

## Operating and installation instructions for washer-extractor PW 5082

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

en - GB

M.-Nr. 07 955 032

# Caring for the environment

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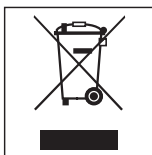
## Disposal of the packing material

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

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

## Disposing of your old machine

Electrical and electronic machines often contain valuable materials. They also contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your machine. Please do not therefore dispose of it with your general waste.



Please dispose of it at your local community waste collection/recycling centre or contact your dealer for advice. Ensure that it presents no danger to children while being stored for disposal.

## Energy saving tips

### Energy and water consumption

- Water consumption and energy usage are determined by the size of the load.  
To make the most out of your machine load the maximum dry load for the programme you are using.

### Detergent

- Do not exceed the amounts of detergent recommended by the manufacturer on the packaging.
- Reduce the amount of detergent for smaller loads.

### When drying with a tumble dryer



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

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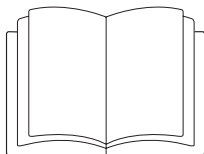
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# Warning and Safety instructions

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

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

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

Keep these instructions in a safe place and ensure that they are made available to new users. They must be made aware of these Warning and Safety instructions.

Pass these instructions on to any future users/owners of the machine.

## Correct application

► Only use the machine to wash items which are specified by the manufacturer to be machine-washable on the wash-care label, and textiles composed of hand-washable wool or wool blend fabrics as well as satin, lace, silk and other hand-washable garments. Any other applications may be dangerous. The manufacturer cannot be held liable for damage resulting from incorrect or improper use or operation of the machine.

## Warning and Safety instructions

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- ▶ This machine must be used as described in these instructions and must be checked on a regular basis to make sure it is functioning correctly. Maintenance must be carried out when necessary.
- ▶ The machine is not intended for outdoor use.
- ▶ The machine can only be used by people with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, if they are supervised whilst using it or have been shown how to use it in a safe way and recognise and understand the consequences of incorrect operation.
- ▶ Children under 8 years of age must be kept away from the machine unless they are constantly supervised.
- ▶ Children 8 years and older may only use the machine unsupervised if they have been shown how to use it in a safe way and recognise and understand the consequences of incorrect operation.
- ▶ Children must not be allowed to clean or maintain the machine unsupervised.
- ▶ Please supervise children in the vicinity of the washing machine and do not let them play with it.
- ▶ If the washer-extractor is used in a publically accessible room, it is the supervisor's responsibility to ensure that suitable measures are in place which enable operators to use it safely.
- ▶ It is the supervisor's responsibility to ensure that the standard of disinfection in thermal as well as chemo thermal procedures is maintained (in accordance with local and national health and safety regulations) by carrying out suitable validation tests. Disinfection programmes must not be interrupted, as this can have a limiting effect on the disinfection result.

# Warning and Safety instructions

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## Technical safety

► Before setting up the machine, check it for any externally visible damage.

Do not install or use a damaged machine.

► The electrical safety of this machine can only be guaranteed when correctly earthed. It is essential that this standard safety requirement is met. If in any doubt please have the electrical installation tested by a qualified electrician. The manufacturer 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 undertaken by a Miele approved service technician. If this is not done, any resultant damage will not be covered by the guarantee.

Ensure current is not supplied to the machine until after maintenance or repair work has been carried out.

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

► The machine must be isolated from the electricity supply in the event of a fault and during installation, maintenance and repair work. See also "Electrical connection".

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



## Warning and Safety instructions

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- ▶ Faulty components must only be replaced by genuine Miele original spare parts. Only when these parts are fitted can Miele guarantee the safety standards of the machine.
- ▶ **Do not** use force to open the washer-extractor drum door. The door handle is fitted with a safety device to ensure that the door lock functions correctly.
- ▶ If this machine is being used in a commercial environment please ensure that all relevant health and safety regulations are observed.
- ▶ This machine must not be used in a non-stationary location (e.g. on a ship).

# Warning and Safety instructions

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## Correct use

► Do not install your machine in rooms where temperatures below freezing may occur. Frozen hoses may burst or split. The reliability of the electronic control unit may be impaired at temperatures below freezing point.

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

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

► Flooding danger.

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

► Take care to ensure that foreign objects (e.g. nails, pins, coins, paper clips) do not find their way into the machine with the laundry. Shake out wash cloths before placing them in the machine to ensure that any coarse or harmful residues are removed. These may damage components of the machine (e.g. suds container, drum), which in turn can result in damage to the laundry.

► If the correct amount of detergent is dispensed, the machine should not need to be descaled. If, however, you do wish to descale the machine only use proprietary non-corrosive descaling agents and strictly observe the instructions on the packaging. A special descaling agent is available to order from the Miele Spare Parts Department or your Miele dealer.

