

# Operating instructions

## Washer-dryer



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

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# Caring for the environment

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## Disposal of the packing material

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

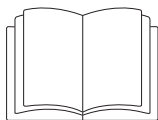
Recycling the packaging reduces the use of raw materials in the manufacturing process and also reduces the amount of waste in landfill sites. Ensure that any plastic wrappings, bags etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation.

## Disposing of your old appliance

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



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



- It is **essential** to read these instructions.

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

It is essential to read the operating instructions before using the washer-dryer for the first time. They contain important information on the safety, use and maintenance of the washer-dryer. This will help to prevent personal injury and damage to the appliance.

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

### Correct application

► This washer-dryer is intended for use in domestic households and similar residential environments, by guests in hotel or motel rooms, bed & breakfasts and other typical living quarters. This does not include common/shared facilities or commercial facilities within hotels, motels or bed & breakfasts.

► This washer-dryer is intended for the following applications only:

- washing textiles which have a care label stating that they are washable.
- drying textiles which have been washed in water and have a care label stating that they are suitable for tumble drying.

All other types of use are not permitted. Miele cannot be held liable for damage resulting from incorrect or improper use or operation.

► The washer-dryer is not intended for outdoor use.

## Warning and Safety instructions

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

### Safety with children

► Young children must be kept away from the washer-dryer unless they are constantly supervised.

► Older children may only use the washer-dryer unsupervised if they have been shown how to use it safely. Children must be able to understand and recognise the possible dangers caused by incorrect operation.

► Children must not be allowed to clean or maintain the washer-dryer unsupervised.

► Please supervise young children in the vicinity of the washer-dryer. Never allow children to play with the appliance.

### Technical safety

► Before installation check the washer-dryer for visible signs of damage. Do not install or use a damaged appliance.

► Before connecting the appliance, make sure that the connection data on the data plate (voltage, frequency, and connected load) match the mains electricity supply. If in doubt, consult a qualified electrician.

► Do not connect the washer-dryer 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).

► The electrical plug must be easily accessible after installation so that the washer-dryer can be disconnected from the electricity supply if necessary.



## Warning and Safety instructions

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► The electrical safety of this appliance can only be guaranteed when continuity is complete between it and an effective earthing system which complies with current local and national safety regulations.

It is essential that this standard safety requirement is observed and regularly tested. If in any doubt, have the electrical installation inspected by a qualified electrician.

Miele cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

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

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

► The washer-dryer is supplied with a special lamp to cope with particular conditions (e.g. temperature, moisture, chemical resistance, abrasion resistance, and vibration). This special lamp must only be used for the purpose for which it is intended. It is not suitable for room lighting. Replacement lamps may only be fitted by a Miele authorised technician or by Miele.

► In the event of a fault or for cleaning purposes, the washer-dryer must be disconnected from the mains electricity supply. It is only completely isolated from the electricity supply when:

- switched off at the wall socket and the power plug is withdrawn from the socket
- the mains circuit breaker has been switched off, or
- the screw-out fuse is removed (in countries where this is applicable).

## Warning and Safety instructions

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- ▶ The Miele water protection system protects from water damage provided the following conditions are met:
  - The machine is correctly plumbed in and connected to the electricity supply.
  - If a fault or damage has been identified, the washer-dryer must be repaired by a competent person before further use.
- ▶ The water flow pressure must be at least 100 kPa and must not exceed 1000 kPa.
- ▶ 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.
- ▶ Faulty components must only be replaced by Miele original spare parts. Miele can only guarantee the safety standards of the appliance when Miele replacement parts are used.
- ▶ If the connection cable is faulty, it must only be replaced by a Miele authorised service technician to protect the user from danger.
- ▶ This washer-dryer must not be operated in mobile installations (e.g. on a ship).
- ▶ Do not make any alterations to the washer-dryer, unless authorised to do so by Miele.
- ▶ Reliable and safe operation of this washer-dryer can only be assured if it has been connected to the mains electricity supply.
- ▶ In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the machine and its surroundings in a clean condition at all times. Any damage which may be caused by cockroaches or other vermin will not be covered by the machine warranty.

## Correct use



READ THE INSTRUCTIONS

**Warning:** Risk of fire / Flammable materials. To avoid the possible danger of fire, please read these warnings carefully.

- ▶ Do not install the washer-dryer in rooms that are subject to frost. Frozen hoses may burst or split, and 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 appliance have been removed (see “Installation and connection - Removing the transit bars”). During the spin cycle, a transit bar which is still in place may result in damage to the washer-dryer and adjacent furniture or appliances.
- ▶ Turn off the tap if the washer-dryer is to be left for a longer period of time (e.g. while on holiday), especially if there is no floor drain (gully) in the immediate vicinity.
- ▶ Danger of flooding! If hooking the drain hose into a wash basin, check that the water can drain away fast enough to prevent the sink from overflowing. Secure the drain hose against slipping. The force of the water flowing out of the hose can dislodge it.
- ▶ Make sure that no foreign objects (e.g. nails, pins, coins, paper clips) find their way into the machine with the laundry. These may damage components of the machine (e.g. suds container, drum). Damaged components can, in turn, result in damage to the laundry.
- ▶ Take care to remove any detergent dispensing aids (e.g. detergent balls) before drying the laundry. These can melt during the drying programme and cause damage to the machine and the laundry.

## Warning and Safety instructions

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- ▶ Caution! The metal cap is hot after drying. Open the door wide after drying. Do not touch the metal cap located on the inside of the door glass. Danger of burning!
- ▶ Fabric softener and similar products must be used according to the instructions on the manufacturer's packaging.
- ▶ If the correct amount of detergent is dispensed, the washer-dryer should not need to be descaled. If, however, you do wish to descale your washer-dryer, only use special non-corrosive descaling agents. These are available from Miele. Strictly observe the instructions on the packaging.
- ▶ To prevent the risk of fire, the following textiles must **not** be dried in this washer-dryer:
  - Items which have not been washed.
  - Items, such as workwear, which have not been thoroughly cleaned and are still soiled with grease, oil or other deposits (such as cooking oils, cosmetics, lotions etc). If items have not been thoroughly cleaned, there is a danger that they might ignite when heated, even after they have been removed from the dryer at the end of the programme.
  - Items that have been soiled with flammable substances such as cooking oil, acetone, petrol, kerosene, spot removers, turpentine, waxes, wax removers and other chemicals (e.g. mops and floor cloths).
  - Items which have been splashed with hair lacquer, hair spray, nail varnish remover or similar substances.

When washing such heavily soiled items ensure that you use sufficient detergent and select a high temperature. If in doubt, wash the items several times.

## Warning and Safety instructions

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- ▶ To prevent the risk of fire, the following textiles must never be dried in this washer-dryer:
  - Items which have been cleaned using chemicals (e.g. professional dry-cleaning agents).
  - Fabrics which contain a large proportion of rubber, foam rubber or rubber-like materials. For example, products made from latex foam rubber, shower caps, waterproof textiles, rubberised articles and items of clothing and pillows with foam rubber filling.
  - Fabrics which contain padding or fillings (e.g. pillows, jackets). If these were damaged the filling could come out with the risk of igniting in the dryer.
- ▶ Only use dyes specified by the manufacturer as being suitable for use in a domestic washer-dryer, and only use them in domestic quantities. Always observe the manufacturer's instructions carefully.
- ▶ Dye removers contain sulphur compounds which can cause damage such as corrosion. Do not use dye removers in this washer-dryer.
- ▶ In many programmes, the heating phase is followed by a cooling down phase to ensure that the items are not too hot to handle when you remove them (this also reduces the risk of the laundry self-igniting). The programme is not finished until after the cooling down phase. It is advisable to remove all laundry as soon as the programme has finished.
- ▶ Do not switch the washer-dryer off before the end of the drying programme, unless all items are removed immediately and spread out to cool down.
- ▶ Fabrics that have been pre-treated in solvent-based cleaning agents must be thoroughly rinsed in clean water before being placed in the machine.
- ▶ Fluff must not be allowed to accumulate in and around the tumble dryer.

## Warning and Safety instructions

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- ▶ Oil-affected items can ignite spontaneously, especially when exposed to heat sources such as in a tumble dryer. The items become warm, causing an oxidation reaction in the oil. Oxidation creates heat. If the heat cannot escape, the items can become hot enough to catch fire. Piling, stacking or storing oil-affected items can prevent heat from escaping and so create a fire hazard.
- ▶ If it is unavoidable that fabrics contaminated with vegetable or cooking oil, or hair care products, be placed in a tumble dryer, they should first be washed in hot water with extra detergent - this will reduce, but not eliminate, the hazard.
- ▶ Remove all items from pockets (e.g. lighters, matches).
- ▶ Never use solvent based cleaning agents (e.g. one containing benzene) in this washer-dryer. This may result in damage to component parts and create toxic fumes. Risk of fire and explosion!
- ▶ If detergent has come into contact with the eyes, rinse out immediately with plenty of lukewarm water. If detergent has accidentally been ingested seek medical advice immediately. People with damaged or sensitive skin should avoid contact with the detergent.
- ▶ The maximum dry laundry weight is 8.0 kg for washing and 5.0 kg for drying. See the “Programme chart” for the maximum recommended loads for individual programmes.
- ▶ Be careful when opening the door following use of the steam function. There is a danger of burning due to escaping steam and the high temperature of the surface of the drum as well as the porthole glass. Stand back away from the machine and wait until the steam has dissipated.

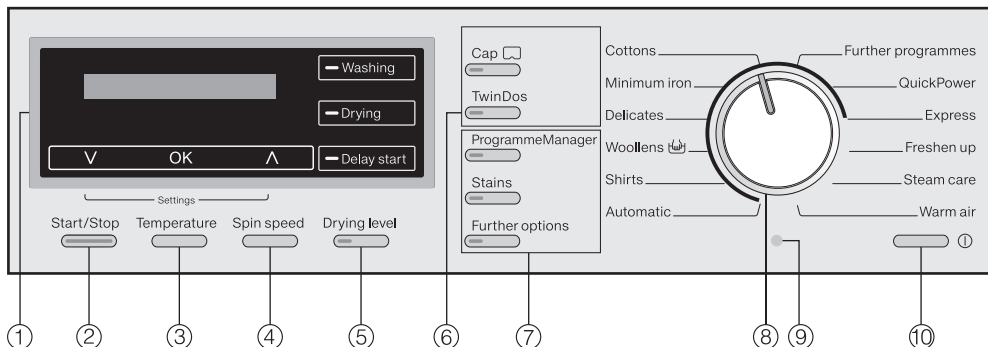
### Accessories

► Only use genuine Miele spare parts and accessories with this machine. Using spare parts or accessories from other manufacturers will invalidate the warranty, and Miele cannot accept liability.

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

# Operating the washer-dryer

## Control panel



### ① Display with sensors

See the next page for more information.

### ② Start/Stop button

For starting the selected programme and cancelling a programme once it has started.

### ③ Temperature button

For selecting the temperature.

### ④ Spin speed button

For selecting the spin speed.

### ⑤ Drying level button

For selecting the drying level.

### ⑥ Detergent dispenser button

For selecting automatic detergent dispensing and CapDosing.

### ⑦ Options buttons

Various options can be added to the programmes.

### ⑧ Programme selector

For selecting washing and drying programmes.

### ⑨ Optical interface

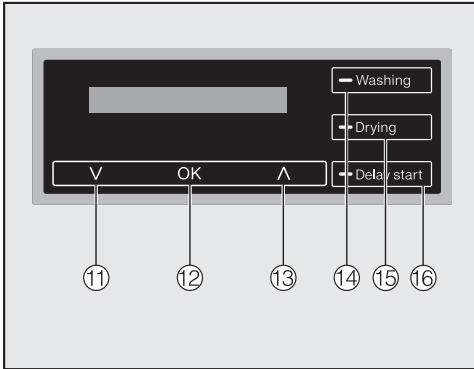
For service technicians.

### ⑩ ⏻ button

For switching the washer-dryer on and off. The washer-dryer switches off automatically to save energy. This occurs 15 minutes after the end of the programme/anti-crease phase, or after being switched on if no further selection is made.



## Display with sensors



- ⑪ **Sensor V**  
Scrolls down the selection list to the next option or decreases a value.
- ⑫ **OK sensor**  
Confirms the programme selected, a value set or opens a sub-menu.
- ⑬ **Sensor ^**  
Scrolls up the selection list to the next option or increases a value.
- ⑭ **Washing sensor**  
For selecting the washing function
- ⑮ **Drying sensor**  
For selecting the drying function
- ⑯ **Delay start sensor**  
For selecting Delay start

## Standard display

The standard display for a wash programme shows the following values from left to right:

2:59      60°C      1600

- the programme duration
- the selected wash temperature
- the selected spin speed

The standard display for a drying programme shows the following values from left to right:

1:30      Normal      1600

- the programme duration
- the drying level selected (only briefly)
- the spin speed selected for the thermospin (if applicable for the programme being used)

The standard display of a continuous programme for washing followed by drying shows the following:

- the programme duration
- the drying level selected (only briefly)
- the selected wash temperature
- the selected spin speed


**Useful tip:** The illuminated V and ^ arrow sensors can be used to see the drying level selected.

# Operating the washer-dryer



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## Examples on how to operate the appliance

### Scrolling through a list


The  arrows in the display indicate that a selection is available:



Touching the  sensor scrolls down the list to the next option and touching the  sensor scrolls up the list to the next option. The *OK* sensor is used to activate the option shown in the display.



### Identifying the selected option



An option which has been activated will have a tick  next to it.

### Setting numerical values



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

### Leaving a submenu

Select Back  to exit a submenu.

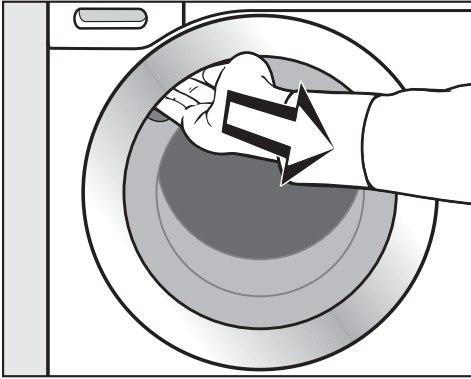
## Applications

You can use this washer-dryer to:

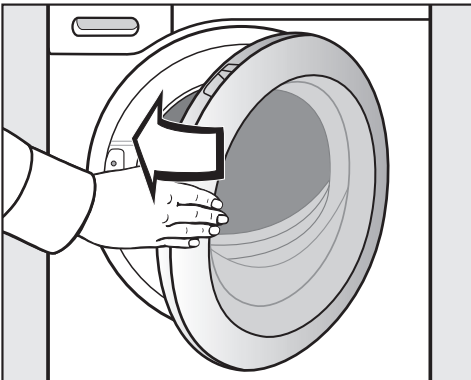
- **wash separately**  
Maximum load (depending on programme) 8.0 kg
- **dry separately**  
Maximum load (depending on programme) 5.0 kg  
or
- **wash and dry in a continuous sequence**  
Maximum load (depending on programme) 5.0 kg.

### 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.



- Reach under the door grip and pull the door open.
- Take the two cartridges and the elbow piece out of the drum.



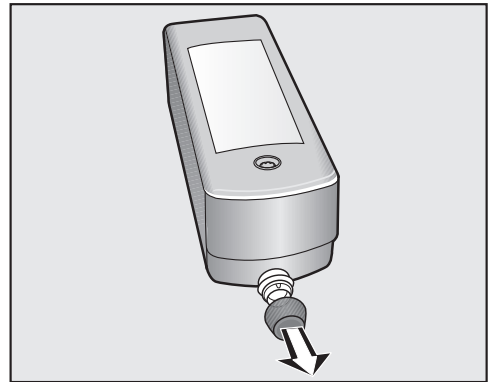
- Shut the door with a gentle swing.

### Inserting detergent cartridges

The detergent cartridges are the components of the Miele 2 Phase System which consists of:

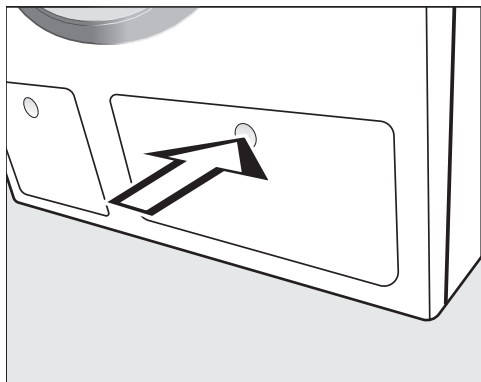
1. UltraPhase 1 (base detergent)
2. UltraPhase 2 (detergent enhancer)

The detergent cartridges are disposable products. New detergent cartridges can be obtained from the Miele online shop or directly from Miele (see the end of this booklet for details). Empty cartridges should be disposed of via your local recycling system.



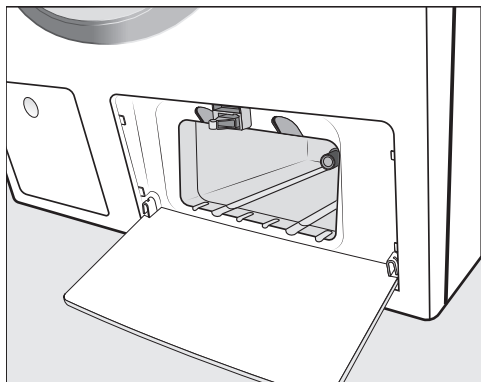
- Remove the stoppers from the detergent cartridges.

## Before the first use

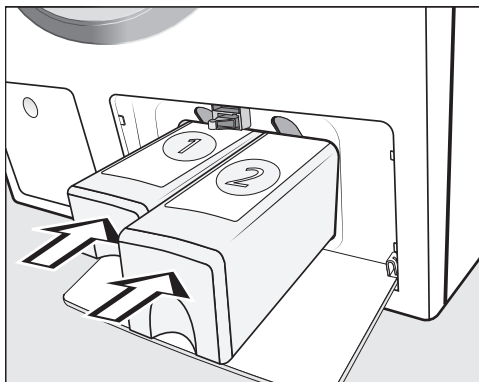


- Press the TwinDos access panel.

The panel will spring open.



- Open the panel.




- Push the **UltraPhase 1** cartridge into **compartment 1** and the **UltraPhase 2** cartridge into **compartment 2** until they lock into position.


- Close the panel.

The TwinDos system is now ready for use.

### Removing the protective foil and stickers


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

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

 Before using the washer-dryer for the first time, ensure that it is correctly installed and connected. See "Installation and connection".

