–
Outerwear	–	Ⓒ	–	–
Proofing	–	–	Ⓖ	–
Sportswear	–	Ⓐ	–	–
Automatic plus	✓	–	Ⓕ	Ⓗ
Separate rinse / Starch	–/–	–/–	Ⓕ/–	–/–

✓ Recommended
– Not recommended

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

Detergent

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

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

	Universal	Coloureds	Delicates and woollens	Specialist
	detergent			
Cottons	✓	✓	–	–
Minimum iron	–	✓	–	–
Delicates	–	–	✓	–
Woollens	–	–	✓	✓
Silks	–	–	✓	✓
Shirts	✓	✓	–	–
Express 20	–	✓[1)]	–	–
Dark garments / Denim	–	✓[1)]	–	✓
Outerwear	–	–	✓	✓
Sportswear	–	–	✓	✓
Automatic plus	–	✓	–	–
Clean machine	✓[2)]	–	–	✓

✓ Recommended

– Not recommended

1) Liquid detergent

2) Powder detergent

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 the "Clean machine" programme

External casing and fascia panel

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

⚠ The washing machine must not be hosed down.

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

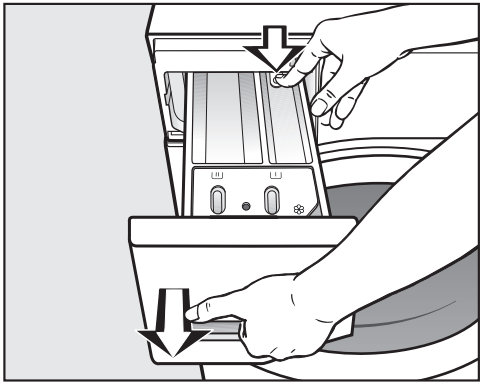
⚠ Do not use solvents, abrasive cleaners, glass cleaners or multi-purpose cleaning agents. These could damage plastic surfaces and other parts.

Cleaning the detergent dispenser drawer

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

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

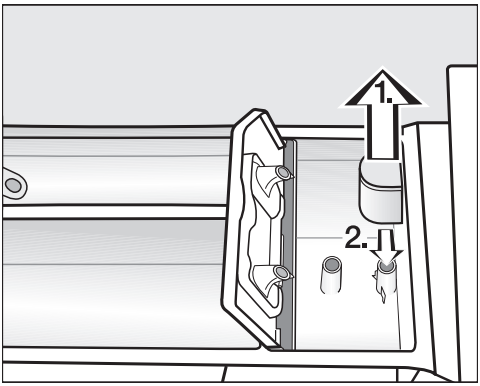
Removing the dispenser drawer



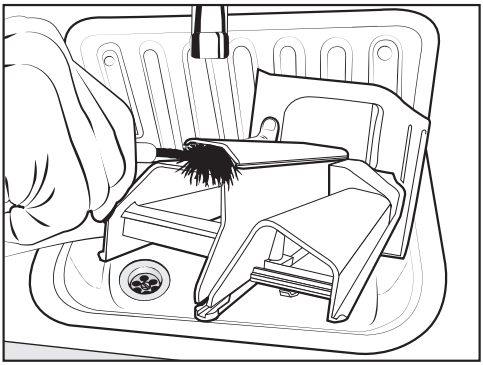
- Pull out the detergent dispenser drawer until a resistance is felt. Press down the release button and at the same time pull the drawer right out of the machine.
- Clean the detergent drawer with warm water.

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.

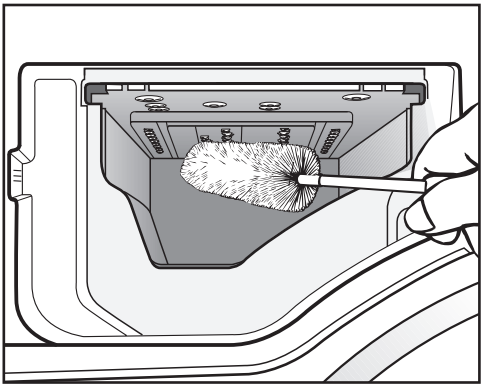


1. Remove the siphon from ❀ compartment and clean under warm running water. Clean the siphon tube in the same way.
2. Replace the siphon.



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

Cleaning the detergent dispenser drawer compartment



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

■ Replace the detergent dispenser drawer.

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

TwinDos maintenance

⚠ If the system has not been used for a long time (more than two months) the detergent in the hoses can become viscous.

The hoses could become blocked and would then need to be cleaned by a service technician.

Clean the TwinDos system

To clean the system you either need a "TwinDosCare" cleaning cartridge or an empty TwinDos container. Both are available from the Miele online shop.

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

Starting the maintenance programme

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



- Touch the ∨∧ sensor controls until the following appears in the display:



- Confirm the setting with the *OK* sensor.
- Touch the ∨∧ sensor controls until the following appears in the display:



- Confirm the setting with the *OK* sensor.



- Touch the ∨∧ sensor controls until the compartment you want appears in the display and confirm this with the *OK* sensor.



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



- Confirm the setting with the *OK* sensor.
- Follow the instructions in the display.

This cleans the hoses. The TwinDos system can then be used again at any time.

Cleaning the compartment

Detergent residue can cause clogging.

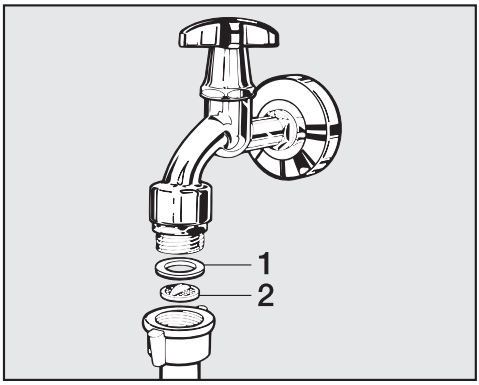
- Use a damp cloth to clean the compartment interior when you change the cartridge or container.