## Warning and Safety instructions

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- ▶ Textiles which have been pre-treated in solvent based cleaning agents must be thoroughly rinsed in clean water before being washed in the machine.
- ▶ Never use solvent based cleaning agents, e.g. those containing benzene in this machine, as this may result in damage to component parts and create toxic fumes. Such agents also pose a fire and explosion hazard.
- ▶ Benzene, petrol, paraffin, or any easily flammable liquid must not be stored or used near the machine. Danger of fire and explosion.
- ▶ Only use dyes specified by the manufacturer as being suitable for use in a washing machine. Always observe the manufacturer's instructions carefully.
- ▶ Colour run and dye removers contain sulphur compounds which can cause damage such as corrosion. Do not use these products in this machine.
- ▶ Avoid contact of stainless steel surfaces (front, lid, casing) with liquid cleaning and disinfecting agents which contain chlorine or sodium hypochlorite. These agents can have a corrosive effect on stainless steel.  
Aggressive vapours containing chlorine bleach can also be corrosive. Do not store open containers of these agents near the appliance.
- ▶ Do not use a high pressure cleaner or hose to clean the machine.
- ▶ It is particularly important to observe manufacturer's instructions when using a combination of cleaning agents and special application products. Products must only be used for applications approved by the manufacturer to avoid any material damage or the occurrence of strong chemical reactions.

## **Warning and Safety instructions**

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### **Chlorine and component damage**

#### **Notes on using chlorine bleach and perchlorethylene**

► Frequent use of chlorine increases the risk of component damage.

The use of agents containing chlorine, such as sodium hypochlorite and chlorine bleach in powder form, can damage the protective upper surface of stainless steel and cause corrosion to components. Factors affecting this are chlorine concentration levels, contact time and temperature. It is therefore advisable to avoid the use of such agents. Oxygen based bleaching agents should be used instead.

If, however, chlorine based bleaching agents have to be used for particular types of soiling, then anti-chlorine measures must also be carried out. If this is not done irreparable damage can occur to components in the machine and to laundry.

#### **Anti-chlorine treatment**

Anti-chlorine treatment has to be carried out immediately after chlorine bleach has been used. The use of hydrogen peroxide or an oxygen based cleaning or bleaching agent is recommended and the laundry should not be drained in between.

With thiosulphate, especially when used with hard water, gypsum can form, which can lead to incrustations on laundry or deposits in the machine. The use of hydrogen peroxide is preferable as it aids the chlorine neutralising process.

The exact quantity of additives and the treatment temperatures required must be set and tested on site in accordance with the dosage recommendations of the detergent and additive manufacturers. The laundry must also be tested to check whether it contains any active chlorine residues.

## Accessories

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

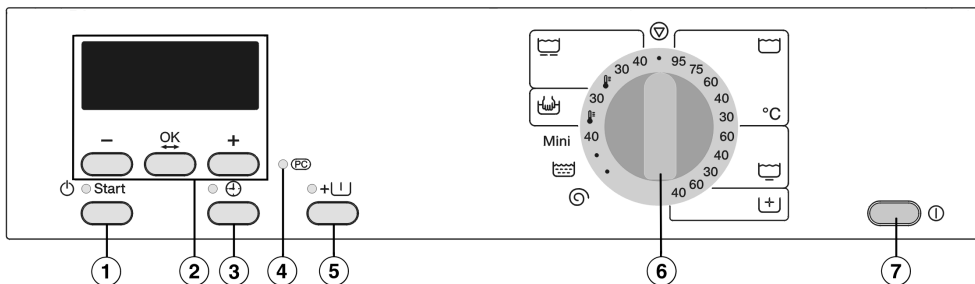
## Disposing of your old machine

► Before disposing of an old machine it is important to disable the door lock. This way you will prevent children from accidentally locking themselves in and endangering their lives.

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

# Operating the washer-extractor

## Control panel



### ① **Start button**

Starts the selected programme.

### ② **Display with -, OK and + buttons**

See the following page for more information.

### ③ **⏸ button**

For selecting delay start.

### ④ **PC / Optical interface**

This is used by service technicians to run diagnostic checks on your machine and can also be used to update programming data in the future.

### ⑤ **Pre-wash button +□ with indicator light**

### ⑥ **Programme selector**

For selecting a programme. The programme selector can be turned clockwise or anti-clockwise.

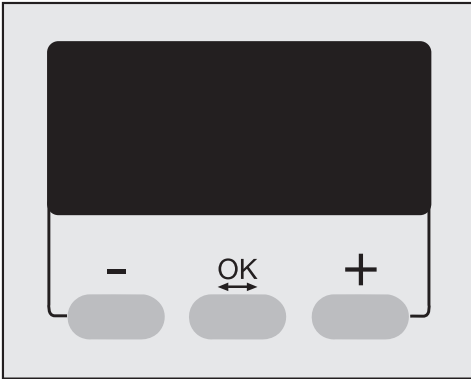
### ⑦ **On-Off button ①**

## Before using for the first time

Before using the machine for the first time ensure that it is correctly installed and connected. See "Installation and connection". Also check that the drain filter is securely tightened to prevent the risk of leaks during use.

Commission the machine as described in the separate booklet "Commissioning, Programme chart and Settings" supplied with the machine.