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

### Switch the washer-dryer on



- Press the  button.

The welcome screen will light up.

### Setting the language

You are requested to set the display language. It is possible to change the language at any time via the settings menu.

deutsch ✓

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


### Miele@home

The display indicates that this washer-dryer can be connected to the Miele@home system via a communication module (only available in selected countries).

- Confirm the message with the *OK* sensor.

### Removing the transit bars

A reminder to remove the transit bars will appear in the display.

 Failure to remove the transit bars can result in damage to the washer-dryer and to adjacent cabinetry or appliances.


Remove the transit bars as described in "Installation and connection".


- Confirm that the transit bars have been removed with the *OK* sensor.

## Before the first use

### Start the calibration programme

The following message appears in the display:

**i** Open  and start Cottons 90°C without laundry

- Touch the  sensor repeatedly until you have read all the rows of text.

The OK sensor will light up.

- Confirm the message with the OK sensor.

It is important to calibrate the machine to ensure optimum water and energy usage, as well as optimum washing and drying results.

To do this, the *Cottons 90°C* programme **must** be run without laundry and without detergent.

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

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

**Do not** change any other programme settings.

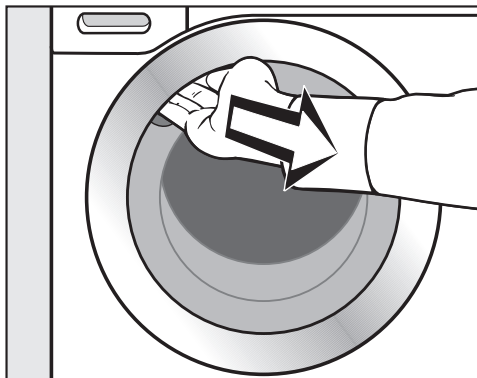
1:55      90°C      1600


- Press the *Start/Stop* button.

The calibration programme will start.

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

**i** Set-up completed



- Reach under the door grip and pull the door open.
- Switch the washer-dryer off with the  button.

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

The washer-dryer has an integrated detergent dispensing unit.

The detergent dispensing unit can be used:

1. with the Miele 2 Phase System  
or
2. with conventional liquid detergent and/or fabric softener

## The Miele 2 Phase System

The Miele 2 Phase System uses a base detergent (UltraPhase 1) and a detergent enhancer (UltraPhase 2). For the best washing result, these two agents are dispensed at separate times during the washing process. The 2 Phase System cleans both white and coloured textiles thoroughly. UltraPhase 1 and UltraPhase 2 are available in disposable cartridges via the Miele online shop or from Miele. Empty cartridges should be disposed of via your local recycling system.

## Liquid detergent/Fabric softener

Refillable TwinDos containers are required for liquid detergent and/or fabric softener. These are available to order from Miele or online at [shop.miele.com](http://shop.miele.com) (see the end of this booklet for details).

## How TwinDos works

Automatic detergent dispensing for a wash cycle is activated via the *TwinDos* button.

The washer-dryer is delivered pre-set for the Miele 2 Phase system for hardness range I (I<sup>1</sup>).

The settings only need to be changed if you wish to use a different detergent or if the water hardness is different. See “Settings - TwinDos” for more detailed information.

Automatic dispensing cannot be selected with some programmes, depending on the detergent present in the TwinDos system. For example, automatic dispensing cannot be activated for the Woollens programme if the Miele 2 Phase system is being used. This prevents woollen garments from being damaged by a detergent which is not suitable for washing wool.

Do not fill the containers with any specialist detergents. Use cap dosing or the detergent dispenser drawer for these.

# Environmentally friendly washing and drying

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## Energy and water consumption

- Load the maximum amount for the programme you are using. The energy and water consumption will then be the lowest in relation to the size of the load.
- Use the *Express* programme for small, lightly soiled loads.
- When smaller amounts of laundry are washed, the automatic load recognition system will reduce the amount of water and energy used.
- Modern detergents make it possible to wash at lower temperatures (e.g. 20°C). Using lower temperature settings will save energy.
- To maintain the hygiene of the machine, carry out a hot wash (above 60°C) at regular intervals. The message *Hygiene info* will appear in the display to remind you to carry out a hot wash.

## Detergent

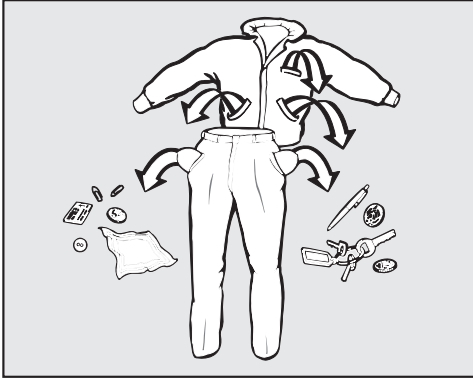
- For precise dispensing, use automatic detergent dispensing.
- Adjust the dosage to the degree of soiling of the laundry.
- Do not exceed the amounts of detergent recommended by the manufacturer on the packaging.

## When drying the laundry in the tumble dryer

To save energy when tumble drying, select the highest possible spin speed for the wash programme and for the thermospin.



## 1. Preparing the laundry



- Empty all pockets.

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

Check the laundry before washing and remove any foreign objects.

### Sorting the laundry

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

**Useful tip:** Dark textiles often contain excess dye and should be washed separately several times before being included in a mixed load. Wash light and dark coloured items separately.

### Pre-treating stains

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

**Useful tip:** Stains (e.g. blood, egg, coffee, tea) can be pre-treated using some handy tricks which can be found in the Miele guide to laundry care. Please contact Miele to obtain a copy of this booklet.

⚠ Solvent-based cleaners (e.g. one containing benzene) can damage plastic parts.

When pre-treating garments, make sure that any plastic parts (e.g. buttons) do not come into contact with cleaning agent.

⚠ Do not use chemical (solvent-based) cleaning agents in or on this washer-dryer. They can cause severe damage to the machine.

### General tips

- Curtains: Remove lead weights first or place in a laundry bag.
- Remove or sew in any loose underwiring in bras or shirt collar stiffeners.
- Close any zips, attach velcro fasteners, fasten hooks and eyes etc. before washing.
- Wash light and coloured items separately.
- Fasten duvet covers and pillow cases to prevent small items from being rolled up inside them.

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

# Washing

## 2. Selecting a programme

### Switch the washer-dryer on

In order for the load display to function correctly, the drum must be empty before the washer-dryer is switched on.

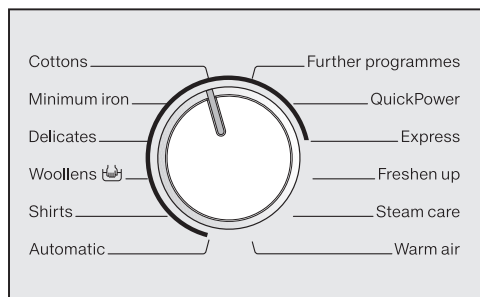
- Press the ⓘ button.

The interior drum lighting will come on.

The drum lighting will go out automatically after five minutes.

### Selecting a programme

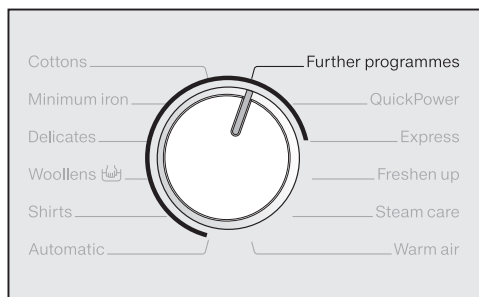
- with the programme selector



- Turn the programme selector to the required programme.

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

- with the programme selector set to the “Further programmes” position



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

The following appears in the display:



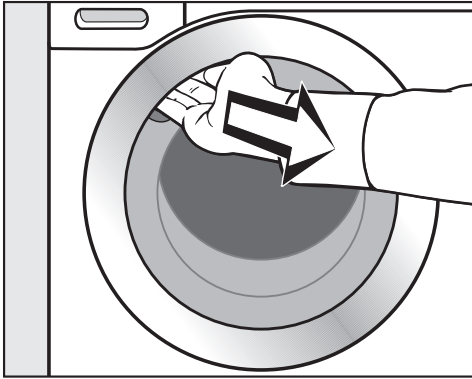
- Touch the ∨ or ∧ sensor until the programme you want appears in the display.
- Confirm the programme with the OK sensor.

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

The *Drying* indicator light must **not** be lit up, as this would mean that the wash programme would be followed immediately by the relevant drying programme.

## 3. Loading the drum

### Opening the door



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

The load display will appear.

Load <25%

The display shows, in 25% steps, the amount of laundry loaded in the drum as a percentage of the maximum load permissible for the programme selected.

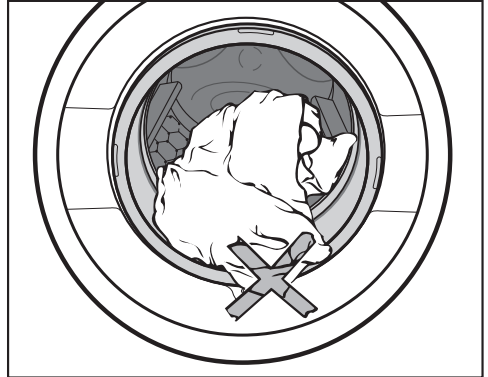
Check the drum for pets or foreign objects before loading it with laundry.

- Unfold the laundry and load loosely into the drum.

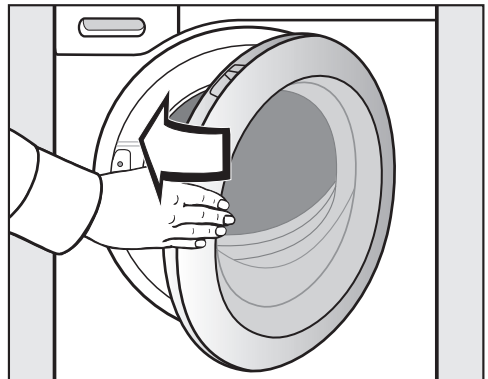
Mixing both large and small items gives better wash results and also helps distribute the load evenly during spinning.

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

### Closing the door



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



- Shut the door with a gentle swing.

The display will ask you to enter the degree of soiling of the laundry.

# Washing

## 4. Selecting programme settings

### Selecting the degree of soiling

#### Lightly soiled

No visible dirt or stains. Possibly slight body odour.

#### Normally soiled

Visibly dirty and/or just a few slight stains.

#### Heavily soiled

Stains and soiling clearly visible.

The following appears in the display:



- Select the degree of soiling with the  $\vee$  or  $\wedge$  sensor and confirm with **OK**.

The dosage display will appear.

The following parameters will change depending on the degree of soiling selected:

- the detergent dosage
- the rinse water level
- with light soiling the programme duration will be reduced.
- with heavy soiling, a pre-wash will be carried out automatically with some programmes.

**Useful tip:** You can alter the default setting for the degree of soiling or switch off the degree of soiling query in Settings (see “Settings - Degree of soiling”).

### Confirm the detergent dosage display

The following appears in the display:

Dosage 100%

- Confirm with **OK**.

The dosage will not be displayed if TwinDos or CapDosing have been selected.

**Useful tip:** The value given in the detergent dosage display should be observed if you are dispensing detergent via the detergent dispenser drawer.

## Selecting the temperature

You can alter the preset temperature of a wash programme.

- Press the *Temperature* button.

The following will appear in the display:

Temperature 60 °C

- Set the temperature you want with the  $\nabla$  and  $\wedge$  sensors and confirm your selection with the *OK* sensor.

## Selecting the spin speed

You can alter the preset spin speed of a wash programme.

- Press the *Spin speed* button.

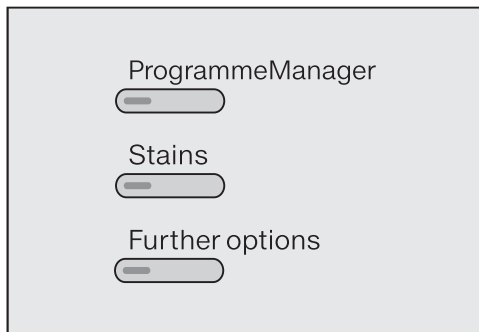
The following will appear in the display:

Spin speed 1600 rpm

- Set the spin speed you want with the  $\nabla$  and  $\wedge$  sensors and confirm your selection with the *OK* sensor.

## Selecting options

You can select options to augment the wash programmes.



- Use the *ProgrammeManager*, *Stains* or *Further options* buttons for selecting the options you want.

The indicator light in the button will come on.

You can only select options which are compatible with the wash programme being used (see “Washing - Options”).

## Selecting Delay start

You can use Delay start to set the start time for a programme.

- Select a delay start time if required.

Please see “Delay start” for more information.

# Washing

## 5. Adding detergent

Detergent can be dispensed via TwinDos **(A)**, via the detergent dispenser drawer **(B)** or with Caps **(C)**.

### **(A) TwinDos**

When you use TwinDos for the first time, the display will show information about the factory default settings for TwinDos. The following will appear in the display:

Parameters for UltraPhase 1+2 set at factory. Changeable in "Settings"/"TwinDos"

- Touch the  $\vee$  sensor repeatedly until you have read all the rows of text.
- Confirm the information with the *OK* sensor.

### **Miele 2 Phase System**

UltraPhase 1 and UltraPhase 2 need to be dispensed in different ratios depending on the colour mix of the laundry load.

- Press the *TwinDos* button.

For white items  $\checkmark$  

- Use the  $\vee$  and  $\wedge$  sensors to select the colour mix of the laundry and confirm with the *OK* sensor.

UltraPhase 1 and UltraPhase 2 will be dispensed accordingly.

### **Liquid detergent/Fabric softener**

It is possible to use other types of liquid detergent/fabric softener. Refillable TwinDos containers (optional accessories) are required for this.

The washer-dryer's electronic settings need to be adjusted accordingly. See "Settings - TwinDos".

- Press the *TwinDos* button.

The most suitable agent will appear in the display with a tick ( $\checkmark$ ) beside it. If both the agents present in the containers are suitable (e.g. detergent for coloured items and fabric softener), then both agents will be selected.


Both agents  $\checkmark$  

- Confirm or change the selection.

Detergent and/or fabric softener will now be dispensed in accordance with the wash cycle.

### **Adding stain remover**

There are two options for adding stain remover in addition to using the automatic dispensing system:

- Use the Booster cap.
- Add the stain remover to the  compartment.

## Ⓑ Detergent dispenser drawer

Add detergent in accordance with the value in the dosage display.

The percentage shown relates to the amount of detergent recommended by the manufacturer on the packaging.

- 40% = Add slightly less than half the amount recommended
- 50% = Add half the amount recommended
- 60% = Add slightly more than half the amount recommended
- 75% = Add three quarters of the amount recommended
- 100% = Add the full amount recommended

Please also observe your water hardness level and the maximum load for the programme you have selected.

### Too little detergent results in:

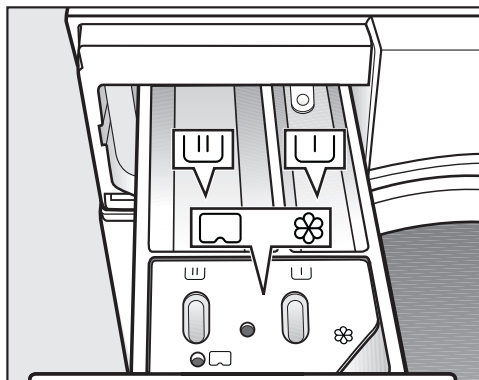
- laundry not getting properly clean and with time it may become grey and hard to the touch.
- greasy particles clinging to the laundry.
- limescale deposits on the heater elements.

### Too much detergent results in:

- excessive foam which causes a low level of agitation and poor wash, rinse and spin results.



- high water consumption (an additional rinse cycle will automatically switch in).
- a greater burden to the environment.

## Filling with detergent



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



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



Detergent for the main wash, including Soak if selected



Fabric softener, liquid starch or capsules

See “Washing - Detergent” for further information about detergents and how much to dispense.

# Washing

## © CapDosing

Three different types of capsule are available:

- ⊗ = Fabric care (e.g. fabric softener)
- ⚗ = Additives (e.g. detergent enhancer)
- 💧 = Detergent (for the main wash only)

Each capsule contains the correct amount for one wash cycle.

Caps are available to order from Miele or from the Miele online shop (see the end of this booklet for contact details).

⚠ Keep capsules out of the reach of children.

## Activating CapDosing

- Press the *Cap* button .

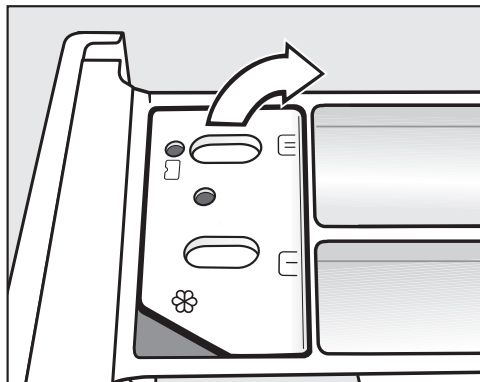
The first type of capsule which can be selected for the programme will appear in the display.



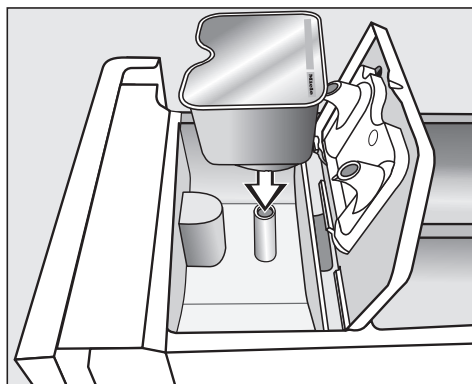
- Select the type of cap you want with the ∨ and ∧ sensors and confirm your selection with the *OK* sensor.

## Inserting a capsule

- Open the detergent dispenser drawer.

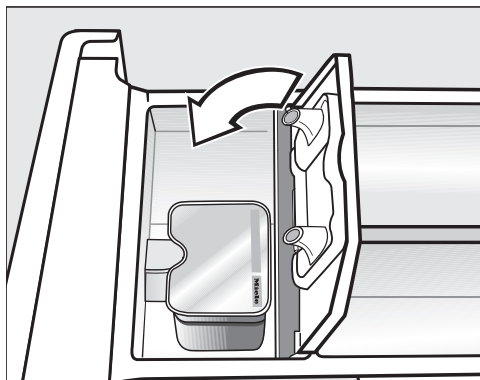


- Open the lid of the ⊗/⚗ compartment.