Cleaning the water inlet filters

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

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

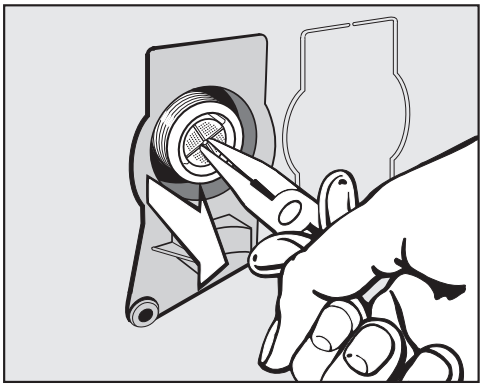
- First turn off the stopcock.
- Unscrew the inlet hose from the stopcock.



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

To clean the filter in the water inlet valve:

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



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

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

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

Many malfunctions and faults that can occur in daily operation can be easily remedied. Time and money will be saved because a service call will not be needed.

The following guide may help you to find the reason for a malfunction or a fault, and to correct it.

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

The programme does not start

Problem	Cause and remedy
The display remains dark, and the Start/Stop button indicator light does not come on.	There is no power to the machine. ■ Check whether the mains plug is plugged in and switched on. ■ Check whether the fuse or circuit breaker has tripped.
	The washing machine has switched off automatically to save energy. ■ Switch it back on with the ⏻ button.
The display prompts you to enter a code.	Access via a code has been activated. ■ Enter the code and confirm the entry. Deactivate the code if you do not wish this message to appear in the display the next time the machine is switched on.
The following appears in the display: ⚠ Service Door lock fault F34	The door is not closed properly. The door lock could not engage. ■ Close the door again. ■ Start the programme again. If the fault message appears again, contact Miele.

Problem solving guide

Fault message after a programme has been interrupted.

Problem	Cause and remedy
⚠ Drainage See 🕮	The water outlet is blocked or restricted. The drain hose has been fixed too high. ■ Clean the drain filter and the drain pump. ■ The maximum delivery head is 1 m.
⚠ Water intake See 🕮	The water inlet is blocked or restricted. ■ Check whether the stopcock has been properly opened. ■ Check whether the inlet hose is kinked. ■ Check whether there is sufficient water pressure.
	The filter in the water inlet is blocked. ■ Clean the filter.
	The drain pump is activated for 2 minutes. The washing machine door is then released. Wait for the drain pump to stop before switching the machine off.
⚠ Waterproof system. Turn off 🚰 📞 Service	The water protection system has reacted. ■ Close the stopcock. ■ Call Miele.
⚠ 📞 Service Fault F	There is a fault. ■ Disconnect the washing machine from the mains electricity supply, either by switching it off at the wall socket and withdrawing the plug, or by disconnecting it at the circuit breaker. ■ Wait **at least 2 minutes** before reconnecting the washing machine to the mains electricity supply. ■ Then switch the washing machine on again. ■ Restart the programme. If the fault message appears again, contact Miele.

To switch off the fault messages: Switch the washing machine off with the ⏻ button.

Fault message at the end of a programme

Problem	Cause and remedy
i Check dosage	Excessive foam has built up during washing. ■ With TwinDos, check the dosage amount set. ■ Reduce the amount set in 10 % increments. ■ Use less detergent next time and follow the manufacturer's instructions on dosage given on the packaging.
i Hygiene info: run a programme at min. 75 °C or the "Clean machine" programme	A wash programme using a temperature above 60 °C has not been run for a long time. ■ Turn the programme selector to *Further programmes*/⚙. ■ Touch the ∧∨ sensors until Maintenance appears in the display. ■ Touch the *OK* sensor to confirm. The following appears in the display: Clean machine ■ Touch the *OK* sensor to confirm. ■ Run the Clean machine programme using Miele machine cleaner or a universal powder detergent. This will clean the washing machine and prevent a build-up of bacteria and odours.
i Align the washing machine	The Pre-ironing extra option which runs at the end of the programme could not be carried out properly. ■ Check whether the washing machine is aligned correctly as described in “Installation and connection – Levelling the machine”. ■ Check whether the maximum delivery head of 1 m has been exceeded.
	If the fault message appears again, contact Miele. The washing machine can still be used, however without the Pre-ironing extra option.

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

Problem solving guide

Messages or faults with the TwinDos system

Problem	Cause and remedy
i Cartridge 1 almost empty. Only a few more programmes are possible	The detergent in the cartridge is running low. There is sufficient left for approx. 4 to 8 wash programmes. ■ Order a new cartridge.
i TwinDos ① is empty. Check wash results	The cartridge is empty. ■ Replace the cartridge. ■ Check whether the laundry is clean. If it is not, there may not have been enough detergent. Wash the laundry again if necessary.
i Use "TwinDos" or start Maintenance. See 🕮	TwinDos or automatic dispensing via compartment ① and/or ② has not been used for a long time. ■ Use TwinDos for one of your next loads. ■ Carry out the TwinDos maintenance programme as described in “Cleaning and care - TwinDos maintenance”.
⚠ TwinDos Maintenance for compartment ① must be started. See 🕮	TwinDos or automatic dispensing via compartment ① and/or ② has not been used for a long time. It is possible that detergent has dried inside the hoses. ■ Carry out the TwinDos maintenance programme **immediately** as described in “Cleaning and care - TwinDos maintenance”.
No detergent was dispensed.	Automatic dispensing is deactivated. ■ Before the next wash programme, ensure that the *TwinDos* sensor control is lit.
	Detergent is not dispensed even though the *TwinDos* sensor control is lit. ■ Try again. ■ If detergent is still not dispensed, call Miele.

The messages shown on this page are examples. They may differ depending on whether they refer to compartment ① or ②.