## Display



### - / + buttons

For altering the values highlighted in the display:

- decreases the value or moves the highlighting upwards
- + increases the value or moves the highlighting downwards.


### OK button

For confirming the value selected and choosing the next level.

The following are selected via the display:

- final spin speed
- delay start

The display also shows the duration of the programmes and the current time of day.

The *Settings*  menu is also operated via the display.

## Before using for the first time

Before using the machine for the first time ensure that it is correctly installed and connected. See "Installation and connection". Also check that the drain filter is securely tightened to prevent the risk of leaks during use.

For safety reasons, spinning is not possible until the machine has been prepared for using for the first time. To activate the spinning function you must run a wash programme without laundry.

- Switch the machine on with the ① button.

If the machine is being switched on for the first time, the welcome screen will appear.

The welcome screen will not appear again after the first programme has been completed.

The display for setting the language will then appear.

- Use the - and + buttons to select the language you want and confirm your selection by pressing the **OK** button.

### Reminder to remove transport bars

To avoid the risk of damage, the transport bars must be removed before the machine is used for the first time. See "Installation and connection" for instructions on how to do this.

- After removing the transport bars (if this has not already been done by your fitter) press the **OK** button.

The display for setting the time will then appear.

### Setting the time of day



- Set the hour with the - and + buttons, and confirm your setting by pressing the **OK** button. Then do the same to set the minutes. After you have confirmed the minute setting, the main menu will appear in the display.

### Running your first programme

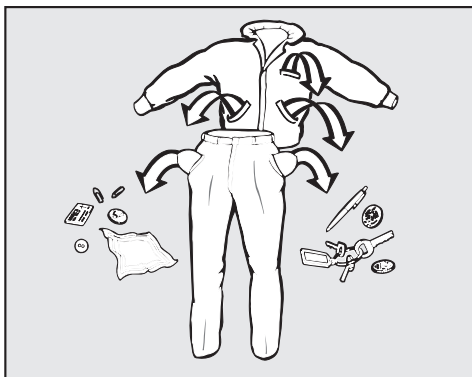
Your machine is now ready for the first programme to be run.

- Open the stopcocks.
- Turn the programme selector to the *Cottons 60°C* position.
- Press the *Start* button.

When the programme has finished, your machine is ready to use for the first time.



## 1. Sort the laundry



- Empty all pockets.

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

### Removing marks

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

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

⚠ Do not use solvent-based cleaning agents in this machine.

### Sorting laundry

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

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

### General tips

- Curtains: Remove lead weights first or place in a laundry bag.
- Underwiring and collar stiffeners: Any loose wiring in bras, shirt collar stiffeners, etc. should be removed or sewn in.
- Knitted garments, trousers and jeans, T-shirts and sweat shirts: Turn inside out, if recommended by the manufacturer.
- Close any zips, fasten hooks and eyes etc before washing.
- Fasten duvet covers, pillow cases etc. to prevent small items from being rolled up inside them.
- Further tips can be found under "Programme chart".

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

# Notes and tips on laundry care

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## 2. Load the drum


- Switch the machine on with the On/Off button ①.
- To open the drum door pull on the handle.

Do not use force as it is fitted with a safety device to prevent it being opened by mistake. Forcing the door handle can cause damage to the locking mechanism (see "Problem solving guide, The door will not open").

- 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 causes creases and reduces cleaning efficiency.

- Close the drum door. Press the door firmly to shut it and then lock the handle in position. Do not slam the drum door.

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

## 3. Select a programme

- Select the most appropriate programme for the load being washed.

# Garment care label symbols

## Washing

The figure quoted in the bucket is the maximum temperature the garment can be washed at. The number of bars under the symbol indicate 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

## Ironing

The number of dots indicates the ironing temperature



Hot iron (max sole plate temp. approx. 200°C)



Medium hot iron (max sole plate temp. approx. 150°C)



Cool iron (max sole plate temp. approx. 110°C). Do not steam iron garments carrying this symbol.



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

## Programme selection

Programme	Care label symbols
Cottons	
Minimum iron	
Delicates	
Woollens	
Quick wash	

## Drying

The number of dots indicates the drying temperature



Normal temperature



Low temperature



Do not tumble dry

## Bleaching



Any oxidising bleaching agent can be used




Only use an oxygen based bleach or a non-chlorine bleach



Do not bleach

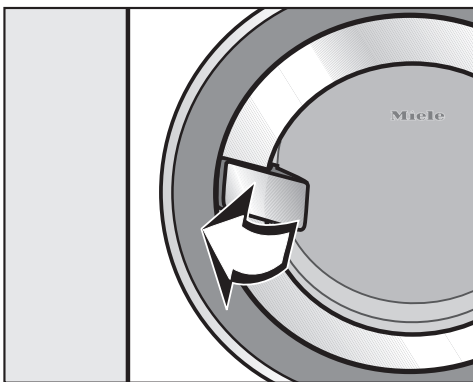
## Short instructions

 It is very important to read the "Notes and tips on laundry care" and "Garment care label symbols" sections before section before proceeding.