- Press the capsule in firmly.






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

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



### Deactivating/changing CapDosing

- Press the Cap  button and follow the instructions in the display.

- 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. When using capsules do not add fabric softener to the  compartment.

# Washing

## 6. Starting the programme

- Press the flashing *Start/Stop* button.

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

The programme status will appear in the display.

🔒 Main wash 1:39 h

The washer-dryer will keep you updated on the programme status and the time remaining for the programme to run.

If a Delay start time has been selected, this will count down in the display until the programme starts.

The drum lighting switches off once the programme has started.

## 7. End of the programme

At the end of the programme, the drum continues to turn at intervals for up to 30 min. The door is locked and the following will appear alternately in the display:

🔒 Anti-crease/Finish

i Press Start/Stop

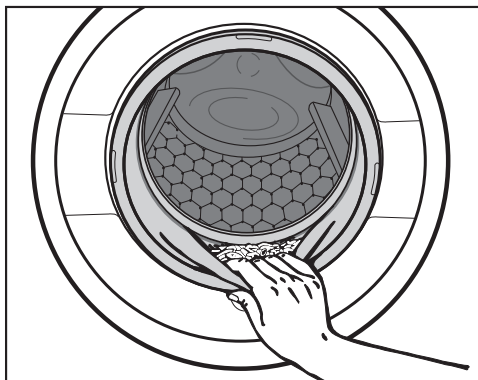
- Press the *Start/Stop* button.

The door will unlock.

The door unlocks automatically at the end of the anti-crease phase.

- 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.
- Switch the washer-dryer off with the ① button.
- If applicable, remove the used capsule from the detergent dispenser drawer.

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

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

## Spin cycle

Programme	rpm
Cottons	1600
Minimum iron	1200
Delicates	900
Woolens	1200*
Shirts	900
Automatic	1400
QuickPower	1600
Express	1200
Denim	900
Dark garments	1200
Outerwear	800
Proofing	1000
Sportswear	1200
Sport shoes	800
Silks	600*
Down Items	1200
Curtains	600
Pillows	1200
Cottons hygiene	1600
Drain/Spin	1600
Separate rinse/Starch	1600*

## Final spin speed in the programme

When a programme is selected, the optimum spin speed for this wash programme is shown in the display. For programmes marked with a \* in the chart, the optimum spin speed recommended in the display is not the maximum spin speed that can be selected for that programme.

You can reduce the final spin speed or, depending on the programme, increase it. However, you cannot select a final spin speed higher than that shown in the chart.


## Rinse and interim spin

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

# Washing

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## Omitting the final spin (Rinse hold)

- Use the *Spin speed* button to select the  (Rinse hold) setting.

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

### To start the final spin:

- Use the *Spin speed* button to select the required spin speed and confirm your choice with *OK*.

The laundry will be spun at the speed you have set.

or

- Start the final spin with the *Start/Stop* button.

The laundry will be spun at the maximum spin speed for the selected wash programme.

### To end the programme:

- Use the *Spin speed* button to select the 0 rpm setting (without spin) and confirm your choice with *OK*.

The water will be pumped away.





## Omitting rinse and interim spin and the final spin

- Press the *Spin speed* button.
- Select the 0 rpm setting.


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

Cottons		Cold to 90°C	Max. load 8.0 kg
Items	Cottons, linens or cotton mix fabrics, e.g. table linen, towelling, underwear, T-shirts etc.		
Notes	The settings 60°/40°C differ from  /  as follows: <ul style="list-style-type: none"><li>– Shorter programme durations</li><li>– Longer temperature holding times</li><li>– Higher energy consumption</li></ul> Where a higher degree of cleanliness is required use the <i>Cottons hygiene</i> programme.		
Cottons			Max. load 8.0 kg
Items	Normally soiled cotton garments.		
Note	These settings are the most efficient in terms of energy and water consumption for washing cottons.		
Energy labelling programme according to AS/NZS 2040.1 & AS/NZS 2040.2			
Minimum iron		Cold to 60°C	Max. load 4.0 kg
Items	Synthetic, mixed fibre and easy care cotton.		
Note	Reduce the spin speed for fabrics which crease easily.		
Delicates		Cold to 60°C	Max. load 3.0 kg
Items	Delicate garments made from synthetic fibre, mixed fibre, rayon and viscose.		
Note	For items which crease easily, deselect the spin.		
Woollens 		Cold to 40°C	Max. load 2.0 kg
Items	Machine-washable or hand-washable wool or wool blend fabric. If the care label does not specify a temperature, wash using the cold setting.		
Note	Reduce the spin speed for items which crease easily.		


# Washing

<b>Shirts</b>		<b>Cold to 60°C</b>	<b>Max. load 1.0 kg/2.0 kg</b>
Items	Shirts and blouses made of cotton and mixed fibre.		
Notes	<ul style="list-style-type: none"> <li>– Pre-treat collars and cuffs if necessary.</li> <li>– Turn shirts and blouses inside out, do up buttons and turn collars and cuffs inwards.</li> <li>– Wash silk shirts and blouses in the <i>Silks</i>  programme.</li> <li>– If the pre-set <i>Steam smoothing</i> option is switched off, the capacity is increased to 2.0 kg.</li> </ul>		
<b>Automatic</b>		<b>Cold to 40°C</b>	<b>Max. load 6.0 kg</b>
Items	Mixed loads of garments suitable for the <i>Cottons</i> and <i>Minimum iron</i> programmes. Sort according to colour.		
Note	The wash parameters (e.g. water level, wash rhythm and spin speed) are adjusted automatically in this programme to ensure the best possible care and wash result for each item.		
<b>QuickPower</b>		<b>40°C to 60°C</b>	<b>Max. load 5.0 kg</b>
Items	Moderately soiled garments which are also suitable for washing in the <i>Cottons</i> programme.		
Note	A special saturation process and wash rhythm ensure that the laundry is cleaned particularly quickly and thoroughly.		
<b>Express</b>		<b>Cold to 40°C</b>	<b>Max. load 3.5 kg</b>
Items	Cotton garments that have hardly been worn or are only very lightly soiled.		
<b>Freshen up</b>	⇨ “Programme chart - Drying”		
<b>Steam care</b>	⇨ “Programme chart - Drying”		
<b>Warm air</b>	⇨ “Programme chart - Drying”		

## Further programmes

Denim		Cold to 60°C	Max. load 3.0 kg
Notes	<ul style="list-style-type: none"> <li>– Wash denim inside-out.</li> <li>– Dark textiles often contain excess dye and should be washed separately several times before being included in a mixed load. Wash light and coloured items separately.</li> <li>– Close any zips, do up buttons etc. before washing.</li> </ul>		
Dark garments		Cold to 60°C	Max. load 3.0 kg
Items	Black and dark items made of cotton or mixed fibres.		
Note	Wash inside out.		
Outerwear		Cold to 40°C	Max. load 2.5 kg
Items	Performance outerwear (e.g. jackets and trousers) made from membrane fabrics such as Gore-Tex <sup>®</sup> , SYMPATEX <sup>®</sup> , WINDSTOPPER <sup>®</sup> etc.		
Notes	<ul style="list-style-type: none"> <li>– Zip up zips and close any Velcro fasteners before washing.</li> <li>– Do not use fabric softener.</li> <li>– If required, outerwear garments can also be re-proofed using the <i>Proofing</i> program. Reproofing after each wash cycle is not recommended.</li> </ul>		
Proofing		40°C	Max. load 2.5 kg
Items	Treating microfibre fabric, skiwear and table linen made from mainly synthetic fibres to provide a water and dirt resistant finish.		
Notes	<ul style="list-style-type: none"> <li>– The items should be freshly laundered and spun or dried before proofing.</li> <li>– For best results, the items should be heat-treated afterwards. This can be achieved by drying them in the tumble dryer or ironing them.</li> </ul>		

# Washing

<b>Sportswear</b>		<b>Cold to 60°C</b>	<b>Max. load 3.0 kg</b>
Items	Sportswear such as jersey shirts and leggings, and microfibre and fleece garments.		
Notes	<ul style="list-style-type: none"> <li>– Do not use fabric softener.</li> <li>– Observe the instructions on the care label.</li> </ul>		
<b>Sport shoes</b>		<b>Cold to 40°C</b>	<b>Max. 2 pairs</b>
Items	Sport shoes only (not leather shoes).		
Notes	<ul style="list-style-type: none"> <li>– Do not use fabric softener.</li> <li>– Coarse soiling should be brushed off first.</li> <li>– A pre-rinse without detergent is carried out automatically to remove dust.</li> </ul>		
<b>Silks</b> 		<b>Cold to 30°C</b>	<b>Max. load 1.0 kg</b>
Items	Silks and other handwashable fabrics with no wool content, e.g. satin, lace and silk.		
Note	Place stockings and bras in a washing bag.		
<b>Down Items</b>		<b>Cold to 60°C</b>	<b>Max. load 2.5 kg</b>
Items	Jackets, sleeping bags, pillows and other down-filled items.		
Notes	<ul style="list-style-type: none"> <li>– Remove air from the items before washing to prevent an excessive build-up of foam. To do this, either push the items into a narrow laundry bag to compress them or tie the items together with a washable strap.</li> <li>– Observe the instructions on the care label.</li> </ul>		




























































# Washing

Curtains		Cold to 40°C	Max. load 2.0 kg
Items	Curtains, including net curtains, specified as machine-washable by the manufacturer.		
Notes	<ul style="list-style-type: none"><li>– Select the <i>Pre-wash</i> option to remove dust.</li><li>– For curtains which crease easily, reduce the spin speed or deselect the spin.</li><li>– Remove weights from curtains.</li></ul>		
Pillows		Cold to 60°C	2 pillows (40 x 80 cm) or 1 pillow (80 x 80 cm)
Items	Synthetic filled washable pillows.		
Notes	<ul style="list-style-type: none"><li>– Remove air from the items before washing to prevent an excessive build-up of foam. To do this, either push the items into a narrow laundry bag to compress them or tie the items together with a washable strap.</li><li>– Observe the instructions on the care label.</li></ul>		
Cottons hygiene		60°C to 90°C	Max. load 8.0 kg
Items	Cotton or linen with direct skin contact or for which special hygiene requirements apply, e.g. underwear, bed linen, encasing products.		
Note	Observe the instructions on the care label.		
Drain/Spin		Max. load 8.0 kg	
Notes	<ul style="list-style-type: none"><li>– Drain only: Select 0 rpm for the spin speed.</li><li>– Make sure you select the appropriate spin speed.</li></ul>		

# Washing

Separate rinse/ Starch		Max. load 8.0 kg
Items	<ul style="list-style-type: none"> <li>– Hand washed items which only need rinsing.</li> <li>– Table cloths, serviettes, and workwear which require starching.</li> </ul>	
Notes	<ul style="list-style-type: none"> <li>– Reduce the spin speed for items which crease easily.</li> <li>– Laundry that is to be starched should be washed but not treated with fabric softener.</li> <li>– Items will be rinsed very effectively using two rinse cycles by activating the <i>Water plus</i> option. When <i>Water plus</i> has been selected, an additional rinse cycle must be activated, see “Settings”.</li> </ul>	
Cool air		⇨ Programme chart - Drying
Rinse out fluff		⇨ Rinse out fluff programme
Clean machine		75°C No load
<p>With frequent washing at low temperatures there is a danger of a build-up of bacteria in the washer-dryer.</p> <p>Cleaning the washer-dryer will significantly reduce bacteria, mould and biofilm and prevent the build-up of unpleasant odours.</p>		
Notes	<ul style="list-style-type: none"> <li>– Optimum results can be achieved by using the Miele dishwasher and washing machine cleaner. Alternatively, a universal powder detergent can be used.</li> <li>– Dispense the washing machine cleaner or universal detergent directly in the drum.</li> <li>– Do not load any laundry. The drum must be empty for this machine maintenance wash.</li> </ul>	




## Programme sequence

	Main wash		Rinsing		Spin cycle
	Water level	Wash rhythm	Water level	Rinses	
Cottons				2-4 <sup>1)2)</sup>	✓
Minimum iron				2-3 <sup>2)</sup>	✓
Delicates				2-3 <sup>2)</sup>	✓
Woollens				2	✓
Shirts				3	✓
Automatic				2-3 <sup>2)</sup>	✓
QuickPower				1	✓
Express				1	✓
Denim				2-3 <sup>2)</sup>	✓
Dark garments				3-4 <sup>2)</sup>	✓
Outerwear				3	✓
Proofing	—			1	✓
Sportswear				2	✓
Sport shoes <sup>3)</sup>				2	✓
Silks				2	✓
Down Items <sup>4)</sup>				3	✓
Curtains				3	✓
Pillows <sup>4)</sup>				3	✓
Cottons hygiene				2-3 <sup>2)</sup>	✓
Separate rinse/Starch	—	—		1-2 <sup>5)</sup>	✓

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

# Washing

---

-  = low water level
-  = medium water level
-  = high water level
- Ⓐ = intensive rhythm
- Ⓑ = normal rhythm
- Ⓒ = sensitive rhythm
- Ⓓ = ultra sensitive rhythm
- Ⓔ = handwash rhythm
- ✓ = carried out
- = not carried out

This washer-dryer has fully electronic controls with automatic load recognition. It takes in the right amount of water required for the programme depending on the amount of laundry and its absorbency rate.

The programme sequences outlined in the chart are based on the basic programme with a full load. Options are not taken into account.

The washer-dryer's display continually shows which stage of the programme has been reached.

## Special features in the programme sequence

### Anti-crease

At the end of the programme, the drum continues to turn at intervals for up to 30 minutes to help prevent creasing.

Exception: There is no anti-crease phase in the *Woolens* and *Silks* programme.

The drum 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  $<40^{\circ}\text{C}$  and  $<60^{\circ}\text{C}$ , two rinses are carried out. If a temperature of less than 60°C is selected, three rinses are carried out.
- 2) An additional rinse is carried out if:
  - there is too much foam in the drum
  - a spin speed lower than 700 rpm has been selected.
  - 0 rpm (no spinning) has been selected.
- 3) Pre-rinse: a pre-rinse is automatically carried out to remove dust.
- 4) Run-up to spin: a run-up to spin is carried out before the wash process begins to deflate the pillows.
- 5) Extra rinse: an extra rinse is carried out when the Water plus option is selected, if an extra rinse has been activated as described in “Settings”.

## Cottons and Minimum iron

PowerWash 2.0, a washing technique developed by Miele, is activated in the *Cottons* programme with small and medium-sized loads and in the *Minimum iron* programme.

### How it works

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

The PowerWash 2.0 washing technique only uses slightly more water than the laundry can absorb. The water which has not been absorbed by the laundry heats up the drum and the laundry and is sprayed into the laundry over and over again. This reduces the amount of energy used.

### Activation

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

- There is a small to medium-sized laundry load in the *Cottons* programme or in the *Minimum iron* programme.
- The temperature selected does not exceed 60°C.
- The final spin speed selected must not be lower than 600 rpm.
- CapDosing (△, △) has not been selected for the main wash.

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

## Special features

### – Drenching phase

The washer-dryer will spin a few times at the beginning of the programme. During the spin cycle, the water discharged is sprayed back into the laundry in order to achieve optimum moisture penetration.

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

### – Noises during the heating phase

Unusual bubbling noises can occur while the laundry and the drum are being heated.

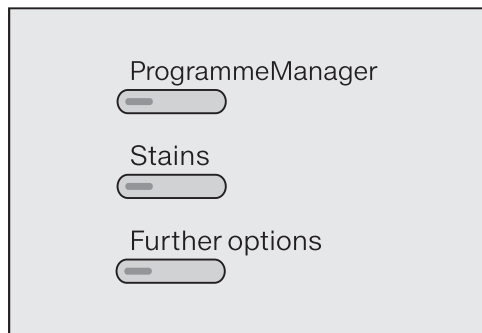
### – Detergent

Dispense the correct amount of detergent (with smaller loads). For optimum detergent application, use the TwinDos function.

# Washing

## Options

Further options are selected and deselected with the *ProgrammeManager*, *Stains* or *Further options* buttons.



Example:

- Press the *ProgrammeManager* button.

The following will appear in the display:



- Touch the ∨ or ∧ sensor until the option you want appears in the display.
- Confirm with the OK sensor.

The indicator light in the button will come on.

Not all options can be selected with every programme. See the table “Options overview” on the following pages for an overview.

## ProgrammeManager

The ProgrammeManager can be used to customise the wash programmes to suit your requirements.

### Short

For light soiling with no visible staining. The duration of the main wash is reduced.

### 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.

### ECO

This option reduces energy consumption whilst maintaining cleaning efficiency. This is achieved by increasing the wash duration and at the same time reducing the wash temperature selected.

### Extra gentle

This option decreases mechanical action in order to reduce creasing.

### 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 machine will activate the “Rinse hold” option and not spin. The programme duration is longer.

## AllergoWash

This option should be used where high standards of hygiene are required. More energy is used to lengthen the 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 ☹ ☹.

## **Stains**

In order to clean stained laundry more effectively, you can choose between different types of stains with some programmes. The wash programme will then adapt to the type of stain selected. You can select one type of stain per wash cycle.

With some stains, helpful information will also appear in the display when they are selected.

■ Confirm the information with **OK**.

## **Further options**

### Steam smoothing

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. For steam smoothing to work properly there needs to be a certain amount of residual moisture still present in the laundry. The final spin speed is therefore adjusted accordingly.

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

### Water plus

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

You can select by how much the water level is increased (see “Settings - Water plus level”).

### 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 5 hours can be chosen for the soak process in 30-minute increments. See “Settings” for more information.

The factory default setting is 30 minutes.