General problems with the washing machine

Problem	Cause and remedy
The washing machine smells.	Hygiene info was ignored. A wash programme using a temperature above 60 °C has not been run for a long time. ■ In order to prevent bacteria and unpleasant odours building up in the washing machine, run the *Maintenance wash* programme using Miele machine cleaner or a universal powder detergent.
	The door and the detergent dispenser drawer were left open after washing. ■ Leave the door and the detergent dispenser drawer slightly open to allow them to dry.
The machine shakes during the spin cycle.	The machine feet are not level. ■ Level the machine and adjust the feet correctly.
The laundry has not been spun properly and is still wet.	The machine detected an imbalance during the final spin cycle and reduced the spin speed automatically. ■ Include both large and small items in the load as this will give better distribution during spinning.
Strange pump noises can be heard.	This is not a fault. These slurping noises occur at the end of the pump sequence as a normal part of operation.
The display is in a different language.	A different language has been selected in “Settings, Language ⚑”. ■ Set the language you want. The flag symbol will guide you.

Problem solving guide

General problems with the washing machine

Problem	Cause and remedy
Large amounts of detergent residue remain in the detergent dispensing drawer.	The water pressure is too low. ■ Clean the water inlet filter. ■ Please note that the water pressure must be at least 100 kPa (1 bar).
	Powder detergent used in conjunction with water softeners tends to become sticky. ■ Clean the detergent dispenser drawer and, in the future, add washing powder to the dispensing drawer first, and then add the water softener.
Fabric conditioner is not completely dispensed or too much water remains in the ❀ compartment.	The siphon tube is not correctly positioned or is clogged. ■ Clean the siphon, see “Cleaning and care - Cleaning the detergent dispenser drawer”.
At the end of the programme there is still liquid in the capsule.	The small pipe in the detergent dispenser drawer onto which the capsule is placed is blocked. ■ Clean the small pipe.
	This is not a fault. For technical reasons a small amount of water will remain in the capsule.
There is water next to the capsule in the fabric conditioner compartment	The CAP sensor was not activated or an empty capsule was not removed at the end of the last wash programme. ■ Activate the CAP sensor when a capsule is next used. ■ Remove and dispose of the empty capsule at the end of each programme.
	The small pipe in the detergent dispenser drawer onto which the capsule is placed is blocked. ■ Clean the small pipe.

An unsatisfactory wash result

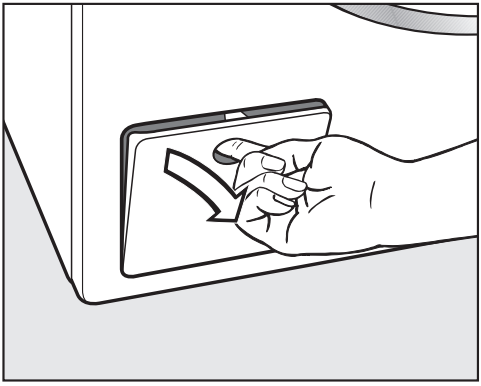
Problem	Cause and remedy
Grey, greasy particles cling to washed laundry.	Insufficient amounts of detergent were used to break down the particles of grease in heavily soiled laundry. ■ Use more detergent. ■ Before washing the next load, run the *Maintenance wash* using Miele machine cleaner or a powder detergent.
White residues which look like powder detergent are seen on dark textiles after washing.	The detergent contained compounds (zeolites) to aid water softening which are not soluble in water. These have ended up on the laundry. ■ Try and brush off the residues with a soft brush once the laundry is dry. ■ Wash dark textiles using a detergent which contains no zeolites. Liquid detergents usually contain no zeolites. ■ Use the *Dark garments* / *Denim* programme for dark coloured laundry.

The door will not open

Problem	Cause and remedy
The door cannot be pulled open during a programme.	The door is locked during a programme. ■ Touch the *Start*/*Stop* sensor to cancel the programme. The programme is cancelled, the door will unlock and you will be able to pull it open.
	There is still water in the drum and the machine is unable to drain. ■ Clean the drain filters and the drain pump as described in “Opening the door in the event of a blocked drain outlet and/or power failure”.
Comfort cooling **appears in the display after a programme has been cancelled.**	To protect the user against scalding, the door cannot be opened if the suds temperature is higher than 55 °C. ■ Wait until the temperature in the drum has decreased and the message has gone out in the display.
The following appears in the display: ⚠ Service Door release fault F35	The door lock has jammed. ■ Call Miele.

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

■ Switch off the washing machine.



■ Open the drain pump access panel.

Blocked drain outlet

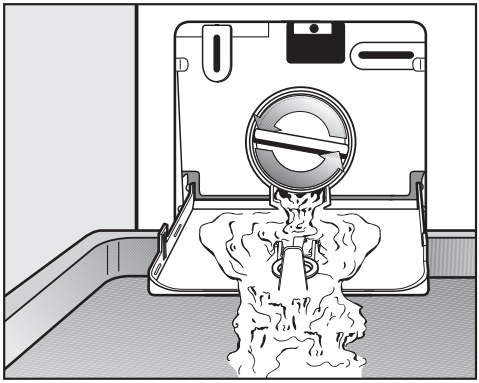
If the drain outlet is blocked, there may be a large quantity of water left behind in the washing machine.

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

Draining the washing machine

Remove the drain filter, though not completely.

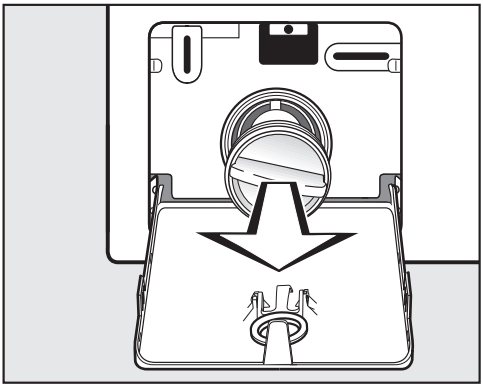
■ Place a suitable container under the access panel, e.g. a universal oven tray.



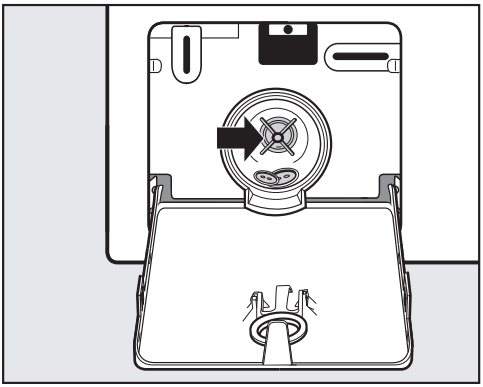
■ Slowly unscrew the drain filter to let the water out.