### 1 Sort the laundry

### 2 Load the drum

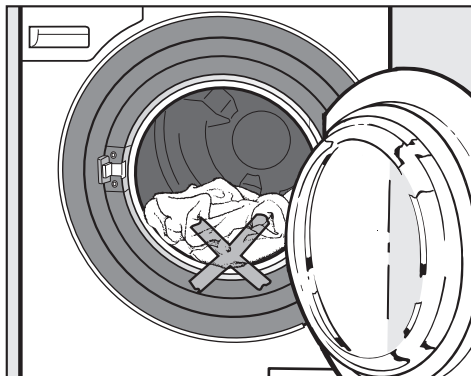
- Switch on the machine.




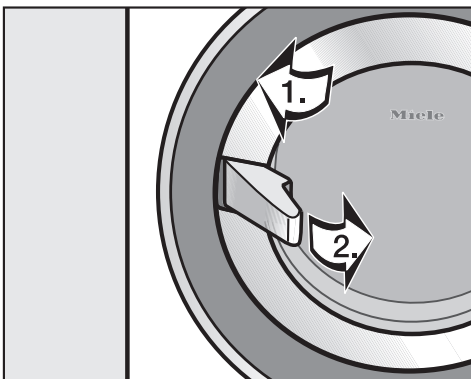
- Open the drum door with the handle.



- Unfold the laundry and load loosely into the drum.



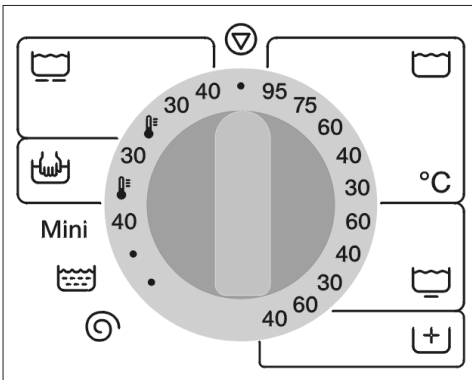
 Make sure that no items are caught between the door and the drum.



- Close the drum door.

1. Push the door shut.
- 2 Then lock the handle in position.

## 3 Select a programme



- Cottons hygiene, 75 + 95°C
- Cottons universal, 30 - 60°C
- Mini, 40°C
- Intensive wash, 40 + 60°C
- Delicates, cold + 30 + 40°C
- Woollens, cold + 30°C
- Mini* Quick wash, 40°C
- Separate rinse
- Drain/Spin
- Finish

- The wash programmes and temperatures are selected with the programme selector.

The programme selected will appear in the display.



The display will switch to show the menu for the programme selected.



- You can then alter the spin speed which is shown highlighted with the - or + button. Confirm by pressing the **OK** button.

### Pre-wash +

- Select the Pre-wash additional option for laundry with large amounts of dirt, e.g. dust, sand. Pre-wash is not available for using with every programme.

### Delay start

- Select Delay start, if required (see "Delay start").

### Payment system

If your machine is connected to a payment system, the amount of credit required will appear in the display.

If a programme is cancelled after it has started you can lose your credit (depending on how the machine was set up).

# Short instructions

## 4 Waschmittel zugeben

Beachten Sie den Verschmutzungsgrad der Wäsche und die Wasserhärte.

### Zu wenig Waschmittel bewirkt,

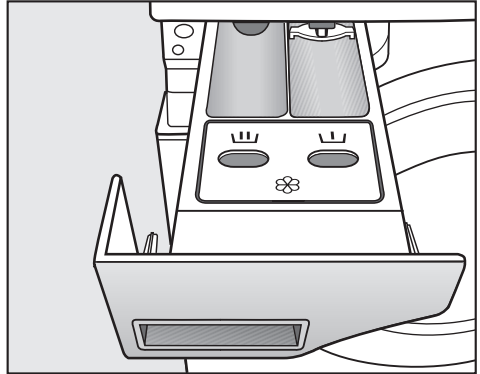
- dass das Waschgut oder die Wäsche nicht sauber und im Laufe der Zeit grau und hart wird.
- dass sich Fettläuse in der Wäsche bilden.
- dass sich Kalkablagerungen auf den Heizkörpern bilden.

### Zu viel Waschmittel bewirkt,

- dass sich zu viel Schaum bildet und dadurch eine geringe Waschmechanik und ein schlechtes Reinigungs-, Spül- und Schleudergebnis erreicht wird.
- eine höhere Umweltbelastung.

Weitere Informationen zu Waschmitteln und deren Dosierung erhalten Sie im Kapitel "Waschmittel".

Der Waschautomat ist für den Anschluss von externen Dosiersystemen zur Dosierung von flüssigen Wasch- und Zusatzmitteln vorgerüstet (siehe Kapitel "Waschmittel").



- Ziehen Sie den Waschmittel-Einspülkasten heraus und füllen Sie das Waschmittel in die Kammern.