# Washing

## Options overview

	ProgrammeManager						Further options			
	Short	Intensive	ECO	Extra gentle	Extra quiet	AllergoWash	Steam smoothing	Water plus	Pre-wash	Soak
Cottons	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Minimum iron	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Delicates	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Woollens	-	-	-	-	✓	-	-	-	-	-
Shirts	✓	✓	✓	✓	✓	✓	✓ <sup>1)</sup>	✓	✓	✓
Automatic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
QuickPower	-	-	-	-	-	-	✓	✓	-	-
Express	✓	-	-	-	✓	-	✓	-	-	-
Denim	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dark garments	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Outerwear	✓	✓	✓	✓	✓	✓	-	✓	✓	✓
Proofing	-	-	-	-	✓	-	-	-	-	-
Sportswear	✓	✓	✓	✓	✓	✓	-	✓	✓	✓
Sport shoes	-	-	-	✓	✓	-	-	✓	-	-
Silks	-	-	-	-	✓	-	-	-	-	-
Down Items	-	✓	✓	✓	✓	✓	-	✓	✓	-
Curtains	-	✓	✓	✓	✓	✓	✓	✓	✓	-
Pillows	-	✓	✓	✓	✓	✓	-	✓	✓	-
Cottons hygiene	-	-	-	-	✓	-	✓	✓	✓	✓
Separate rinse/ Starch	-	-	-	-	✓	-	-	✓	-	-

✓ can be selected

- cannot be selected

<sup>1)</sup> can be deselected



## Detergent

Any detergent suitable for automatic front loading washing machines can be used with this appliance. Follow the manufacturer's instructions and dosage recommendations on the packaging.

### Detergent dispensing aids

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

### The amount to dispense will depend on:

- the amount of soiling in the laundry
- the amount of laundry
- the water hardness level  
Check with your local water supplier if you do not know the hardness level in your area.

### Definition of the soiling level

- Lightly soiled  
No visible dirt or stains. Possibly slight body odour.
- Normally soiled  
Visibly dirty and/or just a few slight stains.
- Heavily soiled  
Stains and soiling clearly visible.

## 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 range	Hardness level in mmol/l	German scale in °d
Soft (I)	0 – 1.5	0 – 8.4
Medium (II)	1.5 – 2.5	8.4 – 14
Hard (III)	above 2.5	above 14




### Refill packs of detergent

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

# Washing

## Miele detergents

Miele detergents and care products have been specially designed for Miele machines. They are available to order from the online shop (depending on country) or from Miele.

	Miele UltraPhase 1/2	Miele Cap 	Miele Cap 	Miele Cap 
Cottons	✓	–	Ⓔ	Ⓕ
Minimum iron	✓	–	Ⓔ	Ⓕ
Delicates	✓	–	Ⓔ	–
Woollens	–	Ⓒ	–	–
Shirts	✓	–	Ⓔ	Ⓕ
Automatic	✓	–	Ⓔ	Ⓕ
QuickPower	✓	–	–	–
Express	✓	–	Ⓔ	–
Denim	✓	–	Ⓔ	–
Dark garments	✓	–	Ⓔ	–
Outerwear	–	–	–	Ⓕ
Proofing	–	–	–	–
Sportswear	–	Ⓐ	–	–
Sport shoes	–	Ⓐ	–	–
Silks	–	Ⓓ	–	–
Down Items	–	Ⓑ	–	–
Curtains	✓	–	–	Ⓕ
Pillows	✓	–	–	–
Cottons hygiene	✓	–	Ⓔ	Ⓕ
Separate rinse/ Starch	–/–	–/–	Ⓔ/–	–/–

✓ Recommended

– Not recommended

Ⓐ Sportswear

Ⓑ Down Items

Ⓒ WoolCare

Ⓓ SilkCare

Ⓔ Fabric softener

Ⓕ Booster

## Recommended detergents

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

	Universal	Colour	Delicates and woollens	Special
	Detergent			
Cottons	✓	✓	–	–
Minimum iron	–	✓	–	–
Delicates	–	–	✓	–
Woollens	–	–	✓	✓
Shirts	✓	✓	–	–
Automatic	–	✓	–	–
QuickPower	✓	✓	–	–
Express	–	✓ <sup>1)</sup>	–	–
Denim	–	✓ <sup>1)</sup>	–	–
Dark garments	–	✓ <sup>1)</sup>	–	–
Outerwear	–	–	✓	✓
Sportswear	–	–	✓	✓
Sport shoes	–	✓ <sup>1)</sup>	–	–
Silks	–	–	–	✓
Down Items	–	–	✓ <sup>1)</sup>	✓
Curtains	✓ <sup>2)</sup>	–	–	–
Pillows	–	–	✓ <sup>1)</sup>	✓
Cottons hygiene	✓ <sup>2)</sup>	–	–	–
Starch	–	–	–	✓

✓ Recommended

– Not recommended

<sup>1)</sup> Liquid detergent

<sup>2)</sup> Powder detergent

# Washing

## Dispensing fabric softener and liquid starch at the end of the programme

### Fabric softeners

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

You can dispense fabric softener either by using automatic dispensing or via the detergent dispenser compartment.

### Liquid starch

is synthetic and provides good stiffness to fabric.

### Starch

stiffens and gives body to fabric.

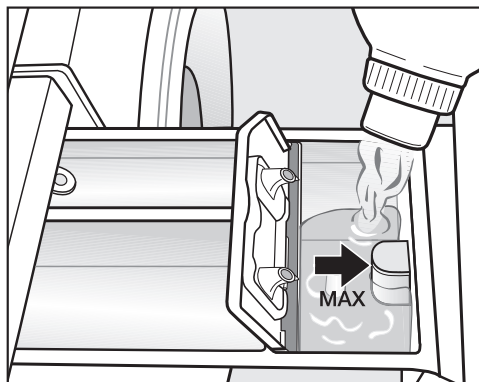
## Automatic dispensing

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

- Press the *TwinDos* button.
- Activate the appropriate container.

Fabric softener will be dispensed in the last rinse.

## Manual dispensing



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





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

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

## Adding fabric softener or liquid starch separately

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


**Useful tip:** When adding fabric softener to a second rinse cycle, select the *Water plus* option. When *Water plus* has been selected, an additional rinse cycle must be activated, see "Settings".

- Add fabric softener to the  compartment or insert the appropriate capsule.
- Add liquid starch to the  compartment and powder or viscous starch to the  compartment.
- Select the *Separate rinse/Starch* programme.
- Change the spin speed if necessary.
- If you are using a Cap press the *Cap*  button and activate CapDosing with OK.




- Press the *Start/Stop* button.

## Colour run and dye removers/dyes

 Colour run and dye removers can cause corrosion in the washer-dryer.

**Do not** use colour run or dye removers in this washer-dryer.

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

 When dyeing fabric in the washer-dryer it is essential to select the *Water plus* option.

# Drying

## Separate drying

The separate drying programme should be run if the load in the wash programme is greater than the maximum load permitted for drying, or if you only want to dry part of the load that was washed.

## 1. Preparing the laundry

### Sorting the laundry

- Sort the laundry according to type of fibre/weave, size, garment care label symbol, and the drying level required.

This will help you to achieve an even drying result.

- Before drying, check the drying symbol on the care label.

If there is no care label, the article should only be tumble dried in a programme specially designed for it.

### Tips on drying

- Do not load the drum with items that are still soaking wet. Spin the laundry for at least 30 seconds after washing.
- Woollens and wool blends are susceptible to becoming matted or shrinking. Only use the *Woollens* programme for these textiles.
- Pure linen should only be tumble dried if it is specified as suitable on the care label. The surface of the fabric may otherwise become rough.

- Loopknit garments (e.g. T-Shirts, underwear) have a tendency to shrink after the first wash. Do not overdry these fabrics to prevent further shrinking. When buying loopknit garments, it is advisable to take their shrinkage potential into account.
- Starched laundry can be tumble dried. To achieve the usual finish, double the amount of starch should be used.
- New dark coloured garments should be washed and dried separately from light coloured garments. Their colour might run and discolour other garments, and dark coloured fibres can settle on light coloured garments and vice versa.
- Observe the maximum loads given for the drying programmes in the Programme chart.  
The drying result and amount of creasing depend on the size of the load. The smaller the load in the dryer the better the result. Therefore, if you reduce the load, you will achieve a more even drying result with less creasing.

## 2. Selecting a programme

Switch the washer-dryer on

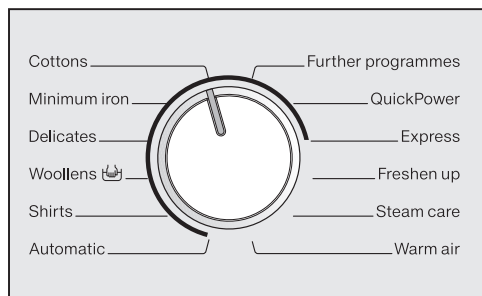
- Press the  button.

The interior drum lighting will come on.

The drum lighting will go out automatically after five minutes.

### Selecting a programme

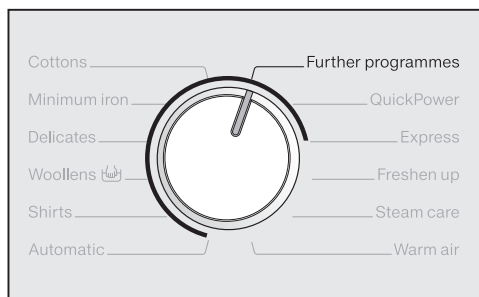
- with the programme selector



- Turn the programme selector to the required programme.

The maximum load for the drying programme selected will appear in the display. This will then be replaced by the standard display.

- with the programme selector turned to the “Further programmes” position



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

The following appears in the display:



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

The maximum load for the drying programme selected will appear in the display. This will then be replaced by the standard display.

# Drying

## Selecting drying

- Touch the *Washing* and *Drying* sensor until **just** the *Drying* indicator light remains on.

The *Washing* indicator light must **not** be lit up as this would mean that the relevant wash programme would begin before the drying process.

The maximum load for the drying programme selected will appear in the display (dry laundry weight). This will then be replaced by the standard display.

## 3. Loading the drum

### Opening the door

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

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

- Load the laundry loosely in the drum.

Overloading places a strain on the textiles and affects drying results. Observe the maximum loads listed in the Programme chart.

### Closing the door

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

Detergent dispensing aids, e.g. plastic dispenser balls, can melt during the drying programme and cause damage to the machine and the laundry.

These dispensing aids must be removed from the laundry before drying.

The mains water tap must be kept open for drying.



## 4. Selecting programme settings

### Select the drying level

The pre-set drying level for a programme can be changed if required.

- Press the *Drying level* button.

The following will appear in the display:



- Select the drying level you want with the  $\nabla$  and  $\wedge$  sensors and confirm your selection with the *OK* sensor.

### Selecting thermospin

The pre-set spin speed for the thermospin can be changed if required.

- Press the *Spin speed* button.

The following will appear in the display:

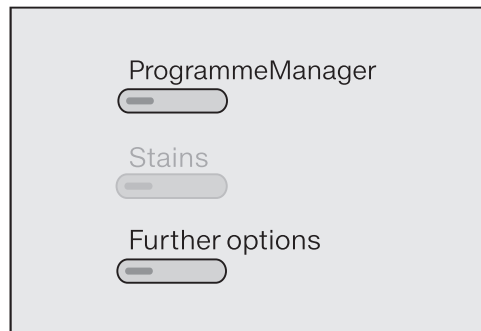


- Set the spin speed you want with the  $\nabla$  and  $\wedge$  sensors and confirm your selection with the *OK* sensor.

Thermospin is not carried out if timed drying is selected.

### Selecting options

You can select options to augment drying programmes.



- Select the option you want using either the *ProgrammeManager* or the *Further options* button.

The indicator light in the button will come on.

You can only select options which are compatible with the drying programme being used (see “Drying - Options”).

### Selecting Delay start

You can use Delay start to set the start time for a programme.

- Select a delay start time if required.

Please see “Delay start” for more information.

# Drying

## 5. Starting the programme

- Press the flashing *Start/Stop* button.

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

The programme status will appear in the display.



The washer-dryer will keep you updated on the programme status and the time remaining for the programme to run.

If a Delay start time has been selected, this will count down in the display until the programme starts.

The drum lighting switches off once the programme has started.

## 6. End of the programme

At the end of the programme, the drum continues to turn at intervals for up to 150 min. The door is locked and the following will appear alternately in the display:



- Press the *Start/Stop* button.

The door will unlock.

If you have unloaded the drum during the anti-crease phase make sure you spread out the laundry to allow it to cool down.

The door unlocks automatically at the end of the anti-crease phase.


- Pull open the door.
- Remove the laundry.

Items left in the dryer could be damaged by overdrying when the dryer is used the next time. Check that all items have been removed from the drum.

- Switch the washer-dryer off.

See “After each washing or drying programme” in “Washing and Drying”.

## Programme chart

Cottons		Max. load 5.0 kg*
Extra dry, Normal+, Normal		
Items	Single and multi-layered cotton fabric such as towelling, T-shirts, underwear, baby clothes, workwear, jackets, covers, aprons, gowns, flannelette bed linen, towels and bath robes.	
Notes	<ul style="list-style-type: none"><li>– Do not use <i>Extra dry</i> for jersey fabrics (e.g. T-shirts, underwear), as they have a tendency to shrink.</li><li>– Select <i>Extra dry</i> for multi-layered and very thick fabrics.</li></ul>	
Hand iron $\Delta$ , Hand iron $\Delta\Delta$ , Machine iron, Smoothing <sup>1</sup> , Timed drying <sup>2</sup>		
Items	Cotton or linen fabric requiring further processing, e.g.: table linen, bed linen, starched laundry.	
Note	Roll up laundry that you want to machine iron to prevent it from drying out, until you are ready for ironing.	
Minimum iron		Max. load 4.0 kg*
Normal+, Normal, Hand iron $\Delta$ , Smoothing <sup>1</sup> , Timed drying <sup>2</sup>		
Items	Minimum iron items made of cotton, synthetic or mixed fibre, e.g.: tops, dresses, shirts, blouses, skirts, trousers, socks and table linen.	
Delicates		Max. load 1.5 kg*
Normal, Hand iron $\Delta$ , Timed drying <sup>2</sup>		
Items	Delicate items with the  symbol on the care label made of synthetic fibres, easy care cotton or blended fabric, e.g. shirts, blouses, lingerie and evening wear with sequins and beading.	
Note	Reducing the load will reduce creasing.	

\* Weight of dry laundry





<sup>1,2</sup> See the following pages

# Drying

Woollens		Max. load 1.0 kg*
3 min		
Items	Woollen garments and fabric containing wool blends, e.g. pullovers, cardigans, stockings.	
Note	<ul style="list-style-type: none"> <li>– Wool and wool blend fabrics and woollen garments are only fluffed up, they are not dried completely.</li> <li>– Remove garments as soon as the programme has finished.</li> </ul>	
Shirts		Max. load 1.0 kg*
Normal+, Normal, Hand iron $\Delta$ , Smoothing <sup>1</sup> , Timed drying <sup>2</sup>		
Items	Shirts and blouses.	
Notes	<ul style="list-style-type: none"> <li>– Turn shirts and blouses inside out, do up buttons and turn collars and cuffs inwards.</li> <li>– The laundry is dampened before the programme starts to help reduce creasing.</li> </ul>	
Automatic		Max. load 4.0 kg*
Normal+, Normal, Hand iron $\Delta$ , Smoothing <sup>1</sup> , Timed drying <sup>2</sup>		
Items	Mixed loads of garments suitable for the <i>Cottons</i> and <i>Minimum iron</i> programmes.	
QuickPower		Max. load 5.0 kg*
Extra dry, Normal+, Normal, Hand iron $\Delta$ , Hand iron $\Delta\Delta$ , Machine iron, Smoothing <sup>1</sup> , Timed drying <sup>2</sup>		
Items	Garments suitable for the <i>Cottons</i> programme.	
Note	The programme duration is particularly short when washing and drying <b>normally</b> soiled laundry in a continuous sequence.	

\* Weight of dry laundry

<sup>1, 2</sup> See the following pages

<b>Express</b>		<b>Max. load 3.5 kg*</b>
<b>Extra dry, Normal+, Normal, Hand iron Δ, Hand iron ΔΔ, Machine iron, Smoothing<sup>1</sup>, Timed drying<sup>2</sup></b>		
Items	Garments suitable for the Cottons programme.	
Note	The programme duration is particularly short when washing and drying <b>lightly</b> soiled laundry in a continuous sequence.	
<b>Freshen up</b>		<b>Max. load 1.0 kg*</b>
<b>Normal, Hand iron ΔΔ, Timed drying<sup>2</sup></b>		
Items	Clean dry garments and garments that have been worn briefly and are not soiled.	
Note	<p>The laundry is dampened before the programme starts to help reduce creasing.</p> <ul style="list-style-type: none"> <li>– <b>Normal:</b> for garments that are required immediately.</li> <li>– <b>Hand iron ΔΔ:</b> for garments that are to be ironed or hung out to dry completely on a coat hanger.</li> </ul>	
Note	Creasing <b>increases</b> the larger the load and the longer the drying time.	
<b>Steam care</b>		<b>Max. load 2.0 kg*</b>
<b>Hand iron Δ, Hand iron ΔΔ, Timed drying<sup>2</sup></b>		
Items	<p>Reduces the amount of creasing in damp, freshly washed and spun cotton or linen garments.</p> <p>The garments must be suitable for drying in a tumble dryer   and suitable for ironing  .</p>	
Note	Remove garments as soon as the programme has finished and hang them up on a coat hanger.	
Note	Not suitable for garments made of wool or wool blend fabric.	

\* Weight of dry laundry

<sup>1,2</sup> See the following pages

# Drying

Warm air		Max. load 5.0 kg*
Timed drying <sup>2</sup>		
Items	<ul style="list-style-type: none"> <li>– Multi-layered items whose layers have different drying characteristics, e.g. jackets, pillows, sleeping bags and other voluminous items.</li> <li>– For drying and airing individual items.</li> </ul>	
Notes	Do not select the longest drying time to start with. Check the items as you are drying them to find the optimum time.	

## Further programmes

Denim		Max. load 3.0 kg*
Extra dry, Normal+, Normal, Hand iron $\Delta$ , Hand iron $\Delta\Delta$ , Machine iron, Smoothing <sup>1</sup> , Timed drying <sup>2</sup>		
Items	Denim garments, e.g. jeans, jackets, skirts, shirts.	
Dark garments		Max. load 3.0 kg*
Normal+, Normal, Hand iron $\Delta$ , Smoothing <sup>1</sup> , Timed drying <sup>2</sup>		
Items	Black and dark items made of cotton or mixed fibres.	
Outerwear		Max. load 2.5 kg*
Normal+, Normal, Hand iron $\Delta$ , Smoothing <sup>1</sup> , Timed drying <sup>2</sup>		
Items	Outerwear which is suitable for drying in a tumble dryer.	
Proofing		Max. load 2.5 kg*
Normal		
Items	For thermally fixing textiles which are suitable for tumble drying and have been treated with a proofing agent.	
Sportswear		Max. load 3.0 kg*
Normal+, Normal, Hand iron $\Delta$ , Smoothing <sup>1</sup> , Timed drying <sup>2</sup>		
Items	Sportswear which is suitable for drying in a tumble dryer.	