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

Once the flow of water ceases:



■ Remove the drain filter completely.

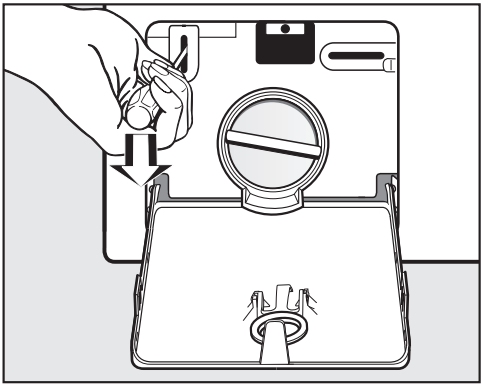


- Clean the drain filter thoroughly.
- Remove any foreign objects (e.g., buttons, coins etc.) and clean the interior. Turn the impellers by hand to check that they rotate freely.
- Replace the drain filter correctly and tighten it securely.
- Close the drain pump access panel.

⚠ Risk of water damage.
Make sure the drain filter is securely tightened. Otherwise there is a risk of water leakage during use.
Replace the drain filter correctly and tighten it securely.

Open the door

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



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

Contact in case of malfunction

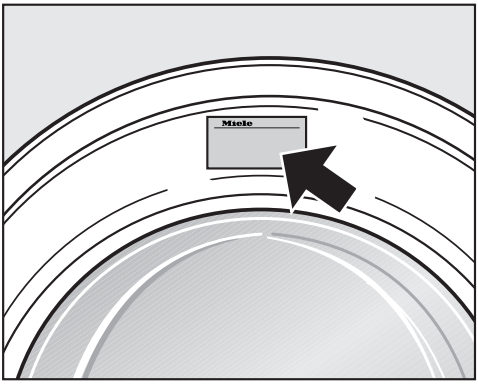
In the event of any faults which you cannot remedy yourself, please contact your Miele Dealer or Miele Service.

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

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

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

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



Optional accessories

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

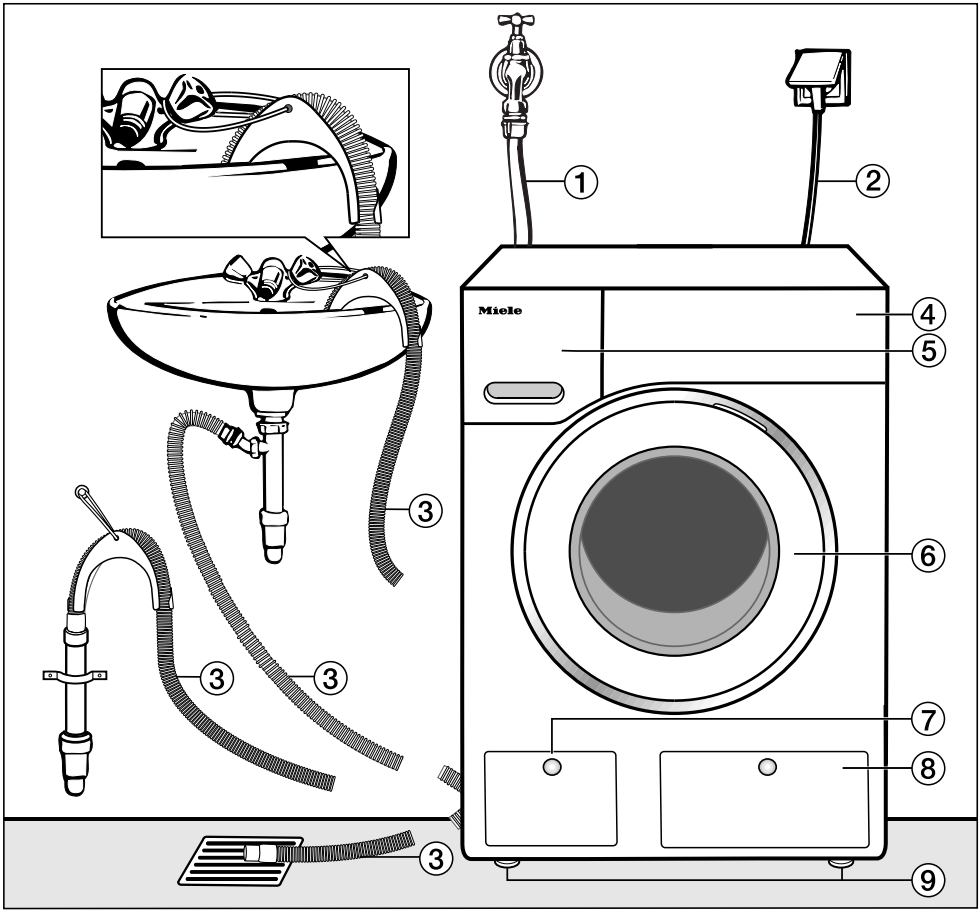
Please note that telephone calls may be monitored and recorded for training purposes.

Warranty

For information on the appliance warranty specific to your country please contact Miele. See back cover for address.