= Waschmittel für die Vorwäsche



= Waschmittel für die Hauptwäsche



= Weichspüler, Formspüler, Flüssigstärke oder Imprägniermittel

- Schließen Sie den Waschmittel-Einspülkasten.

Der Waschmitteleinspülkasten darf während des Waschens nicht herausgezogen werden. Den Waschautomaten nur mit geschlossenem Waschmitteleinspülkasten betreiben.

## Payment system

If your machine is connected to a payment system, the amount of credit required will appear in the display.

Credit will be lost if, after the programme has started, the door is opened or the programme cancelled.

## 5 Start the programme

The *Start* button will flash as soon as a programme can be started.

- Press the *Start* button.

The *Start* button will now light up.

If delay start has not been selected, the estimated programme duration will appear in the display. This will count down in one minute steps. During the first 10 minutes the machine measures how much water is being absorbed by the laundry. The programme duration may be shorter depending on this absorbency rate.

The programme sequence is also shown in the display. The machine lets you know which section of the programme has been reached.

## 6 Unload the drum

The machine will switch off automatically 15 minutes after the end of the programme. You will need to press the *Start* button to switch it back on again.

- Open the drum door with the handle.
- Remove the laundry.

Check that all items have been removed from the drum. Items left in the drum could discolour other items in the next wash or become discoloured themselves.

- Turn the programme selector to Finish (⏻).
- Close the drum door. Otherwise there is the danger of objects being placed inadvertently in the drum. If these remained unnoticed and were washed in the next load, they could damage the laundry.
- Switch the machine off with the (⏻) button.

# Spinning

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## Maximum final spin speed

Programme	rpm
Cottons	1200
Minimum iron	1000
Intensive wash	1200
Delicates	600
Woollens	1000
Quick wash	1200
Separate rinse	1200
Drain/Spin	1200

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

## Rinse and interim spin

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



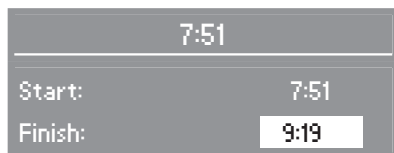
You cannot use the delay start function if your machine is fitted with a payment system.

With delay start you can choose when you want the programme to end. The start of a programme can be delayed from 30 minutes up to a maximum of 24 hours, allowing you to make use of night-time economy electricity rates, for example.

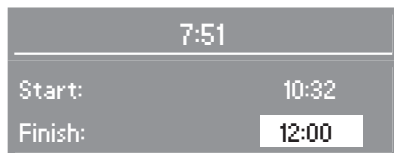
The current time of day needs to have been set for delay start to work correctly.

## To select delay start

- Select the programme you want and then press the **⊕** button.



The display shows the current time of day and the time the programme is due to end.



- Use the **+** button to select the time you want the programme to end at.

The first press on the button will adjust the programme end time to the next full or half hour. Each subsequent press on the button will delay the programme end time by 30 minutes.

Use the **-** button to shorten the time if you have chosen too long a time.

- Confirm the programme end time by pressing the **OK** button.

## To begin delay start

- Press the *Start* button.



The display will show when the programme will be started in hours and minutes.

## To alter delay start

- Press the **⊕** button.
- Use the **+** and **-** buttons to alter the time you want the programme to end at.
- Confirm by pressing the **OK** button.




## To cancel delay start

- Press the **⊕** button.
- Use the **-** button to bring the end time of the programme forward until it is the same as the current time of day.
- Confirm by pressing the **OK** button.

The programme will now start immediately.

The actual load size can only be determined accurately by the machine once the programme has started. The programme end time may, therefore, be a bit earlier than first indicated.





# Programme chart

 <b>Cottons</b> <b>30°C to 95°C</b> <b>Max. load 8.0 kg</b>	
Use for	Cotton and linen fabric, e.g. bed linen, table linen, towelling, jeans, underwear, T-shirts, nappies.
Notes	<ul style="list-style-type: none"> <li>– Only use Cottons 95°C for very heavily soiled laundry.</li> <li>– For dark coloured fabrics use a detergent for coloured fabrics, or liquid detergent.</li> </ul>
Detergent	Universal detergent or detergent for coloured fabrics
Extra options	Pre-wash
 <b>Minimum iron</b> <b>30°C to 60°C</b> <b>Max. load 4.0 kg</b>	
Use for	Garments made of synthetic fibre, mixed fibre and for easy care cotton shirts, blouses and table linens.
Detergent	Universal detergent and detergent for coloured fabrics
Extra options	Pre-wash
 <b>Intensive wash*</b> <b>40°C to 60°C</b> <b>Max. load 8.0 kg</b>	
Use for	Heavily soiled cotton, linen and mixed fibre fabrics.
Additional option	Pre-wash
Detergent	Universal detergent or detergent for coloured fabrics











**Note for test institutes: Standard programme in accordance with EN 60456**

\*To carry out a wash on the standard programme in accordance with EN 60456, the *Intensive wash* programme must be selected.