\* Weight of dry laundry

<sup>1,2</sup> See the following pages

<b>Sport shoes</b>		<b>Max. 2 pairs</b>
<b>Timed drying<sup>2</sup></b>		
Items	Sport shoes that are specified as suitable for tumble drying by their manufacturer.	
Note	Insoles should be removed and placed in the drum with the shoes.	
Note	The drum does not rotate.	
<b>Silks</b>		<b>Max. load 1.0 kg*</b>
<b>8 min</b>		
Items	Silk garments which are suitable for drying in a tumble dryer, e.g. blouses and shirts.	
Notes	<ul style="list-style-type: none"> <li>– For reduced creasing.</li> <li>– Items are not dried completely in this programme.</li> <li>– Remove garments as soon as the programme has finished.</li> </ul>	
<b>Down Items</b>		<b>Max. load 2.5 kg*</b>
<b>Timed drying<sup>2</sup></b>		
Items	Jackets, sleeping bags, pillows and other down-filled items that are suitable for tumble drying.	
Note	Check the items as you are drying them to find the optimum time.	
<b>Pillows</b>		<b>2 pillows (40 x 80 cm) or 1 pillow (80 x 80 cm)</b>
<b>Timed drying<sup>2</sup></b>		
Items	Pillows with synthetic filling that are suitable for tumble drying.	
Note	Pillows can still feel damp after being dried. You can use this programme several times until the pillow feels dry.	

\* Weight of dry laundry

<sup>1,2</sup> See the following pages

# Drying

Cottons hygiene		Max. load 4.0 kg*
Normal		
Items	Cottons and linen fabrics, which are in direct contact with the skin, e.g. underwear, nappies, towelling, bed linen, pillow and mattress covers.	
Note	The laundry will feel drier because of the longer temperature holding time.	
Cool air		Max. load 5.0 kg*
Timed drying <sup>2</sup>		
Items	Any items which only need airing.	

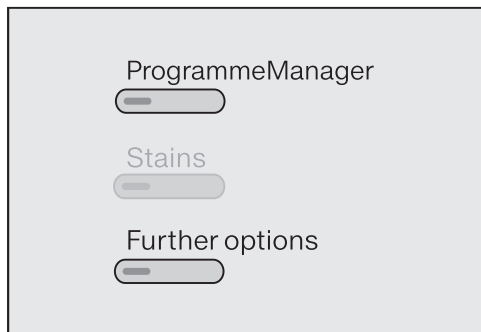
\* Weight of dry laundry

- <sup>1</sup> **Smoothing:** The laundry is dampened with steam before the programme starts to help reduce creasing. The garments are not dried completely to make ironing easier. The drying temperature is adjusted to match the programme selected. If the Steam smoothing option has been selected, the drying level Smoothing is not offered.
- <sup>2</sup> **Timed drying:** Timed drying is particularly suitable for small loads or when you want to dry individual items. The items are dried with warm air (a drying time between 15 minutes and 2 hours can be selected). The drying temperature is adjusted to match the programme selected. Do not select the longest drying time to start with. Check the items as you are drying them to find the optimum time.



## Options

Options are selected and deselected with the *ProgrammeManager* and the *Further options* buttons.



## ProgrammeManager

### Extra gentle

Delicate textiles such as acrylics are dried gently (care label symbol ☐).

In some programmes thermospin is not carried out when the *Extra gentle* option is selected.

In some programmes the programme duration will increase when *Extra gentle* is selected because of the lower temperature.

### Extra quiet

If you want to dry clothes in quiet periods, the noise level of the washer-dryer can be reduced.

- The buzzer is deactivated.
- Thermospin is limited to a maximum of 900 rpm.

## Further options

### Steam smoothing

In order to reduce creasing, the laundry undergoes a smoothing process at the end of the programme. The spin speed for the thermospin is reduced. Reducing the maximum load by 50% will give a better result.

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

## Thermospin

A thermospin is carried out in some drying programmes to reduce energy consumption.

Thermospin is not carried out if timed drying is selected.

Thermospin is not carried out in some programmes if the *Extra gentle* option has been selected.

The maximum spin speed for the thermospin is the maximum permitted final spin speed for the appropriate wash programme.

The thermospin can be reduced to 800 rpm.

# Drying

## Overview of options and the thermospin

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

	Extra gentle	Extra quiet	Steam smoothing	Thermo spin
Cottons	✓	✓	✓	✓
Minimum iron	✓	✓	✓	✓
Delicates	✓	✓	✓	–
Woollens	–	✓	–	–
Shirts	✓	✓	✓ <sup>1)</sup>	–
Automatic	✓	✓	✓	✓
QuickPower	–	–	✓	✓
Express	–	✓	✓	✓
Freshen up	–	–	✓ <sup>2)</sup>	–
Steam care	–	–	✓ <sup>2)</sup>	–
Denim	✓	✓	✓	✓
Dark garments	✓	✓	✓	✓
Outerwear	✓	✓	–	✓
Proofing	–	✓	–	–
Sportswear	✓	✓	–	✓
Sport shoes	✓	✓	–	–
Silks	–	✓	–	–
Down Items	✓	✓	–	–
Pillows	✓	✓	–	–
Cottons hygiene	–	✓	✓	✓

✓ can be selected / – cannot be selected

<sup>1)</sup> can be deselected

<sup>2)</sup> cannot be deselected

## Washing and drying in one continuous sequence

It is advisable to wash and dry in a continuous sequence when the amount of laundry to be washed does not exceed the amount to be dried, and the amount to be dried does not exceed the permitted dry weight for the programme.

It is essential to read the sections “Washing” and “Drying”.

### 1. Preparing the laundry

- Empty all pockets.
- Sort the laundry according to colour and type of fibre/weave.
- Check the symbols on the care labels.

### 2. Selecting a programme

- Switch the washer-dryer on.
- Select the required programme.
- Touch the sensors for *Washing* and *Drying* repeatedly, until the *Washing* and *Drying* indicators are lit up.

### 3. Loading the drum

- Open the door.

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

- Unfold the laundry and load loosely into the drum.
- Pay attention to the load indication.

Detergent dispensing aids, e.g. plastic dispenser balls, can melt during the drying programme and cause damage to the machine and the laundry.

These dispensing aids must be removed from the laundry before drying.

- Close the door.

# Washing and Drying

## 4. Selecting programme settings

- Select the degree of soiling.
- Follow the dosage recommendations.
- Select the temperature, spin speed and drying level and confirm each with *OK*.

The minimum spin speed cannot be lower than 800 rpm.  
For some programmes the spin speed cannot be changed.

To prevent laundry forming a ring against the drum wall, the spin speed is limited to a maximum of 1200 rpm when washing and drying in a continuous sequence.

- Select further options as required.

With the thermospin the spin speed displayed for the wash cycle is used. If *Extra quiet* is selected the maximum spin speed used is 900 rpm.

Thermospin is not carried out if timed drying is selected.

- Select a delay start time if required.

## 5. Adding detergent

- Dispense detergent either via TwinDos, CapDosing or the detergent dispenser drawer.

## 6. Programme start/finish

- Press the *Start/Stop* button.

The door will lock. The programme status will appear in the display.

The anti-crease phase will start at the end of the programme.

The door remains locked during the anti-crease phase.

- Press the *Start/Stop* button.

The door will unlock.

If you have unloaded the drum during the anti-crease phase make sure you spread out the laundry to allow it to cool down.


The door unlocks automatically at the end of the anti-crease phase.

- Pull the door open and unload the drum.

See “After each washing or drying programme”.

## After each washing or drying programme


- Open the drum door **fully**.

 **Caution!** The metal cap is hot after drying.

Do not touch the metal cap located on the inside of the door glass.  
Danger of burning!

- Remove the laundry.

Laundry left in the drum could shrink, discolour or be damaged in the next washing or drying programme.  
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. After drying, remove any fluff from around the door seal and the porthole glass.
- Switch the washer-dryer off with the  button.

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

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

## Rinse out fluff programme

During drying, fluff develops and can collect in the drum and suds container. Run the Rinse out fluff programme before the machine is used again so that fluff cannot be deposited on the next load or cause a blockage.

The *Rinse out fluff programme* must not be used for rinsing laundry. Ensure there are no items of laundry in the drum before starting the programme.

- Switch the washer-dryer on.
- With the programme selector turned to the *Further programmes* position, select the *Rinse out fluff programme*.

Do not use detergent.

- Press the *Start/Stop* button.

Any fluff will be rinsed away within a few minutes.

- If necessary wipe any remaining fluff off the door seal and door glass.
- Switch the washer-dryer off.

# Changing the programme sequence

## Cancelling a programme

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

- Press the *Start/Stop* button.

The following will appear in the display:



- Touch the *OK* sensor.

- During washing

The suds will be pumped away and the programme is cancelled.

- During drying

The laundry will be cooled down before the door can be opened.

### If you want to remove the laundry:

- Pull the door open and unload the drum.


### If you want to select a different programme:

- Close the door.
- Select the required programme.
- Add detergent to the detergent dispenser drawer, if necessary.
- Press the *Start/Stop* button.

The programme will start.

## Interrupting a programme

- Switch the washer-dryer off with the ① button.
- To continue the programme switch the washer-dryer back on with the ① button.

 Do not switch the washer-dryer off before the end of the drying programme, unless all items are removed immediately and spread out to cool down.

## Changing a programme

After the start of a programme it is no longer possible to select a different programme. You will need to cancel the current programme before you can select a different one.

## Changing the temperature

The temperature of a wash programme can be changed within the first 5 minutes of the programme starting, except in the *Cottons* programme.

- Press the *Temperature* button.
- Change the temperature using the ∨ and ∧ sensors and confirm your choice with *OK*.

# Changing the programme sequence

## Changing the spin speed

You can change the spin speed for a wash programme up until the final spin begins.

- Press the *Spin speed* button.
- Change the spin speed using the ∨ and ∧ sensors and confirm your choice with *OK*.

## Changing the drying level / drying time

Drying levels and durations can be changed during the wash programme but not once the drying programme has started.

- Press the *Drying level* button.
- Change the drying level/drying time with the ∨ and ∧ sensors and confirm your choice with *OK*.

## Selecting or deselecting drying

The *Drying* function can be selected or deselected whilst a wash programme is running if this is permitted for that programme.

- Touch the *Drying* sensor.

## Changing options

Some options can be selected or deselected after a programme has started.

If the safety lock has been activated the programme sequence cannot be changed.

## Safety lock

The safety lock prevents the machine from being opened or a programme from being cancelled or changed during a washing or drying programme.

### To activate the safety lock

- After the programme has started, press the *Start/Stop* button.
- Select *Safety lock on* and confirm your choice with *OK*.

The washer-dryer will now not accept any changes and will run the selected programme through to the end.

The safety lock is released automatically at the end of the programme.

### To deactivate the safety lock

- Press the *Start/Stop* button.
- Select *Safety lock off* and confirm your choice with *OK*.

# Changing the programme sequence

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## Adding or removing laundry

You can add or remove items during the first few minutes after the programme has started.

- Press the *Start/Stop* button.

The following will appear in the display:



- Scroll up the list with the  $\nabla$  or  $\wedge$  sensors to:



- Touch the *OK* sensor.

If this message does not appear in the display, then it is no longer possible to add or remove items of laundry.

The programme will stop and the door will unlock.

- Pull open the door.
- Add or remove items.
- Close the door.
- Press the *Start/Stop* button.

The programme will continue.

### Please note:

Once a programme has started, the washer-dryer cannot recognise any adjustment to the load.

For this reason, if laundry is added or removed after the start of a programme, the machine will always complete the programme cycle assuming a full load.



### Delay start

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.

#### Selecting Delay start

- Touch the *Delay start* sensor.

The following will appear in the display:

Start in 00:00 h

- Use the  $\vee$  and  $\wedge$  sensors to enter the hour and confirm your entry with the *OK* sensor.

The display will change:

Start in 03:00 h

- Use the  $\vee$  and  $\wedge$  sensors to enter the minutes and confirm your entry with the *OK* sensor.

#### Starting Delay start

- Press the *Start/Stop* button to begin Delay start and the wash programme.

The following will appear in the display:

 Start in 3:00 h

### Altering Delay start

You can change Delay start at any time.

- Touch the *Delay start* sensor.

Change the time 

- Touch the *OK* sensor.
- Select the time you require.

#### To start the programme immediately

- Touch the *Delay start* sensor.
- Touch the  $\vee$  sensor.

Start now 

- Touch the *OK* sensor and the programme will start immediately.

#### To cancel Delay start

- Press the *Start/Stop* button.

Cancel Delay start 

- Touch the *OK* sensor.

Delay start is cancelled. The door will unlock.

# Delay start/SmartStart

## SmartStart

With the SmartStart function (only functional in selected countries) you can define a time period during which the washer-dryer will be started automatically by a signal, for instance to make use of cheaper electricity tariffs.

If your energy provider offers this service, they will send a signal whenever the electricity tariff is inexpensive. This signal will activate the washer-dryer to start the programme.

You can define a period (from 15 minutes to 24 hours) by which the programme must be started. During this period, the washer-dryer waits for the signal from the energy supplier. If no signal is received during this time, the washer-dryer starts the programme once the time period has elapsed.

## Setting the timeframe

If you have activated the SmartStart function in Settings, SmartStart will appear in the display instead of Start in when you press the *Delay start* button (see “Settings - Miele@home, SmartStart”).

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

- Use the  $\vee$  and  $\wedge$  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  $\vee$  and  $\wedge$  sensors to enter the minutes and confirm your entry with the OK sensor.
- Press the *Start/Stop* button to begin the programme with SmartStart.

The following will appear in the display:



The selected programme will start automatically as soon as the energy provider has sent the signal, or the latest calculated start time has been reached.

The procedure for changing or deleting the SmartStart function is the same as the one described for the Delay start function.

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

⚠ Do not use solvents, abrasive cleaners, glass cleaners or all-purpose cleaners.

⚠ The washer-dryer must not be hosed down.

### External casing and fascia panel

- Clean the washer-dryer with a mild non-abrasive cleaning agent or a solution of washing-up liquid and water. Wipe dry with a soft cloth.
- The drum can be cleaned using a suitable stainless steel cleaning agent following the manufacturer's instructions on the packaging.

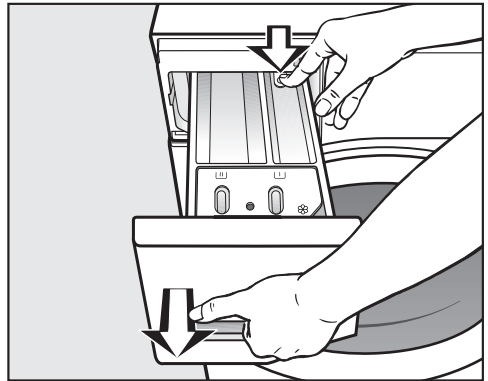
### Cleaning the porthole glass

- Clean the inside of the porthole glass from time to time and the metal cap inside the porthole glass with a suitable mild cleaning agent or with soapy water.
- Dry both with a soft cloth.

### Cleaning the detergent dispenser drawer

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

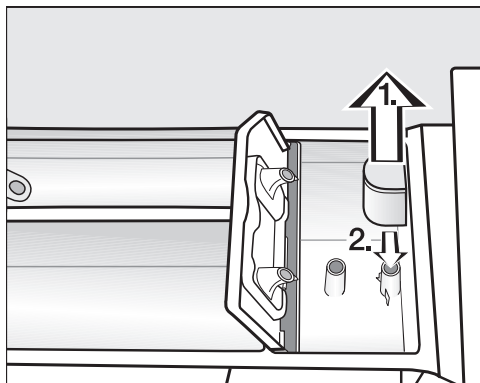
- Clean the entire drawer at regular intervals for hygiene reasons, even if you are using the TwinDos system exclusively.



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

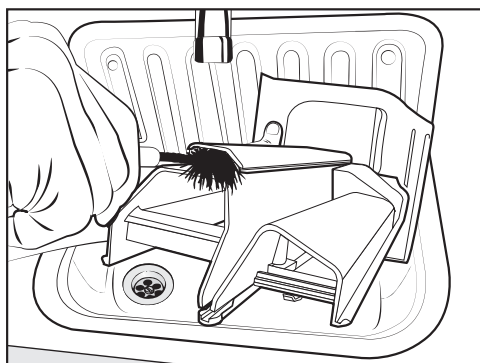
# Cleaning and care

## Cleaning the siphon tube and the channel



### ■ Clean the siphon.

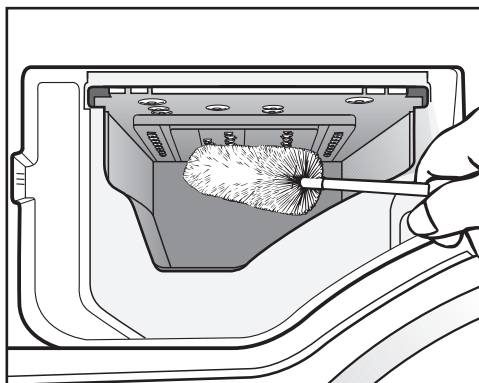
1. Remove the siphon from compartment 8 and clean under warm running water. Clean the siphon tube in the same way.
2. Replace the siphon.



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

Liquid starch results in clogging. Frequent use of liquid starch can cause the siphon to become clogged.

## Cleaning the detergent dispenser drawer housing



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

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

## Cleaning the drum

Washing at low temperatures and/or using liquid detergent can cause bacteria and unpleasant odours to build up in the washer-dryer. Use the **Clean machine** programme to clean the washer-dryer. Run this programme regularly or at the latest when the **Hygiene info** message appears in the display.

## 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 can become blocked and would then need to be cleaned by a service technician.

Clean the TwinDos system every time you change the brand of liquid detergent or fabric softener or if the system has not been used for a long period of time.

To clean the system, you either need a “TwinDosCare” cleaning cartridge (only available in selected countries) or an empty TwinDos container. Both are available from the Miele online shop.

The washer-dryer has a cleaning programme for cleaning the TwinDos system containers and the hoses inside the machine.

### Starting the maintenance programme

- Switch the washer-dryer on and wait until the standard display lights up.
- Touch the ∇ and ▲ sensors at the same time until the following appears in the display:

Language  

The settings menu is activated.

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

TwinDos 

- Confirm the setting with the OK sensor.
- Touch the ∇ sensor until the following appears in the display:

Maintenance 

- Confirm the setting with the OK sensor.