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

Front view



① Water inlet hose (pressure tested to 7000 kPa)

② Mains connection cable

③ Flexible drain hose (with detachable swivel elbow)

④ Control panel

⑤ Detergent dispenser drawer

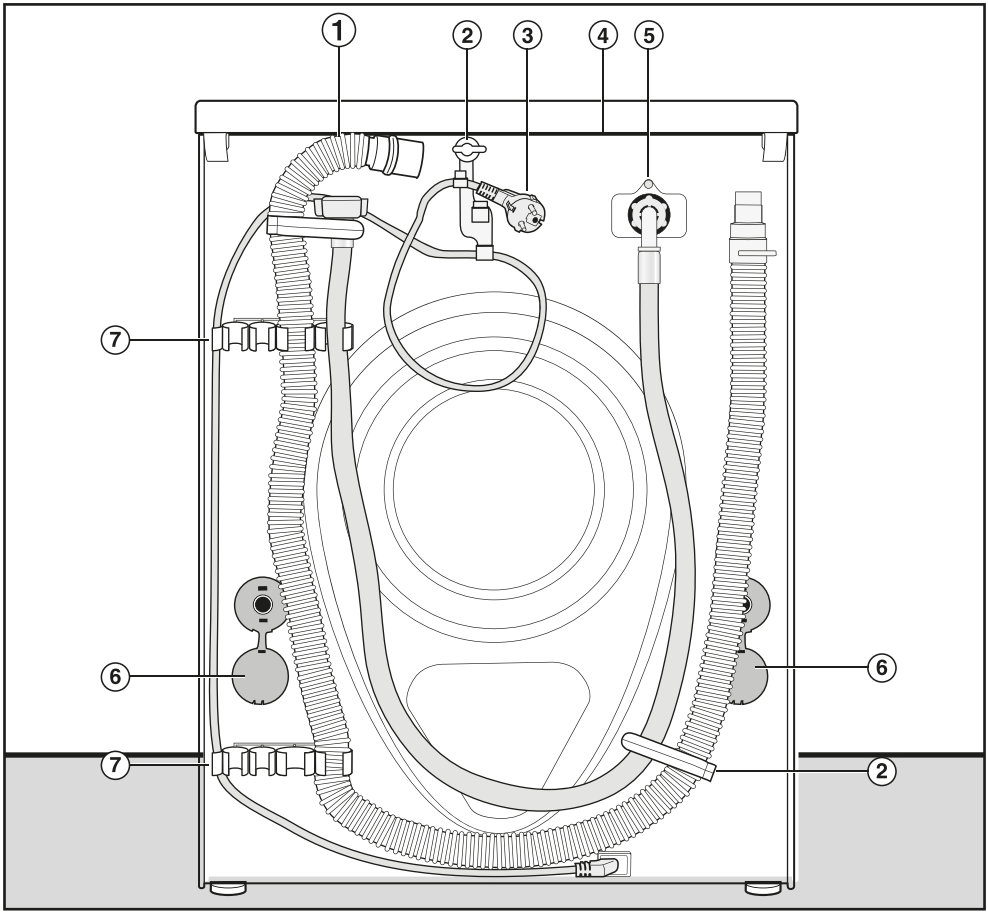
⑥ Door

⑦ Access to drain filters, drain pumps and emergency release

⑧ Access panel for TwinDos cartridges

⑨ Four height-adjustable feet

Rear view



① Drain hose

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

③ Mains connection cable

④ Protruding lid for holding when moving the machine

⑤ Water inlet hose (pressure tested 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 surface

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

Please note:

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

If installing on a wooden joist floor:

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

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

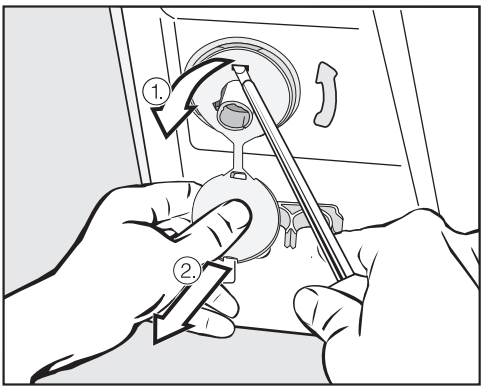
⚠ There is the danger of the washing machine moving about during spinning and falling off a plinth.
For this reason, if the machine is installed on a raised plinth (concrete or brick), it has to be secured against slippage using an MTS floor/plinth mounting kit (available from Miele).

Transporting the washing machine to its installation site

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

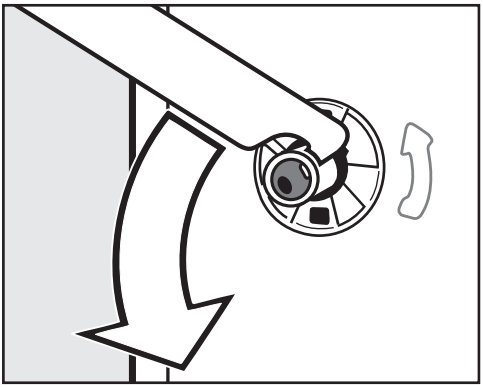
- Carry the washing machine by the front feet and the protruding lid at the back.

Removing the transit bars

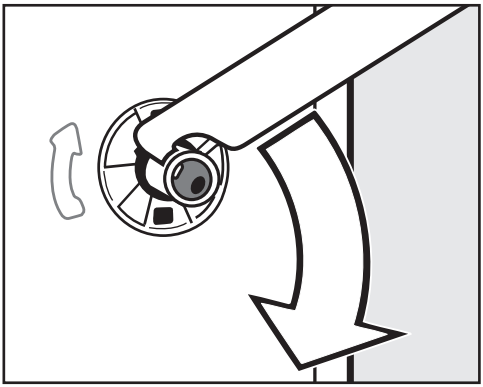


- To remove the left and right covers

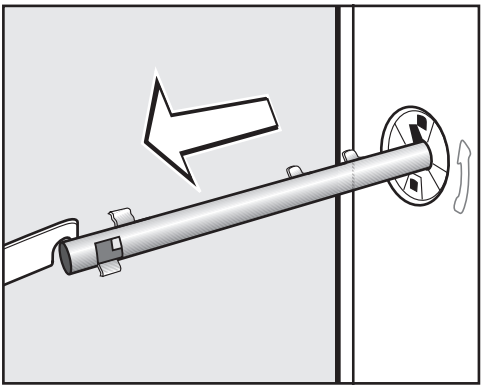
1. Pull on the attached stopper,
2. then use a screwdriver to release the catches at the top and bottom.