## Programme chart

 <b>Delicates</b>		<b>Cold to 40°C</b>	<b>Max. load 3.0 kg</b>
Use for	Delicate garments made of synthetic fibre, mixed fibre and easy care cotton shirts and blouses. Curtains, including net curtains, specified as machine-washable by the manufacturer.		
Notes	<ul style="list-style-type: none"><li>– Use the woollens programme for any textiles which contain wool.</li><li>– Dust in curtains usually makes using a programme with <i>Pre-wash</i> advisable.</li><li>– For curtains which crease easily, reduce the spin speed or deselect the spin.</li></ul>		
Detergent	Liquid detergent for delicates		
Extra options	Pre-wash		
 <b>Woollens</b>		<b>Cold to 30°C</b>	<b>Max. load 3.0 kg</b>
Use for	Machine-washable or hand-washable wool or wool blend fabric. If the care label does not specify a temperature wash using the cold setting.		
Detergent	Liquid detergent for machine-washable woollens		
<b>Mini Quick wash</b>		<b>40°C</b>	<b>Max. load 4.0 kg</b>
Use for	Very lightly soiled fabric which can be washed in a <i>Cottons</i> programme.		
Note	Use less detergent (as for a half load).		
Detergent	Universal detergent and detergent for coloured fabrics		
 <b>Extra rinse</b>		<b>Max. load 8.0 kg</b>	
Use for	Articles which have been washed by hand and only need to be rinsed and spun in the machine.		
 <b>Drain / Spin</b>		<b>Max. load 8.0 kg</b>	
Notes	Drain only: Select <i>Without spin</i> . For spinning fabrics. Please make sure you select the appropriate spin speed.		

# Programme sequence

	Main wash		Rinses		Spinning	
	Water level	Wash rhythm	Water level	Rinses	Interim spin	Final spin
Cottons		Ⓐ		2	✓	✓
Minimum iron		Ⓐ		2	✓	✓
Intensive wash		Ⓐ		2	✓	✓
Delicates		Ⓑ		2	–	✓
Woollens		Ⓒ		2	✓	✓
Quick wash		Ⓐ		2	✓	✓
Separate rinse	–	–		2	–	✓
<b>Symbols:</b> <div>  = Low water level            = Medium water level            = High water level         </div> <div>           Ⓐ = Normal wash rhythm           Ⓑ = Gentle action           Ⓒ = Woollens         </div>						

This machine 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. This means that programme cycles and durations can vary.

The programme sequences outlined in the chart are based on the basic programme with a full load. Extra options which can be selected have not been taken into account.

The display shows the stage the programme has reached.


# Changing the programme sequence

---

If your machine is fitted with a payment system, the programme will lock after 3 minutes and it is then no longer possible to cancel or alter it.

## Cancelling a programme


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

- Turn the programme selector to Finish .


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

- Open the drum door with the handle.
- Remove the laundry
- or
- Close the door and start a different programme.

## Interrupting a programme

- Switch the machine off with the  button.

To continue with the same programme:

- Switch the machine back on again with the  button.
- Confirm the message shown in the display, and then press the *Start* button.

## Changing a programme

After the start of a programme it is not possible to select a different programme.

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

## Spin speed

- Press the **OK** button repeatedly until the spin speed is highlighted. You can use the **–** and **+** buttons to change the spin speed up until the final spin begins.

It is not possible to select or de-select *Pre-wash*

# Detergent

## Detergent dispensing

Please follow the detergent manufacturer's instructions.

Instructions for use and recommended amounts for a full load are given on the detergent packaging.

**The right amount to dispense will depend on the following:**

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

The water hardness level


Hardness-range	mmol/l	gr/gal
I (soft)	0 - 1.5	0 - 8.4
II (medium)	1.5 - 2.5	8.4 - 14
III (hard)	Above 2.5	Above 14

## Water softeners

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

Use a quantity of detergent as for soft water.

## Washing with several components

If you wash using several components (e.g. special application detergents), we recommend always dispensing the agents into compartment  in the following order:

1. Detergent
2. Water softeners
3. Stain remover

This way the agents are distributed more evenly.

## Colour run and dye removers/dyes

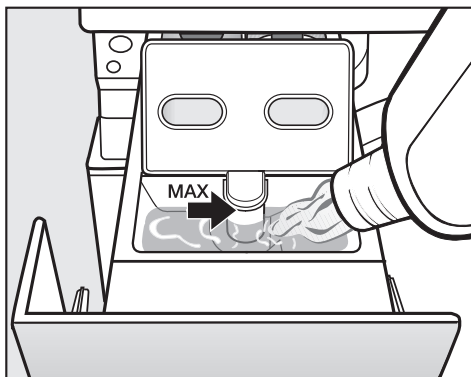
- Do not use colour run or dye removers in this machine.

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

## Fabric conditioners and liquid starch

- Dispense according to the amount specified on the packaging.

### Automatic dispensing of fabric conditioner or liquid starch to laundry at the end of a programme



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

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

If starching frequently, thoroughly clean the dispenser compartment, especially the siphon tube and fabric conditioner channel, regularly. See "Cleaning the detergent dispenser drawer". Do not use powder starch formulations or viscous liquid starch in the ☼ compartment as it will clog up.