Mainten. comp. ① 

- Touch the ∇ or ▲ sensor until the compartment you want appears in the display and confirm this with the OK sensor.

Start Mainten.? Yes 

- Select **Yes** and confirm this with the OK sensor. Follow the instructions in the display.

The hoses will now be cleaned. The TwinDos system can be used again. After cleaning you can fill one or both containers with new liquid detergent and/or fabric softener.

### Cleaning the compartment

Detergent residue can cause clogging.

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

## Cleaning and care

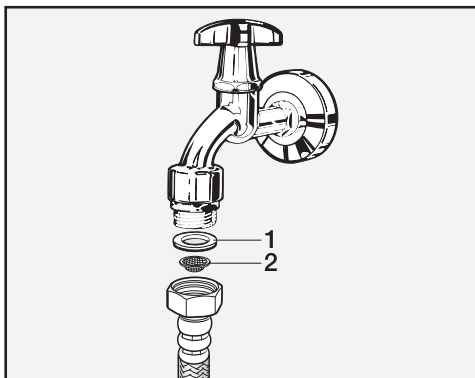
### Cleaning the water inlet filter

The washer-dryer has a filter to protect the water inlet valve. The filter in the union in the open end of the inlet hose should be checked approximately every six months or more often if there are frequent interruptions to the external water supply.

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

- Reassemble the filter and seal in the reverse order and reconnect the hose.
- Turn on the tap and check that the connection is watertight. If water leaks, tighten the connection.

**Never** forget to put the filter back in place after cleaning.




- Remove the rubber seal **1** from the recess.
- Hold the free end of the inlet hose upside down. The plastic filter **2** will fall out.
- Clean the plastic filter.

## Problem solving guide

With the help of the following guide, minor faults in the performance of the appliance that can occur in daily operation can easily be remedied without contacting Miele. Please note that a call-out charge will be applied to unnecessary service visits where the problem could have been rectified as described in this problem solving guide.




The following guide should help you to find the reason for a fault and to correct it. Please note:

 Unauthorised or incorrect repairs could be dangerous and cause injury or damage to the appliance.

Repair work to electrical appliances must only be carried out by a suitably qualified technician in strict accordance with current local and national safety regulations.









Some of the messages in the display are more than one line long. Touch the  $\vee$  or  $\wedge$  sensor to read them in full.


## A programme cannot be started

Problem	Possible cause and remedy
<b>The display remains dark and the <i>Start/Stop</i> button indicator light does not come on.</b>	There is no power to the machine. <ul style="list-style-type: none"><li>■ Check whether the mains plug is plugged in and switched on.</li><li>■ Check whether the circuit breaker has tripped.</li></ul>
	The washer-dryer has switched off automatically to save energy. <ul style="list-style-type: none"><li>■ Switch the washer-dryer back on with the  button.</li></ul>
<b>You are asked to enter a code.</b>	Access via a code has been activated. <ul style="list-style-type: none"><li>■ Enter the code and confirm the entry. Deactivate the code if you do not wish this message to appear in the display the next time the machine is switched on.</li></ul>
<b>The following appears in the display:</b>   Service Door jammed	The door is not closed properly. The door lock could not engage. <ul style="list-style-type: none"><li>■ Close the door again.</li><li>■ Start the programme again.</li><li>■ If the fault message appears again, contact Miele.</li></ul>

# Problem solving guide

## Fault messages after a programme has been cancelled

Problem	Possible cause and remedy
 Water intake See 	The water inlet is blocked or restricted. <ul style="list-style-type: none"><li>■ Check whether the tap is turned on properly.</li><li>■ Check whether the inlet hose is kinked.</li><li>■ Check whether there is sufficient water pressure.</li></ul>
	The filter in the water inlet is blocked. <ul style="list-style-type: none"><li>■ Clean the filter.</li></ul>
 Check drainage See 	The water outlet is blocked or restricted. The drain hose has been fixed too high. <ul style="list-style-type: none"><li>■ Clean the drain filter and the drain pump.</li><li>■ Check whether the maximum delivery height of 1 m has been exceeded.</li></ul>
  Service Waterproof syst.	The water protection system has reacted. <ul style="list-style-type: none"><li>■ Turn off the tap.</li><li>■ Call Miele.</li></ul>
  Service Fault F	There is a fault. <ul style="list-style-type: none"><li>■ Restart the programme.</li><li>■ If the fault message appears again, contact Miele.</li></ul>

To switch off the fault message, switch the washer-dryer off with the  button.



## Fault messages at the end of a programme

Message	Possible cause and remedy
<b>i</b> Check filter + jets	<p>The pumps are dirty.</p> <ul style="list-style-type: none"> <li>■ Clean the pumps as described in “Problem solving guide - Opening the door in the event of a blocked drain outlet and/or power cut”.</li> <li>■ Restart the programme after cleaning the pumps.</li> </ul> <p>The jet in the top of the door ring is blocked with fluff.</p> <ul style="list-style-type: none"> <li>■ Remove the fluff with your finger. Do not use any sharp or pointed tools to do this.</li> <li>■ Restart the programme after cleaning the jet.</li> </ul> <p>If the fault message appears again, contact Miele. The washer-dryer can still be used but with reduced functionality.</p>
<b>i</b> Hygiene info	<p>A programme using a temperature above 60°C has not been run for a long time.</p> <ul style="list-style-type: none"> <li>■ In order to prevent bacteria and unpleasant odours building up in the machine, run the <i>Clean machine</i> programme using the Miele dishwasher and washing machine cleaner or powder detergent.</li> </ul>
<b>i</b> Check detergent	<p>Excessive foam has built up during washing.</p> <ul style="list-style-type: none"> <li>■ Check the amount of detergent dispensed.</li> <li>■ With automatic detergent dispensing, check the dosage amount set.</li> <li>■ Observe the instructions on the detergent packaging and the degree of soiling of the laundry.</li> <li>■ If necessary, reduce the dosage amount by increments of 10%.</li> </ul>

The messages will appear at the end of the programme and when the washer-dryer is switched on and need to be confirmed with the OK sensor.




# Problem solving guide

## Fault messages at the end of a programme

Message	Possible cause and remedy
<b>i</b> Align the machine	<p>The smoothing process which the laundry undergoes at the end of the programme could not be carried out properly.</p> <ul style="list-style-type: none"><li>■ Check that the washer-dryer is aligned correctly as described in “Installation and connection - Levelling the washer-dryer”.</li><li>■ Check whether the maximum delivery height of 1.0 m has been exceeded.</li></ul> <p>If the fault message appears again, contact Miele. The washer-dryer can still be used but with reduced functionality.</p>
<b>i</b> Check load	<p>There is no laundry in the drum.</p> <p>The load is too small. The laundry is still damp because the residual moisture content in the laundry could not be measured.</p> <ul style="list-style-type: none"><li>■ In the future use a <i>Timed drying</i> programme for small amounts of laundry.</li></ul> <p>The amount of laundry exceeded the maximum load for the selected programme.</p> <ul style="list-style-type: none"><li>■ Observe the maximum loads listed in the Programme chart.</li></ul>
<b>i</b> Start the "Rinse out fluff" programme under "Further programmes"	<p>The <i>Rinse out fluff</i> programme has not been used for a long time.</p> <ul style="list-style-type: none"><li>■ Start the “Rinse out fluff” programme as described in “Washing and Drying” - “Rinse out fluff programme”.</li></ul>

The messages will appear at the end of the programme and when the washer-dryer is switched on and need to be confirmed with the OK sensor.

## Problems with TwinDos

Problem	Possible cause and remedy
<b>i</b> Container ① empty	One or both TwinDos containers are empty. <ul style="list-style-type: none"> <li>■ Fill the container or containers with liquid detergent or fabric softener or replace the cartridge(s).</li> <li>■ Check if the laundry is clean. There may not have been enough detergent. Wash the items again if necessary.</li> </ul>
<b>i</b> Cartridge ① almost empty	The detergent in the cartridges is running low. There are between 4 and 8 wash cycles remaining. <ul style="list-style-type: none"> <li>■ Order new cartridges.</li> </ul>
<b>i</b> Use "TwinDos" or start Maintenance. See 	TwinDos or automatic dispensing via compartment ①/② has not been used for a long time. <ul style="list-style-type: none"> <li>■ Use TwinDos for one of your next loads.</li> <li>■ Carry out the TwinDos maintenance programme as described in "Cleaning and care - TwinDos maintenance".</li> </ul>
 TwinDos Mainten. for comp. ① must be started. See 	TwinDos or automatic dispensing via compartment ①/② has not been used for a long time. It is possible that detergent has dried inside the hoses. <ul style="list-style-type: none"> <li>■ Carry out the TwinDos maintenance programme <b>immediately</b> as described in "Cleaning and care - TwinDos maintenance".</li> </ul>
The messages shown on this page are examples. They may differ depending on whether they refer to compartment ① or ②.	

The messages will appear at the end of the programme and when the washer-dryer is switched on and need to be confirmed with the OK sensor.



# Problem solving guide

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## Problems with TwinDos


Problem	Possible cause and remedy
<b>No detergent and/or fabric softener was dispensed.</b>	Automatic dispensing has not been activated. ■ Touch the <i>TwinDos</i> sensor before running the next programme. Automatic dispensing will be activated.
	No detergent/fabric softener was dispensed although automatic dispensing was activated. ■ Try again. ■ If detergent is still not dispensed, call Miele.
<b>There are dark specks in the liquid detergent.</b>	Mould has developed in the detergent. ■ Pour the liquid detergent out of the container and then clean the container thoroughly.

## General problems with the washer-dryer

Problem	Possible cause and remedy
<b>The washer-dryer is not steady during a spin cycle.</b>	<p>The machine feet are not level.</p> <ul style="list-style-type: none"> <li>■ Level the machine and adjust the feet correctly.</li> </ul>
<b>Unusual pumping noises.</b>	<p>This is not a fault. Slurping noises occur at the end of the pump sequence as a normal part of operation.</p>
<b>Spinning sounds during the drying process.</b>	<p>This is not a fault. The machine will spin even during a drying programme (thermospin).</p>
<b>The laundry has not been spun properly and the laundry is still wet.</b>	<p>The machine detected an imbalance during the final spin and reduced the spin speed automatically.</p> <ul style="list-style-type: none"> <li>■ Include both large and small items in the load as this will give better distribution.</li> </ul>
<b>Large amounts of detergent residue remain in the detergent dispensing drawer.</b>	<p>The water pressure is too low.</p> <ul style="list-style-type: none"> <li>■ Clean the filters in the water inlet.</li> <li>■ It may be useful to select the <i>Water plus</i> option.</li> </ul>
	<p>Powder detergent used in conjunction with water softeners tends to become sticky.</p> <ul style="list-style-type: none"> <li>■ Clean the detergent dispenser drawer and, in the future, add washing powder to the dispensing drawer first, and then add the water softener.</li> </ul>
<b>There is water next to the capsule in the fabric softener compartment.</b>	<p>The <i>Cap</i>  sensor was not activated or an empty capsule was not removed at the end of the last programme.</p> <ul style="list-style-type: none"> <li>■ Make sure that you remember to activate the <i>Cap</i>  sensor the next time you insert a capsule.</li> <li>■ Remove and dispose of the empty capsule at the end of each programme.</li> </ul>
	<p>The small pipe in the detergent dispenser drawer onto which the capsule is placed is blocked.</p> <ul style="list-style-type: none"> <li>■ Clean the small pipe.</li> </ul>

# Problem solving guide

## General problems with the washer-dryer

Problem	Possible cause and remedy
<b>Fabric softener is not completely dispensed or too much water remains in the  compartment.</b>	The siphon tube is not correctly positioned or clogged. ■ Clean the siphon (see “Cleaning and care - Cleaning the detergent dispensing drawer”).
<b>At the end of the programme there is still liquid in the capsule.</b>	The small pipe in the detergent dispenser drawer onto which the capsule is placed is blocked. ■ Clean the small pipe.
	This is not a fault. For technical reasons a small amount of water will remain in the capsule.
<b>The display is in a different language.</b>	A different language has been selected in “Settings - Language

## General problems with the washer-dryer

Problem	Possible cause and remedy
<b>Foam comes out of the detergent dispenser drawer while the <i>Rinse out fluff</i> programme is running.</b>	<p>There is residual detergent from the last programme in the suds container.</p> <ul style="list-style-type: none"> <li>■ Make sure you always dispense the correct amount of detergent. For precise dispensing, use automatic detergent dispensing.</li> </ul>
<b>There is foam in the drum at the end of the <i>Rinse out fluff</i> programme.</b>	<p>The <i>Rinse out fluff programme</i> also rinses out residual detergent from the suds container. This can lead to the formation of foam.</p> <ul style="list-style-type: none"> <li>■ Run the <i>Rinse out fluff</i> programme regularly to prevent detergent residues from accumulating in the suds container.</li> </ul>
<b>There is still fluff in the drum after the end of the <i>Rinse out fluff</i> programme.</b>	<p>You have not run the <i>Rinse out fluff</i> programme for a long time.</p> <ul style="list-style-type: none"> <li>■ Remove the fluff from the drum.</li> <li>■ Run the <i>Rinse out fluff</i> programme on a regular basis.</li> </ul>
<b>The washer-dryer smells.</b>	<p>The Hygiene info was ignored. A programme using a temperature above 60°C has not been run for a long time.</p> <ul style="list-style-type: none"> <li>■ In order to prevent bacteria and unpleasant odours building up in the machine, run the <i>Clean machine</i> programme using the Miele dishwasher and washing machine cleaner or powder detergent.</li> </ul>
	<p>The detergent dispenser drawer was left closed after washing.</p> <ul style="list-style-type: none"> <li>■ Leave the detergent dispenser drawer slightly open to allow it to dry.</li> </ul>

# Problem solving guide

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## An unsatisfactory wash result

Problem	Possible cause and remedy
<b>White residues which look like powder detergent are seen on dark textiles after washing.</b>	<p>The detergent contains compounds (zeolites) to aid water softening which are not soluble in water. These have ended up on the laundry.</p> <ul style="list-style-type: none"><li>■ Try and brush off the residues with a soft brush once the laundry is dry.</li><li>■ In the future, wash dark textiles with a detergent which contains no zeolites. Liquid detergents do not usually contain zeolites.</li><li>■ Use the <i>Dark garments</i> programme.</li></ul>
<b>Liquid detergent does not give the required result.</b>	<p>Liquid detergents usually contain no bleaching agents. They do not remove fruit, coffee and tea stains.</p> <ul style="list-style-type: none"><li>■ Use the Miele 2-phase system.</li></ul> <p>The targeted addition of UltraPhase 2 during the wash process removes stains effectively.</p> <ul style="list-style-type: none"><li>■ Use a general purpose powder detergent containing a bleaching agent.</li></ul>
<b>Grey, greasy particles cling to washed laundry.</b>	<p>Insufficient amounts of detergent were used. The laundry was heavily soiled with grease (oils, ointments).</p> <ul style="list-style-type: none"><li>■ Use more detergent or liquid detergent with this type of soiled laundry.</li><li>■ Before washing the next load, run the <i>Clean machine</i> programme using the Miele dishwasher and washing machine cleaner or a powder detergent.</li></ul>




## Unsatisfactory drying result

Problem	Possible cause and remedy
<b>The laundry is too damp after drying and</b> Check load <b>appears in the display</b>	The load was too small for the electronics to assess the residual moisture correctly. <ul style="list-style-type: none"> <li>■ Start the programme again and instead of a drying level select a <i>Timed drying</i> programme.</li> <li>■ In the future use a <i>Timed drying</i> programme for small amounts of laundry.</li> </ul>
	During the spin cycle, the laundry formed a ring in the drum because the laundry was distributed unevenly. The laundry formed a ring during the thermospin because it was too damp or because the spin speed was set too high. <ul style="list-style-type: none"> <li>■ Open the door and loosen the laundry.</li> <li>■ Start the drying programme again with a lower spin speed, or select <i>Timed drying</i> instead of a drying level.</li> </ul>
<b>The laundry feels damp after drying.</b>	The <i>Steam smoothing</i> option has been selected. <ul style="list-style-type: none"> <li>■ Unload the laundry and place it on hangers to finish drying.</li> </ul>
	Warm laundry can feel damp. <ul style="list-style-type: none"> <li>■ Spread the laundry out to cool it down.</li> </ul>
<b>The laundry is too damp or too dry after a drying cycle.</b>	The desired residual moisture level is between two drying levels. <ul style="list-style-type: none"> <li>■ Change the level of drying as described in “Settings - Drying levels”.</li> </ul>
<b>There is still water in the drum after drying.</b>	There is a blockage in the water outlet. <ul style="list-style-type: none"> <li>■ Clean the drain filter and the drain pump as described in “Opening the door in the event of a blocked drain outlet and/or power cut” and check the height of the drainage point.</li> </ul>

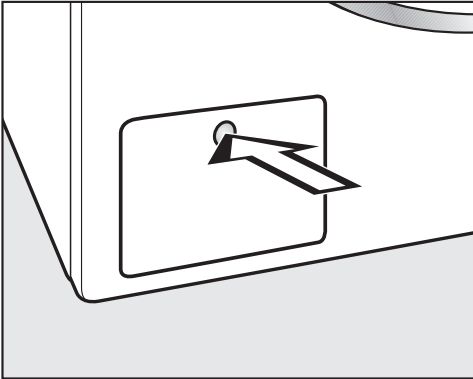
# Problem solving guide

## The door will not open

Problem	Possible cause and remedy
<b>The door cannot be opened while a programme is running.</b>	The door is locked during a programme. <ul style="list-style-type: none"><li>■ Press the Start/Stop button.</li><li>■ Select <b>Cancel programme</b> or <b>Add laundry</b> with the <b>√</b> or <b>^</b> sensors.</li></ul> The door will unlock and you will be able to pull it open.
	There is still water in the drum and the washer-dryer is unable to drain. <ul style="list-style-type: none"><li>■ Clean the drain filter and the drain pump as described in “Opening the door in the event of a blocked drain outlet and/or power cut”.</li></ul>
	The water level in the drum is too high. <ul style="list-style-type: none"><li>■ Cancel the programme. The water will be pumped away.</li></ul>
<b>At the end of the programme or after a programme cancellation:</b> Cooling down <b>or</b> Extra cooling <b>appears in the display</b>	For safety reasons the door cannot be opened if the temperature in the drum exceeds 55 °C during washing or 70 °C during drying. <ul style="list-style-type: none"><li>■ Wait until the temperature in the drum has decreased and the message has gone out in the display.</li></ul>
<b>The following appears in the display:</b>  Service Door jammed	The door lock has jammed. <ul style="list-style-type: none"><li>■ Call Miele.</li></ul>

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

- Switch the washer-dryer off.