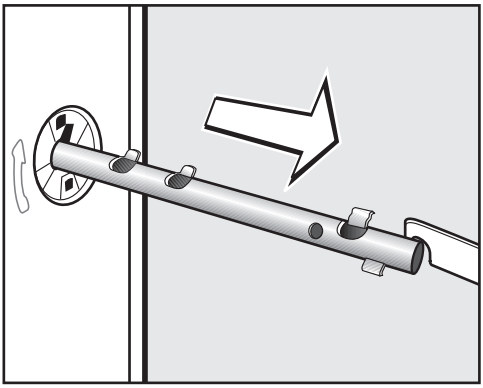
■ Using the spanner supplied, turn the left-hand transit bar 90°, then



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

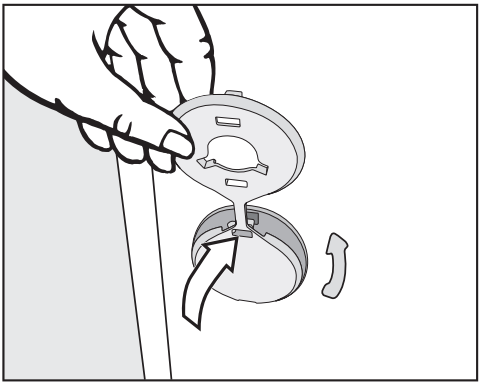


■ pull the transit bar out.

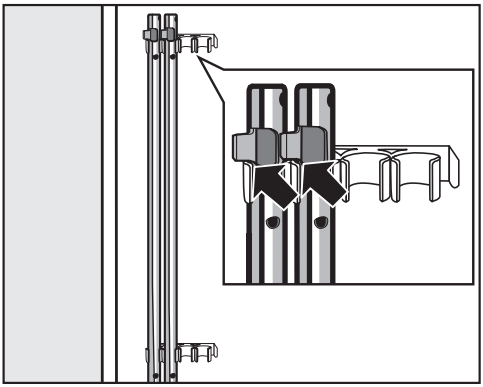


■ pull the transit bar out.

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



■ Plug the holes with the plastic caps as illustrated.



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

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

Re-fitting the transit bars

Re-fitting is carried out by reversing the procedure.

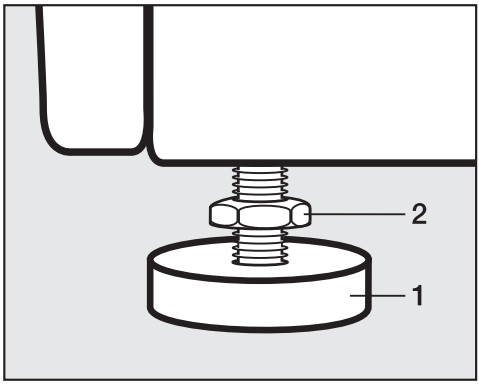
Levelling the machine

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

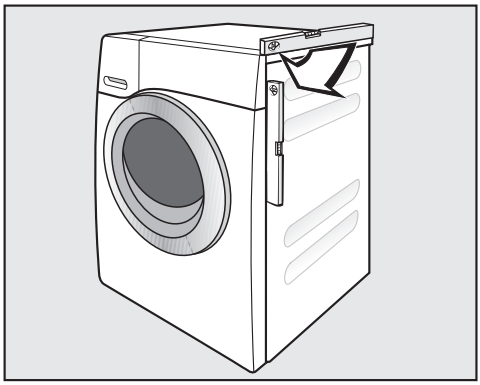
Incorrect installation may increase electricity and water consumption and may cause the machine to move about.

Screwing out and adjusting the feet

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



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



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

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

Building under a continuous worktop/ in a kitchen run

⚠ The washing machine lid cannot be removed.

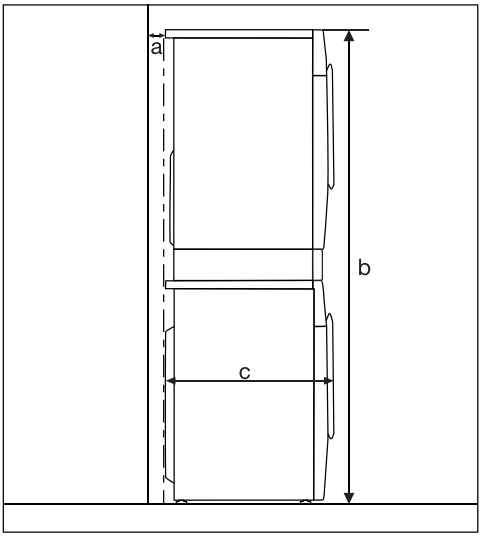
This washing machine (with lid intact) can be pushed under a worktop if there is space to do so.

Washer-dryer stack

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

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

Please note:



a = at least 2 cm

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

c = 65 cm

The water protection system

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

The system consists of three main components:

– the inlet hose

– the electronic unit and drainage and overflow protection

– the drain hose

Inlet hose

– Protection against bursting

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

Electronic unit and washing machine housing

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

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

Drain hose

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

Connection to the water supply

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

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

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

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

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

Maintenance

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

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

Hose extension

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

Water drainage

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

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

Drainage options:

1. Directed into a sink or basin:

   Please note:

   – Hook the hose over the edge and secure it.

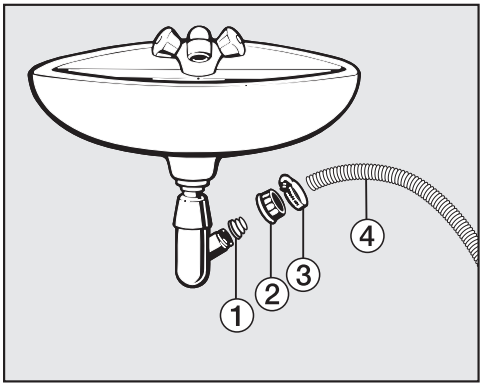
   – If the water is pumped into a washbasin, make sure that it can drain away freely. Otherwise there is a risk of water overflowing or of some of the drained water being sucked back into the machine.

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

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

4. Connected securely to a washbasin with plastic nipple.

Please note:



① Adapter

② Spigot nut

③ Hose clip

④ End of the hose

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

Electrical connection U.K.