## Adding fabric conditioner or liquid starch separately


- Add fabric conditioner or liquid starch to compartment ☼.
- Select the Extra rinse ☼ programme.
- Press the *Start* button.

# Relay control for external dispensing system


The washer-extractor is fitted with an adapter for an external dispensing system. The external pumps are controlled by relays in the washer-extractor. The dispensing containers must be filled with the correct detergent or additive in the order specified.

	Pre-wash	Main wash 1st Signal	Main wash 2nd Signal	Finishing
Basic programmes				
Cottons	R 1	R 2	R 5	R 4
Minimum iron	R 1	R 2	-	R 4
Delicates	R 3	R 3	-	R 4
Woollens	-	R 3	-	R 4
Quick wash	-	R 2	-	R 4
Intensive wash	-	R 2	-	R 4
<p>R 1 = Relay 1 = Pre-wash R 2 = Relay 2 = Main wash R 3 = Relay 3 = Delicates / WetCare R 4 = Relay 4 = Fabric softener/ WetCare or surface disinfectant* R 5 = Relay 5 = Disinfecting agent or floor cleaning agent* R 6 = Relay 6 = Proofing agent * When selecting the target group <i>Buildings maintenance</i>. ** Dispense when temperature is reached.</p>				




 Disconnect the machine from the mains electricity supply.

## Cleaning the machine

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

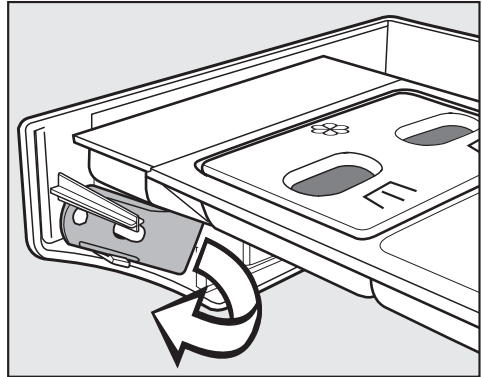
### Casing and control panel

- Clean the casing and control panel with a mild non-abrasive detergent or soap and water. Wipe dry with a soft cloth.
- Stainless steel areas can be cleaned using a suitable proprietary stainless-steel cleaning agent following the manufacturer's instructions on the packaging.

 The machine must not be hosed down.

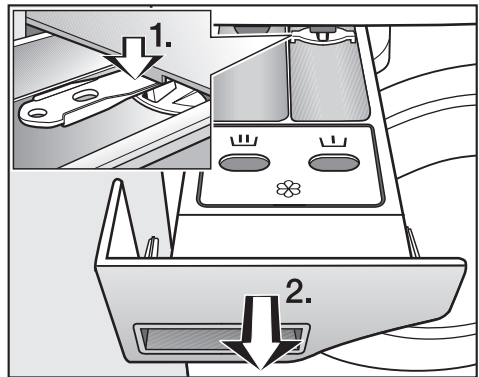
### Cleaning the detergent dispenser drawer

Remove detergent residues regularly.



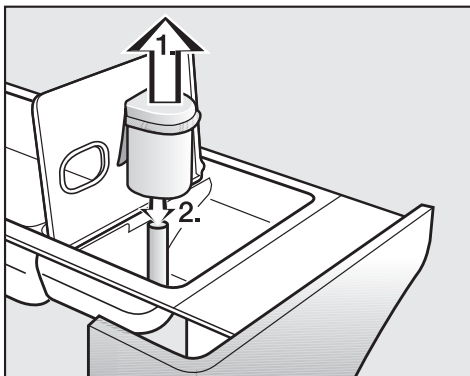
There is a yellow lever behind the detergent drawer fascia panel.

- Remove the lever.




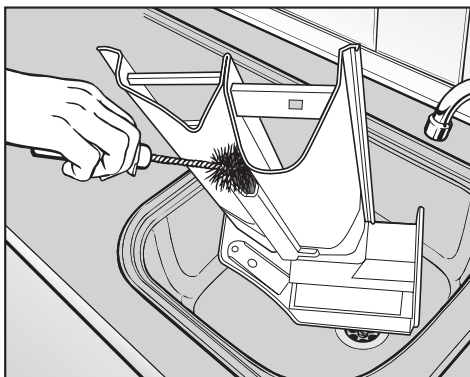
- Pull the detergent drawer out as far it will go.
- 1. Then press the safety catch down using the lever as illustrated.
- 2. Then pull the detergent drawer out.
- Clean the drawer with warm water.

## Cleaning and care



### ■ Clean the siphon.

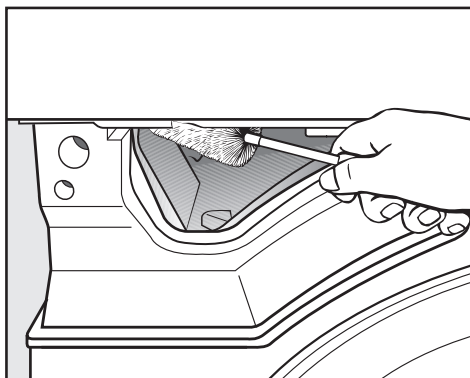
1. Remove the siphon from compartment  and rinse under warm running water. Clean the siphon tube in the same way.
2. Replace the siphon.