- Press the drain pump access panel.

The panel will spring open.

### Blocked drain outlet

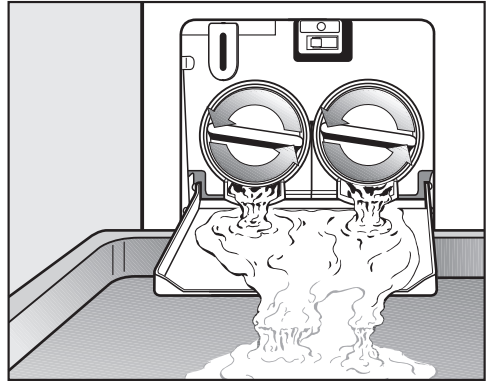
If the drain outlet is blocked, a large quantity of water can remain in the washer-dryer.

 **Danger of scalding if laundry has been washed at a high temperature!**  
Take care when draining the suds solution.

### Procedure for draining the machine

When draining water from the machine, do not unscrew the filters completely or take them right out.

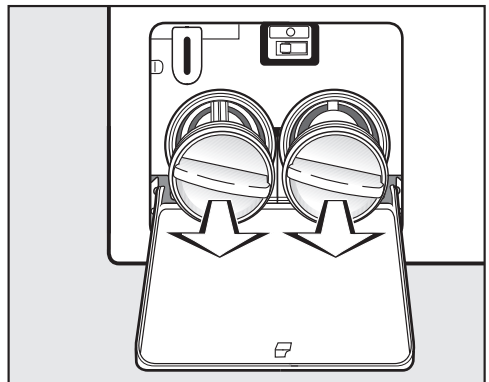
- Place a suitable container under the access panel, e.g. a universal oven tray.



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

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

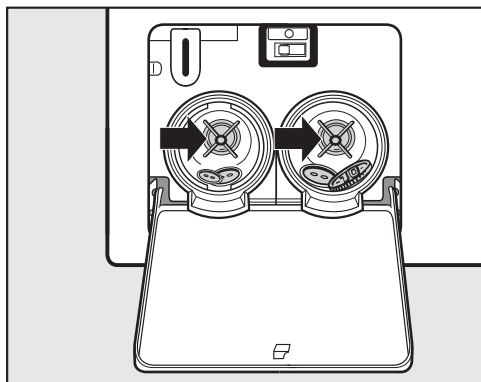
Once the flow of water ceases:



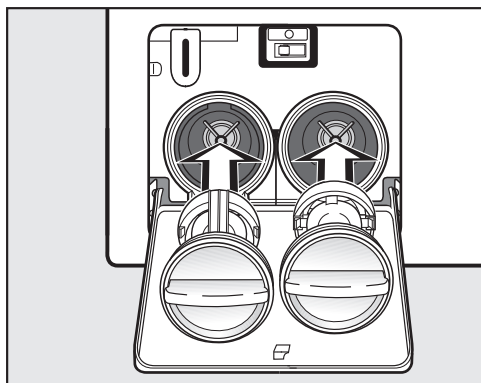
- Remove the filters completely.

# Problem solving guide


## Cleaning the filters



- Clean the filters thoroughly.
- Remove any foreign objects (e.g., buttons, coins etc.) and clean the interior. Turn the impellers by hand to check that they rotate freely.




- Replace the filters correctly (on the right and left) and tighten them.

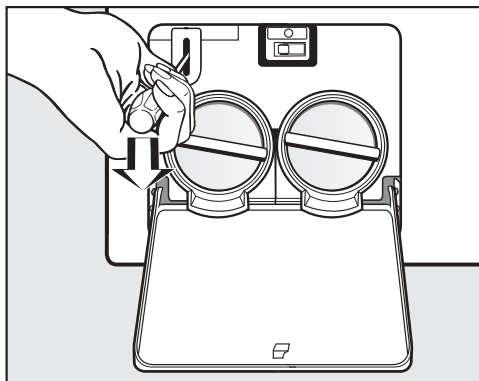
 Overflowing water can cause damage.

Replace and tighten the filters securely.

## Opening the door

 Reaching into a moving drum is extremely dangerous. Danger of injury!

Always make sure that the drum is stationary before reaching in to remove laundry.



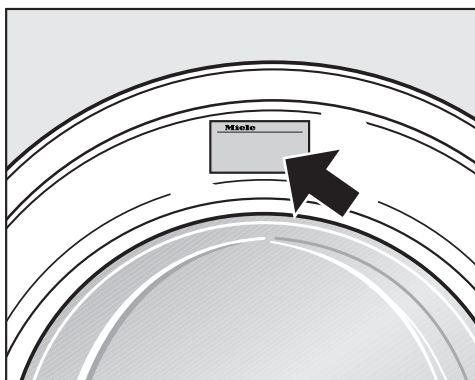
- Use a screwdriver to unlock the door of the machine as shown.
- Pull open the door.

### Repairs

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

The contact details for Miele can be found at the end of these operating instructions.

When contacting Miele, please quote the model and serial number of your appliance. They can be found on the data plate which is visible above the porthole glass when the door is opened.



### Warranty

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

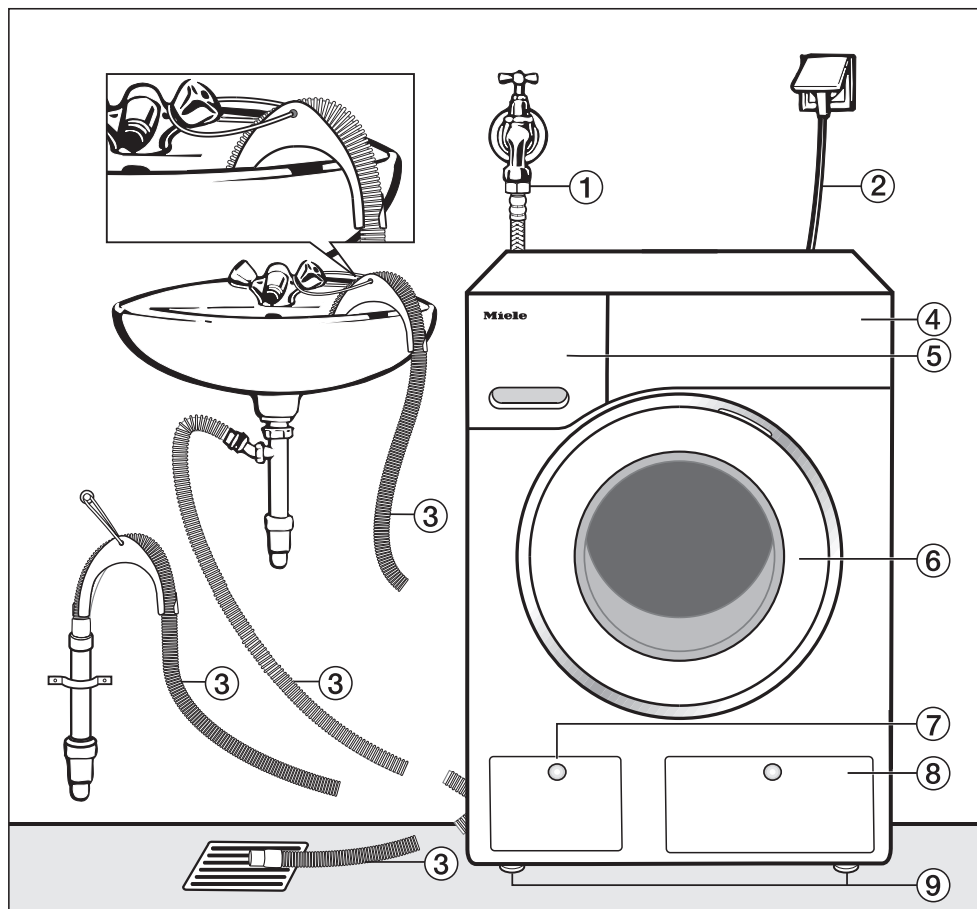
See the warranty card supplied with the washer-dryer for further details.

### Optional accessories

Optional accessories for this washer-dryer are available from Miele.

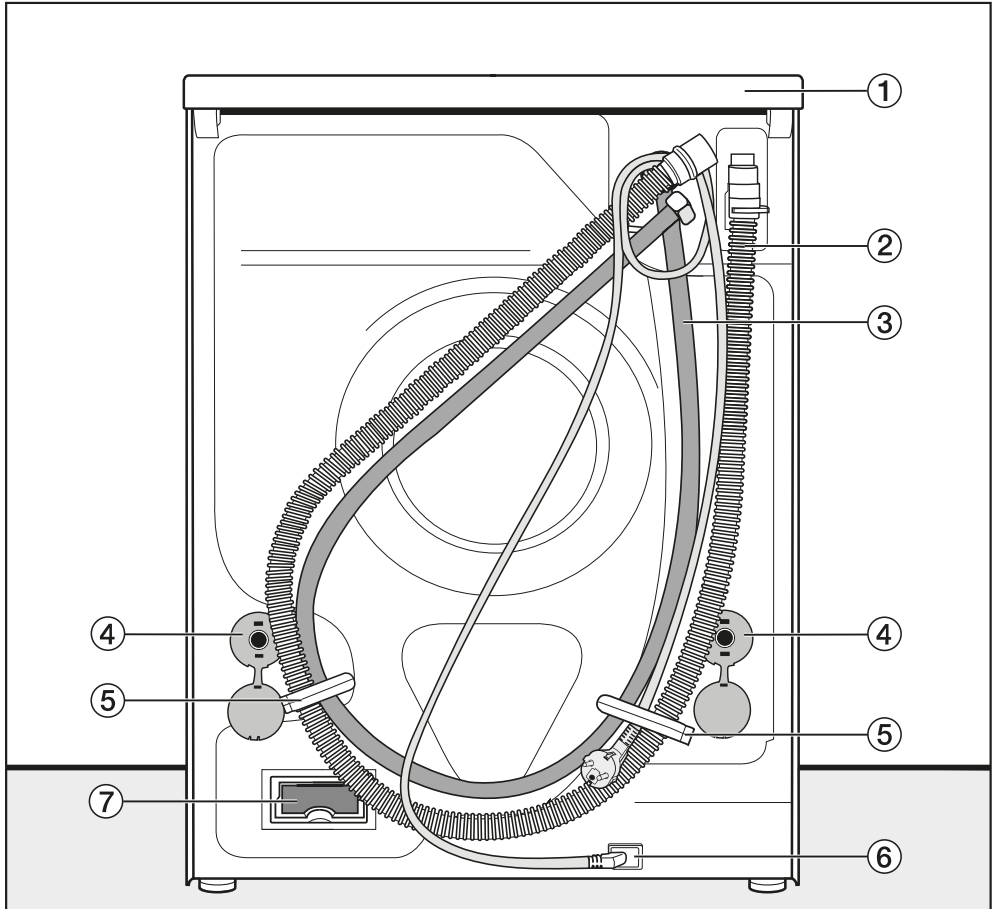
# Installation and connection

## Front view



- ① Waterproof metal inlet hose (braided)
- ② Electrical connection
- ③ Flexible drain hose (with detachable swivel elbow)
- ④ Control panel
- ⑤ Detergent dispenser drawer
- ⑥ Door
- ⑦ Access to filters, pumps and emergency release
- ⑧ Access panel for TwinDos containers
- ⑨ Four height-adjustable feet

## Rear view



- |  |   |
|--|---|
| ① Protruding lid for holding when moving the machine | ⑤ Transport clips for inlet and drain hoses                 |
| ② Drain hose   | ⑥ Electrical connection                                     |
| ③ Waterproof metal inlet hose (braided)              | ⑦ Miele@home communication module slot (depending on model) |
| ④ Safety caps for transit bars                       |   |

# Installation and connection

## Installation surface

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

Please note:

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

If installing on a wooden joist floor:

- We recommend a plywood base (at least 59x60x3 cm). The base should span several joists and be bolted to the joists and not only to the floorboards. Check for the presence of pipes and cables first.

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

## Carrying the washer-dryer to its installation site

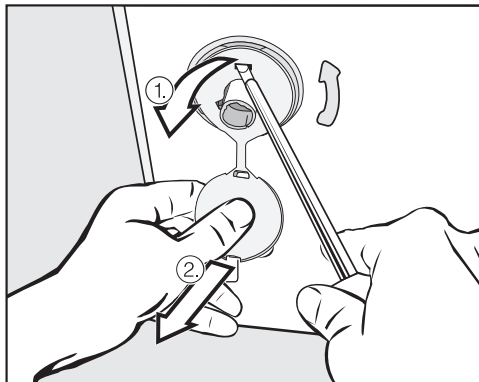
⚠ Make sure the fixings at the back of the lid are secure. They may become brittle due to external circumstances.

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

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

- Carry the washer-dryer by the front feet and by the lid where it protrudes at the back of the appliance.

## Removing the transit bars

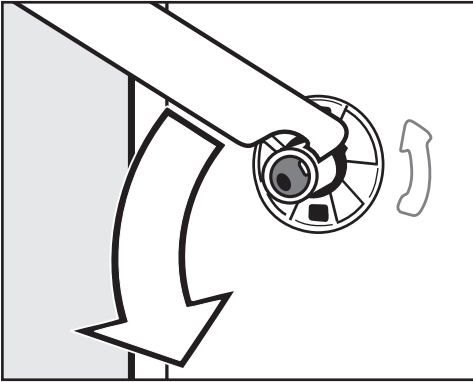


- Remove the left and right covers.

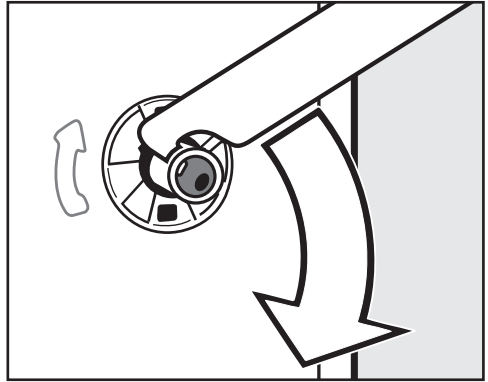
1. Pull off the transit bar covers and
2. then use a screwdriver to release the catches at the top and bottom.



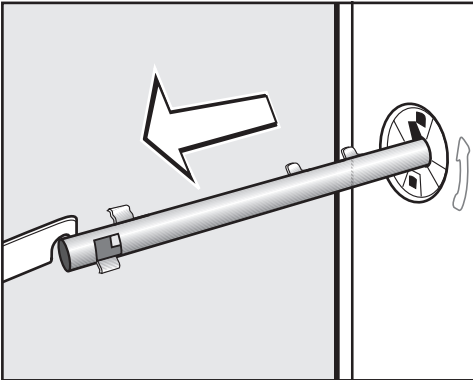
## Installation and connection



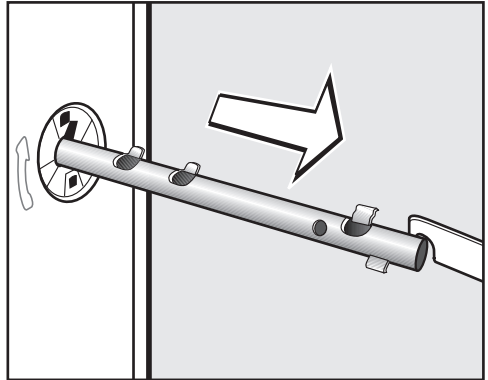
- Using the spanner supplied, turn the left-hand transit bar 90°, then



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



- withdraw the transit bar.

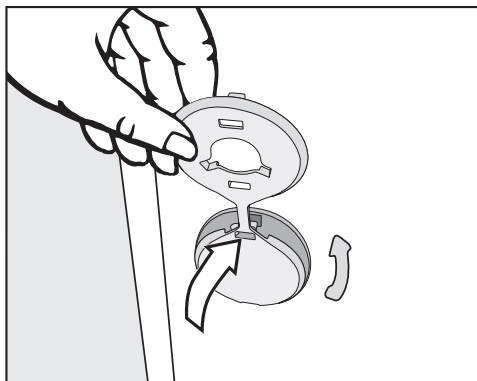


- withdraw the transit bar.

## Installation and connection

### Danger of injury!

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



- Fit the covers onto the two holes.

### The washer-dryer must not be moved without the transit bars in place.

Store 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).

## Refitting the transit bars

- Refitting is carried out by reversing the procedure.

## Installing under a continuous worktop


### The appliance lid cannot be removed.

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

## Levelling the washer-dryer

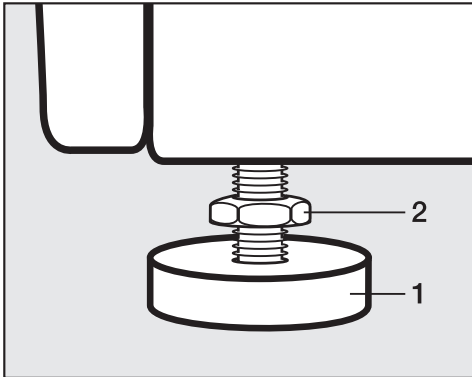
The washer-dryer must stand perfectly level on all four feet to ensure safe and proper operation.

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

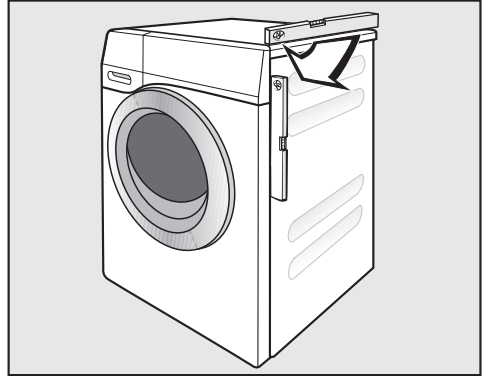
 The appliance must not be installed behind a lockable door, a sliding door or a door with a hinge on the opposite side to that of the tumble dryer, in such a way that a full opening of the tumble dryer door is restricted.

## 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 washer-dryer 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 the washer-dryer 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 counter nuts must sit firmly up against the housing. Otherwise there is a danger of the machine moving about. Please also check this for the feet which did not need adjustment.

# Installation and connection

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## The Miele water protection system

The water protection system protects all parts of the washer-dryer from water damage.