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

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

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

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

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

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

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

Non-rewireable plugs BS 1363

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

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

WARNING: THIS APPLIANCE MUST BE EARTHED

		Load	Energy	Water	Duration	Residual moisture
		kg	kWh	Litres	h:min	%
Cottons	90 °C	8.0	2.30	49	2:29	53
	60 °C	8.0	1.35	49	2:29	53
	60 °C	4.0	1.15	48	2:19	53
	60°C*	8.0	0.90	49	2:59	53
	60°C*	4.0	0.88	48	2:59	53
	40 °C	8.0	1.20	65	2:39	53
	40°C*	4.0	0.51	39	2:59	53
	20 °C	8.0	0.45	65	2:39	53
Minimum iron	30 °C	3.5	0.55	57	1:59	30
Delicates	30 °C	2.0	0.25	35	1:09	–
Woollens	30 °C	2.0	0.23	35	0:39	–
Automatic plus	40 °C	6.0	0.77	59	1:59	–
Express 20[1)]	40 °C	3.5	0.30	30	0:20	–
Shirts[2)]	60 °C	2.0	0.77	40	1:31	–

1) Short extra option activated

2) Pre-ironing extra option deactivated

Note for test institutes

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

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

Technical data

Height	850 mm
Width	596 mm
Depth	643 mm
Depth with door open	1077 mm
Height for building under	850 mm
Width for building under	600 mm
Weight	Approx. 96 kg
Capacity	8 kg dry laundry
Voltage	See data plate
Connected load	See data plate
Fuse rating	See data plate
Consumption data	See “Consumption data”
Minimum water flow pressure	100 kPa (1 bar)
Maximum water flow pressure	1000 kPa (10 bar)
Intake hose length	1.60 m
Drain hose length	1.50 m
Mains connection cable length	2 m
Maximum drain pump head height	1 m
Maximum drain hose length	5 m
LEDs	Class 1
Test certificates awarded	See data plate
Frequency band	2.412 GHz – 2.472 GHz
Maximum transmitting power	< 100 mW

Conformity declaration

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

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

– Products, Download from www.miele.co.uk

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

Technical data

Data sheet household washing machines

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

MIELE	
Model name / identifier	WWE 660 WCS
Rated capacity[1]	8,0 kg
Energy efficiency class	
A+++ (most efficient) to D (least efficient)	A+++
Annual energy consumption (AE_c)[2]	176 kWh/year
Energy consumption of the standard “60°C cotton programme” at full load	0,90 kWh
Energy consumption of the standard “60°C cotton programme” at partial load	0,88 kWh
Energy consumption of the standard “40°C cotton programme” at partial load	0,51 kWh
Weighted power consumption in off-mode (P_o)	0,40 W
Weighted power consumption in the left-on mode (P_l)	0,40 W
Weighted annual water consumption (AW_c)[3]	10.120 Litres/year
Spin-drying efficiency class	
A (most efficient) to G (least efficient)	B
Maximum spin speed[4]	1.400 rpm
Remaining moisture content[4]	53 %
Standard programme to which the information in the label and the fiche relates[5]	Cottons 60/40 with arrow
Programme time of the standard programme	
60°C cotton programme (full load)	179 min
60°C cotton programme (partial load)	179 min
40°C cotton programme (partial load)	179 min
Duration of the 'left-on' mode (T_l)[6]	15 min
Airborne acoustical noise emissions	
Washing phase[7]	48 dB(A) re 1 pW
Spinning phase[7]	72 dB(A) re 1 pW
Built-in	-
This product does not release silver ions during the washing cycle.	

- Yes, standard feature

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

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

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

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

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

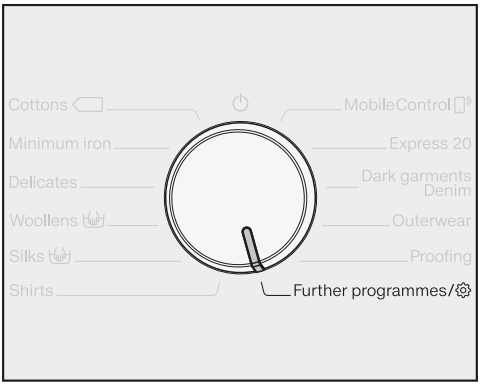
[6] If the household washing machine is equipped with a power management system.

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

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

The settings can be altered at any time.

Calling up settings



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



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



- Confirm with the *OK* sensor.



You are now in the *Settings* submenu.

Selecting settings

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

– The ∨ sensor scrolls down the list.

– The ∧ sensor scrolls up the list.

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

Changing a setting

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

The option which 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.

TwinDos

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

Change dosage

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

Check level

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

The level is displayed in a bar chart.

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

1. New (full) cartridges are used.
2. The cartridges must not be removed from the washing machine before they need replacing.

Tip: The level can be corrected via the Miele@mobile app.

Select detergent

If you wish to use your own detergent with the TwinDos function instead of UltraPhase 1 and 2, you will need to purchase the empty TwinDos containers separately.

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

The following agents can be used:

– Universal
– Delicates
– Delicates/Woollens
– Fabric conditioner
– No agent

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

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

Tip: If you select No agent the respective TwinDos compartment will be deactivated.

Degree of soiling

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

Options:

– Light

– Normal (default setting)

– Heavy

Buzzer volume

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

Options

– Off

– ■⊏⊏⊏⊏⊏⊐ (quiet)

– ■■■■■■■ (loud) (factory setting)

Keypad tone

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

Options

– Off

– ■⊏⊏⊏⊏⊏⊐ (quiet)

– ■■■■⊏⊏⊐ (factory setting)

– ■■■■■■■ (loud)

Welcome tone

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

Options

– Off

– ■⊏⊏⊏⊏⊏⊐ (quiet)

– ■■■■⊏⊏⊐ (factory setting)

– ■■■■■■■ (loud)

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 Miele Technical Service can unlock the washing machine.
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 had been activated previously.

Units

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

The factory setting is °C/Celsius.

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)
  – ▮▮▮▮▮▮▮ (light) (factory setting)

– Buttons active
Controls the brightness of the activated sensor controls.
  – ▮▭▭▭▭▭❐ (dark)
  – ▮▮▮▮▭▭❐ (factory setting)
  – ▮▮▮▮▮▮▮ (light)

– Buttons inactive
Controls the brightness of the sensor controls that can be activated.
  – ▮▭▭▭▭▭❐ (dark)
  – ▮▮▮▮▭▭❐ (factory setting)
  – ▮▮▮▮▮▮▮ (light)

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

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 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 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 standard pre-wash time of 25 minutes in the Cottons programme.

Options

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

– + 6 min
31 minute pre-wash.

– + 9 min
34 minute pre-wash.

– + 12 min
37 minute pre-wash.

Soak duration

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

The duration can be selected in 30 minute increments. When the *Soak* extra option is selected, the laundry will be soaked for the duration selected.

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

Gentle action

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

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

Gentle action is deactivated as standard.

Temp. reduction

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

Temp. reduction is deactivated as standard.

Water plus

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

Options

– Extra water (factory 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 setting)

– Plus 💧

– Plus 💧💧

– Plus 💧💧💧

Maximum rinse level

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

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

The maximum rinse level is deactivated as standard.

Suds cooling

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

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.

– where the drainage pipes do not comply with DIN 1986.

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 reduces creasing after the end of the programme.

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

Anti-crease is activated as standard.

Miele@home

Control the networking of your washing machine with your WiFi network.

The following points may appear in the submenu:

Set up

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

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

Deactivate (visible if Miele@home is activated)

Miele@home remains set up, the WiFi function is switched off.

Activate (visible if Miele@home is deactivated)

The WiFi function is reactivated.

Connection status (visible if Miele@home is activated)

The following values are displayed:

– The WiFi reception quality

– The network name

– The IP address

Set up again (visible if set up)

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

Reset (visible if set up)

– The WiFi is switched off.

– The WiFi connection will be reset to the factory setting.

Miele@home is no longer set up. A new connection setup has to be carried out in order to use the Miele@home setting again.

Remote control

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

Once the Miele@mobile app has been installed on your mobile device, you can check the status of your washing machine from anywhere and start it remotely. You can also control it remotely via the *MobileControl* programme.

You can switch off the Remote control setting if you do not want to operate the washing machine with your mobile device.

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

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

Remote control is activated as standard.

SmartGrid

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

This function can be used for starting your washing machine automatically at a time when your energy supplier's energy costs are most economical.

Activating SmartGrid gives the *Delay start* sensor a new function. Use the “Delay start” control to set the SmartGrid. The washing machine will then start within the timeframe specified by you when it receives a signal from your energy supplier.
If it has not received a signal from the energy supplier by the latest start time set, the washing machine will start automatically (see “Delay start”).

SmartGrid is deactivated as standard.

RemoteUpdate

The RemoteUpdate function is used for updating the software in your washing machine.

The RemoteUpdate function is deactivated as standard.

If you do not install a RemoteUpdate, you can continue to use your washing machine in the usual way. However, Miele recommends installing RemoteUpdates.

Activation

The RemoteUpdate menu option is only displayed and can only be selected if you have added your washing machine to your WLAN network (see “Miele@home” in the “Settings” chapter).

Miele’s RemoteUpdate function can only be used if the washing machine is connected to a WLAN network and you have an account in the Miele@mobile app. The washing machine must be registered with your account in the app.

See the Miele@mobile app for terms and conditions of use.

Some software updates can only be carried out by Miele Service.

Running a RemoteUpdate

If a RemoteUpdate is available for your washing machine, it will be displayed automatically for you.

You can choose to start the RemoteUpdate immediately or wait until later. If you select “Start later”, the prompt to run the RemoteUpdate will be displayed again the next time you switch on your washing machine.

The RemoteUpdate can take a few minutes.

Please note the following information about the RemoteUpdate function:

– You will only receive a message when a RemoteUpdate is available.

– Once a RemoteUpdate has been installed, it cannot be undone.

– Do not switch off the washing machine during a RemoteUpdate. Otherwise, the RemoteUpdate will be aborted and will not be installed.

Optional accessories

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

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

Detergent

UltraPhase 1

– Universal liquid detergent

– For white and coloured laundry

– No need to refill supplied in cartridges for the TwinDos system

– Only for use in conjunction with UltraPhase 2

UltraPhase 2

– Universal detergent enhancer

– For white and coloured laundry

– No need to refill supplied in cartridges for the TwinDos system

– Only for use in conjunction with UltraPhase 1

UltraWhite

– Multi-purpose powder detergent

– For white and light-coloured laundry as well as heavily soiled cotton items

– Effective stain removal even at low temperatures

UltraColor

– Liquid detergent for coloured items

– For coloured and dark fabrics

– Protects bright colours from fading

– Effective stain removal even at low temperatures

Wool and delicates detergent

– Liquid detergent for delicates

– Particularly suitable for woollen and silk fabrics

– Cleans at temperatures as low as 20 °C, helps retain the shape of delicate items and protect colours

Specialist detergents

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

Outerwear

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

Sport

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

Down

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

WoolCare

– Liquid detergent for woollens and delicates
– Includes a special wheat protein conditioning formula
– Helps prevent felting
– Gentle on colours
– Only available as capsules

SilkCare

– Liquid detergent for silks
– Contains a special silk protein conditioning formula
– Gentle on colours
– Only available as capsules

Fabric care

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

Proofing agent

– For proofing microfibre fabrics, e.g. rain coats
– Retains the breathability of fabrics

Fabric conditioner

– Fresh, natural fragrance
– Makes laundry soft to handle

Optional accessories

Additive

Booster

– For removing stains

– For white and coloured laundry

– Available as capsules in convenient single dose amounts

Machine care

TwinDosCare

– For rinsing the TwinDos dispenser lines

– Use before a longer downtime (at least 2 months)

– Use before changing to a different product

Machine cleaner

– For cleaning the washing machine thoroughly and effectively

– Removes grease, bacteria, and associated unpleasant odours

– Use 1–3 times per year

Descaling agent

– removes heavy limescale deposits

– Mild and gentle with natural citric acid

Water softener tablets

– Reduces the amount of detergent needed for hard water

– Less detergent residue in fabrics

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

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