The system consists of three main components:

- the inlet hose
- the electronic unit, and the drainage and overflow protection
- the drain hose

### Inlet hose

- Protects the safety valve from bursting

The inlet hose can withstand pressure of more than 14,000 kPa.

- Protective sleeve

The inlet hose has a protective sleeve which is made from metal braiding as a “second skin” to protect the hose against damage.

## Electronic unit and 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. This shuts off the water intake and prevents any more water from flowing into the machine. Water in the suds container is pumped away.

- Overflow protection

This prevents the machine from taking in too much water and overflowing. 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 machine from being emptied completely.

## Water intake

The washer-dryer should be connected to a mains water supply in accordance with current local and national safety regulations. It must be installed according to AS/NZS 3500.1. Backflow prevention is already integrated in the appliance.

The flow pressure must amount to a minimum of 100 kPa (1 bar) and must not exceed an overpressure of 1000 kPa (10 bar). If it is higher than 1000 kPa, a pressure reduction valve must be installed.

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



The connection point is subject to mains water pressure.

Turn on the tap slowly and check for leaks. Correct the position of the washer and union if necessary.

The washer-dryer 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 14,000 kPa should you ever need a replacement.

In order to protect the water inlet valve, the dirt filter in the union nut at the open end of the inlet hose must not be removed.

# Installation and connection

## Drainage

The suds are drained through a drain pump with a 1 m delivery head. For the water to drain freely, the hose must be installed free of kinks. The elbow piece supplied hooks onto the end of the hose. If required, the hose can be extended to a length of up to 5 m. The necessary parts can be purchased from Miele.

For a delivery head of more than 1 m (up to a max. of 1.8 m) a replacement drain pump will need to be fitted. Please contact Miele for advice. In this case the hose can be extended to a maximum of 2.5 m. The necessary parts can be purchased from Miele.

### Drain hose connection options

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

Please note:

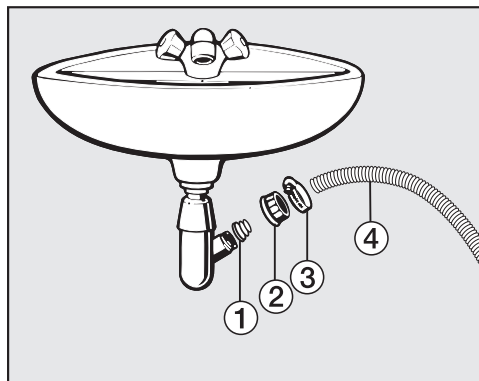
- Hook the hose over the edge and secure it.
- Make sure that the water can drain away freely without hindrance. Otherwise there is a risk of water overflowing or of some of the drained water being sucked back into the machine.

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

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

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

## Connecting to a washbasin



① Adapter

② Washbasin nut

③ Hose clip

④ End of the hose


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

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

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

## Electrical connection


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

 After the washer-dryer has been installed, the plug must be easily accessible.






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

All electrical work must be carried out by a suitably qualified and competent person, in strict accordance with national and local safety regulations. For extra safety, it is advisable to install a residual current device (RCD) with a trip current of 30 mA. Ensure power is not supplied to the appliance until after the installation has been completed. Connection should be made via a suitable switched socket.
























If the connection cable is damaged, it must only be replaced with a specific connection cable of the same type (available from Miele). For safety reasons, such replacement may only be carried out by a qualified technician or Miele.




 **WARNING: THIS APPLIANCE  
MUST BE EARTHED**





# Garment care label symbols





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




## Programme selection examples

Programme	Garment care label symbols
Cottons	     
Minimum iron	    
Delicates	 
Woollens 	
Silks 	
Express	 
Automatic	   

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

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

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

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



## Consumption data

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

	Load	Consumption data		
		Energy in kWh	Water in litres	Duration Normal Cold Water
<b>Cottons</b> 40°C	8.0 kg	0.775	73	3 h 58 min

**Notes for test institutes:**

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

Consumption data for the nominated energy labelling programme according to AS/NZS 2442.1 & AS/NZS 2442.2


	Load	Consumption data		
		Energy in kWh	Water in litres	Duration Normal Cold Water
<b>Cottons</b> Normal+	5.0 kg	2.77	21	2 h 07 min

**Notes for test institutes:**

Before selecting Drying, the *Cottons* 60°C Washing programme must be selected first.

With the *PowerWash 2.0* washing technique, during the heating phase, the temperature measured by the sensor in the suds container is higher than the actual temperature of the laundry. The temperature measured there **does not** reflect the temperature of the laundry.

## Consumption data

		Load kg	Energy kWh	Water Litres	Duration h:min
<b>Washing</b>					
<b>Cottons</b>	90°C	8.0	2.40	57	2:29
	60°C	8.0	1.35	57	2:29
	⏮60°C	8.0	1.10	57	2:59
	⏮60°C	4.0	0.90	41	2:59
	40°C	8.0	0.90	73	2:39
	40°C	4.0	0.58	49	2:29
	20°C	8.0	0.35	73	2:39
<b>Minimum iron</b>	30°C	4.0	0.34	49	1:59
<b>Delicates</b>	30°C	3.0	0.40	40	1:09
<b>Woollens</b> 	30°C	2.0	0.23	35	0:38
<b>Automatic</b>	40°C	6.0	0.82	55	1:57
<b>QuickPower</b>	40°C	5.0	0.75	45	0:59
<b>Express</b>	40°C	3.5	0.30	31	0:30
<b>Drying</b>					
<b>Cottons</b>	Normal	5.0	2.40	19	2:05
<b>Minimum iron</b>	Normal	4.0	1.40	12	1:15
<b>Washing and drying</b>					
<b>Cottons</b>	⏮60°C Normal dry	8.0 1x 5.0 + 1x 3.0	5.36	105	6:40
<b>QuickPower</b>	40°C Normal	5.0	3.70	65	3:15

Consumption data and programme durations can vary from the nominal values given depending on water pressure, water hardness, water inlet temperature, room temperature, type and volume of load, residual moisture levels when drying, fluctuations in the electricity supply and any options selected.

## Technical data

Height	850 mm
Width	596 mm
Depth	714 mm
Depth with door open	1132 mm
Height for building under	850 mm
Width for building under	600 mm
Weight	approx. 102 kg
Capacity, washing	8.0 kg dry laundry
Capacity, drying	5.0 kg dry laundry
Voltage	See data plate
Rated load	See data plate
Fuse rating	See data plate
Consumption data	See "Consumption data"
Water flow pressure minimum	100 kPa (1 bar)
Water flow pressure maximum	1000 kPa (10 bar)
Inlet hose length	1.55 m
Drain hose length	1.50 m
Connection cable length	2.00 m
Drain pump head height max.	1.00 m
Drain pump length max.	5.00 m
LEDs	Class 1
Test certificates awarded	See data plate

# Settings

Default settings can be altered to adapt the washer-dryer to different requirements. Settings can be altered at any time.

## Calling up settings

Before you begin, ensure the following:

- The washer-dryer is switched on.
- The standard display is showing.



- Touch the V and ^ sensors at the same time.

The following will appear in the display:



You are now in the *settings* menu.

## Selecting settings

- Touch the V or ^ sensor until the setting you want appears in the display.
  - The V 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 V sensor 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.

## Exiting a setting

- Touch the V or ^ sensor repeatedly until Back ↩ appears in the display.
- Touch the OK sensor.

## 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 and amount of detergent and also start a cleaning programme for the TwinDos system.

### Detergent/amount

The washer-dryer is pre-set as standard for UltraPhase 1 and UltraPhase 2 for hardness range I ()

The settings must be changed in the electronics:

- for water hardness range II () and water hardness range III ()
- when changing to a different detergent or fabric softener. TwinDos containers (optional accessories) are required for this.

Please refer to the UltraPhase cartridges for correct dosage amounts for each water hardness range.

### Adjusting the dosage amount

Deterg. type/amount 

- Touch the OK sensor.

Compartment ① 

- Touch the OK sensor.

Miele UltraPhase 1✓ 

- Touch the OK sensor.

Dosage - ① 48ml

- Use the ^ and v sensors to adjust the dosage amount as required and confirm this value with the OK sensor.

 Set the dosage for UltraPhase 2

- Confirm the message with the OK sensor.

Dosage - ② 36ml

- Use the ^ and v sensors to adjust the dosage amount as required and confirm this value with the OK sensor.

The dosage amount has been adjusted.

# Settings

## Changing the detergent type

Dosage amounts for Miele products (e.g. UltraColor, Miele Fabric Softener) are preset for water hardness range I (P<sub>1</sub>).

Deterg. type/amount

- Touch the OK sensor.

Compartment ①

- Touch the OK sensor.

Miele UltraPhase 1 ✓

- Select the detergent you want using the  $\wedge$  and  $\vee$  sensors and confirm your selection with the OK sensor.

Miele UltraColor ✓

Dosage - ① 105 ml

- Confirm the amount of detergent with the OK sensor or change the dosage amount using the  $\wedge$  and  $\vee$  sensors.

i Settings for compartment ② cancelled

- Confirm the message with the OK sensor.

Compartment ①

- Select *Compartment 2* using the  $\wedge$  and  $\vee$  sensors and confirm your selection with the OK sensor.

No entry ✓

- Select the detergent you want using the  $\wedge$  and  $\vee$  sensors and confirm your selection with the OK sensor.

Miele fabric soft. ✓

Dosage - ② 70 ml

- Confirm the amount of detergent with the OK sensor or change the dosage amount using the  $\wedge$  and  $\vee$  sensors.

The electronics are set for the new detergents.

## Maintenance

The washer-dryer has a cleaning programme for cleaning the TwinDos system containers and the hoses inside the machine.

Clean the TwinDos system if it is not going to be used for a long time or before changing the brand of liquid detergent or fabric softener. See “Cleaning and care - TwinDos maintenance” for more details.

## Degree of soiling

You can select the default setting for the degree of soiling or switch the degree of soiling query on or off.

### Options

- Default setting  
You can choose between the Light, Normal or Heavy degree of soiling settings.  
Factory default setting: Normal
- Query  
You can switch the degree of soiling query on or off.  
Factory default setting: On

## Buzzer volume

You can select one of seven different settings for the buzzer volume.

The settings are represented by a bar chart. At the lowest setting, the buzzer is switched off.

## Keypad tone

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

Factory default setting: the keypad tone is switched on.

## PIN Code

The code prevents the washer-dryer being used without your knowledge.

### Options

- Activate  
The code is 125 and can be activated.  
When the code has been activated, you have to enter the code after switching the washer-dryer on. Otherwise the washer-dryer cannot be operated.
- Deactivate  
For using the washer-dryer without entering the code. This only appears if the PIN code has been activated previously.
- Change  
You can enter a code of your own.

If you forget the code the machine will have to be unlocked by a Miele service technician.  
Important! Make a note of your new code.

## Temperature unit

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

Factory default setting: Celsius (°C).

# Settings

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## Display brightness

There are seven different display brightness settings.

The brightness will change as soon as a different setting is chosen.

## Display switch-off status

To save energy, the display goes out and the indicator light for the *Start/Stop* button will start flashing slowly.

### Options

- On  
The display will go out after 10 minutes.
- On (not in current programme)  
(Factory default setting)  
The display will remain on while the programme is running but will go out 10 minutes after the end of the programme.
- Off  
The display will remain on.

## Display maximum load

After a programme is selected the maximum load appears in the display for a short time. You can switch this off.

Factory default setting: *Display maximum load* is switched on.

## Display programme name

The name of the selected programme is shown briefly in the display. You can choose whether the programme name is displayed or not.

Factory default setting: *Display programme name* is switched off.

## Memory

The washer-dryer will save the last settings selected for a programme (temperature, spin speed and some of the options) after the programme has started.

The next time the programme is chosen these saved settings will appear in the display.

Factory default setting: the memory function is switched off.



## Pre-wash time Cottons

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

### Options

- Normal (factory default setting)  
25 minute pre-wash.
- +6 minutes  
31 minute pre-wash.
- +9 minutes  
34 minute pre-wash.
- +12 minutes  
37 minute pre-wash.

## Soak duration

You can set a duration for the soak process of between 30 minutes and 5 hours.

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

## 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.

If Gentle action is activated, each wash phase in the programme selected will be run with the gentle action wash rhythm.

Factory default setting: Gentle action is switched off.

## Temperature reduction

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

Factory default setting: the *temperature reduction* setting is switched off.

# Settings

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## Water plus

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

### Options

- Water plus (factory default setting)  
More water is used in the wash and rinse stages.
- Extra rinse  
An additional rinse is carried out.
- Water plus and Extra rinse  
The water level is increased in the wash and rinse stages and an extra rinse is carried out.

## Water plus level

There are four different water levels which can be selected with Water plus.

### Level

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

## Maximum rinse level

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

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

Factory default setting: the maximum rinse level setting is switched off.

## Suds cooling

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

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

Suds cooling should be activated:

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

Factory default setting: Suds cooling is switched off.

## Low water pressure

If the water pressure is below 100 kPa the washer-dryer will stop the programme and the error message Water intake fault will appear in the display.

If the on-site water pressure cannot be increased and the water pressure is constantly low (below 100 kPa), activating this setting will prevent the programme from being cancelled.

Factory default setting: *Low water pressure* is switched off.

## Laundry ring prevention

The maximum final spin speed can be limited to prevent laundry forming a ring around the drum. This setting is only effective when washing and drying in a continuous sequence.

### Options

- 1200 rpm (factory default setting)
- 1100 rpm
- 1000 rpm
- 900 rpm

## Drying levels

You can adjust the drying levels in the *Cottons*, *Minimum iron* and *Automatic* programmes.

The drying level is shown in a bar chart:

- Less bars = damper
- More bars = drier

## Extended cool down

The cooling down phase which takes place before the end of a programme can be lengthened if required. This makes the garments easier to handle.

The cooling down phase can be lengthened from 0 min to 18 minutes. The programme duration will increase accordingly.

# Settings

## Miele@home

The Miele@home setting is only visible when the Wi-Fi module is fitted.

## Miele@mobile App

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



After installing the Miele@mobile App on a mobile device, you can do the following, depending on your appliance:

- Operate your appliance remotely
- Call up information on the operating status of your appliance
- Call up information on the programme sequence of your appliance
- Set up a Miele@home network with other Wi-Fi enabled Miele appliances

## Connecting the washer-dryer to your Wi-Fi network

Make sure there is sufficient signal strength for your Wi-Fi network where the washer-dryer is installed.

The XKM 3100 W module must be fitted.

There are several ways of connecting your washer-dryer to your Wi-Fi network.

### 1. Connect via the Miele@mobile App

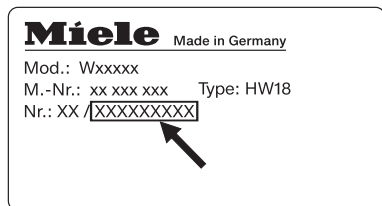
The Miele@mobile App can be used to connect to your network.

- Install the Miele@mobile App on your mobile device.
- Follow the instructions in the App as well as the fitting and installation instructions supplied with the XKM 3100 W module.

To log in you will need:

1. Your Wi-Fi network password
2. The password for your washer-dryer

The password for your washer-dryer consists of the last nine digits of the serial number. This can be found on the machine's data plate.



## 2. Connect via WPS

### Pre-requisites:

- You must have a WPS compatible router.
- The Wi-Fi module must be inserted in the module shaft.
- The washer-dryer must be switched on.

- Follow the fitting and installation instructions supplied with the XKM 3100 W module.

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

**Useful tip:** If your Wi-Fi router does not support WPS, please connect via the Miele@home App.

## Module settings

We recommend connecting your dishwasher to your Wi-Fi network with the help of the Miele@mobile App or via WPS. If you would rather set up the connection to your router yourself, or you have a special network configuration, you can enter the relevant settings using the necessary technical knowledge.

### Module-Info

Displays information via the Wi-Fi module.

### Start module activity

If you wish to reset all entered settings and values for Miele@home, you can restore the factory default settings on your Wi-Fi module. Any settings which do not affect Miele@home will remain unchanged.

Select **Restart with default** and confirm with **OK**.

## System settings

This function is reserved for the manual integration of your appliance into your network by a Miele service technician.

# Settings

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## Remote control

The Remote control setting is only visible when the Wi-Fi module is fitted and signed on.

Once the Miele@mobile App has been installed on your mobile device, you can check the status of your washer-dryer from anywhere and start it remotely.

The Remote control setting has to be switched on if you want to start your washer-dryer with your mobile device.

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

Use the Delay start sensor to set a time by when you want to start the washer-dryer (see “Delay start/SmartStart”). The washer-dryer will then start within the specified timeframe when it receives your signal.

If no start signal is given by the latest start time set, the washer-dryer will start automatically.

Remote control is switched off by default.

## SmartGrid

The SmartGrid setting (available depending on country) is only visible when the Wi-Fi module is fitted and signed on.

This function can be used for starting your washer-dryer automatically at a time when energy costs are more economical.

Activating SmartGrid gives the *Delay start* sensor a new function.

Set the SmartStart using the Delay Start sensor (see “Delay Start/SmartStart”). The washer-dryer will then start within the timeframe specified when it receives a signal from the energy supplier. If it has not received a signal from the energy supplier by the latest start time set, the washer-dryer will start automatically.

The *SmartGrid* function is switched off in the default setting.

## SmartStart

If you have activated the SmartGrid function in Settings, instead of Start in, SmartStart will appear in the display when you press the Delay start button.

You can define a time period (from 15 minutes to 24 hours), in which the wash programme must be started. The procedure for setting this is the same as for setting the time for Delay start.

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

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

### Detergent

#### UltraPhase 1 and UltraPhase 2

- Liquid detergent and detergent enhancer dispensed as two components
- Suitable for white and coloured laundry
- No need to refill as the components for the TwinDos system are supplied in single use cartridges

#### UltraWhite

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


#### UltraColor

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

#### Sensitive Skin powder

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

### Specialist detergents

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

#### Sportswear

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

## Optional accessories

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### Down Items

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

### WoolCare

- Liquid detergent for woollens and delicates
- Includes a special wheat protein conditioning formula
- Helps prevent pilling
- Gentle on colours
- Cleans at temperatures as low as 20°C, helps retain the shape of delicate items and protect colours

### SilkCare

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

### Fabric care

#### Fabric Softener

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

### Additives

#### Booster

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

### Machine care products

#### Dishwasher and Washing Machine Cleaner

- For cleaning the machine thoroughly and effectively
- Removes grease, bacteria and unpleasant odours

#### Descaler for washing machines

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







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