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

If starching frequently, thoroughly clean the siphon, the siphon tube and the fabric conditioner channel regularly. A build-up of liquid starch will cause them to get clogged.

### Cleaning the detergent dispenser drawer housing



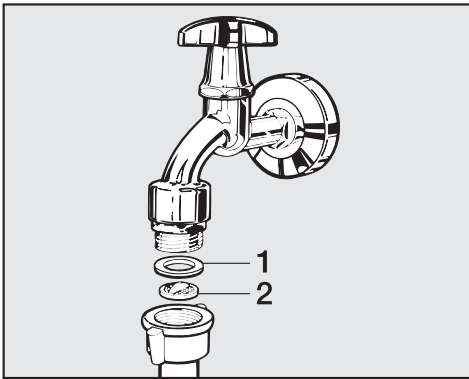
- Use a bottle brush to remove detergent residues and limescale from the jets inside the detergent dispenser drawer housing.

## Cleaning the water inlet filters

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

### To clean the filter in the inlet hose:

- First turn off the stopcock.
- Unscrew the threaded union connecting the free end of the inlet hose to the stopcock.

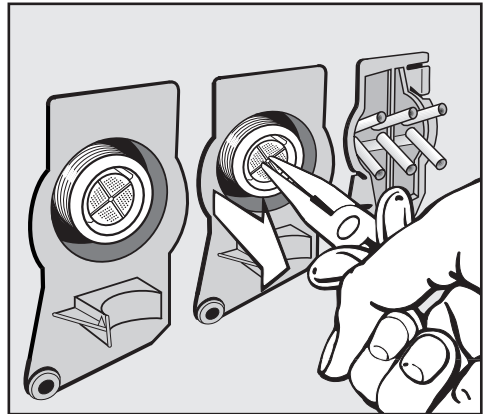


- Remove the rubber seal **1** from the recess.
- Using pointed pliers, take hold of the plastic filter bar **2** and remove.
- Clean the plastic filter.
- Put the filter and seal back in the reverse order and reconnect the hose.

Turn on the stopcock and check the connection is watertight. If water drips out, tighten the connection.

### To clean the filter in the water inlet valve:

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




- Use pointed nose pliers to withdraw the plastic filter by the bar (see illustration). Clean, put back and secure.




The two filters **must** be replaced after cleaning.

# Problem solving guide

With the help of the following notes, minor faults in the performance of this machine, some of which may result from incorrect operation, can be put right without contacting the Service Department.



 Repair work to electrical appliances should only be carried out by a suitably qualified person in strict accordance with current local and national safety regulations. Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.


The programme does not start		
Problem	Possible cause	Remedy
The display remains dark and the programme selector is not lit up.	There is no power to the machine.	Check whether <ul style="list-style-type: none"><li>– the machine is switched on.</li><li>– the electricity supply to the machine is switched on.</li><li>– the fuse or circuit breaker has tripped.</li></ul>
The programme does not start when Drain/Spin has been selected.	The machine has not been prepared for using for the first time.	Prepare the machine as described in <i>Before using for the first time</i> .
The display is dark.	The display has switched off automatically to save energy (Standby mode).	Press a button. The machine will come out of standby mode.

A fault message appears in the display		
Message in the display	Possible cause	Remedy ❶
 <b>Drain fault</b>	– The water outlet is blocked or restricted.	Clean the drain filter and the drain pump.
	– The drain hose has been fixed too high.	The maximum delivery head is 1 m.
 <b>Water intake fault</b>	The water inlet is blocked or restricted.	Check whether <ul style="list-style-type: none"> <li>– the stopcock is opened properly.</li> <li>– the inlet hose is kinked.</li> </ul>
	The <i>hot</i> option has been selected for the <i>Pre-wash water</i> , <i>Main wash water</i> or <i>Rinse water</i> setting.	Select the <i>Cold</i> water option for these settings, see "Settings/Supervisor level menu".
 <b>Technical Fault</b>	There is a fault.	Start the programme again. If the fault message appears again, contact the Service Department.

❶ To switch off the fault message, press the *OK button*.

# Problem solving guide

General problems		
Problem	Possible cause	Remedy
<b>The machine shakes during the spin cycle.</b>	The machine feet are not level.	Level the machine (see "Installation and connection").
<b>The pump makes strange noises.</b>	This is not a fault. These noises occur at the end of a pump sequence as a normal part of the operation.	
<b>Large amounts of detergent residue remain in the detergent dispenser drawer.</b>	The water pressure is too low.	– Clean the filters in the water inlet.
	Powder detergent used in conjunction with water softeners tends to become sticky.	In future, add washing powder into the dispenser drawer first, and then add the water softener.
<b>Fabric conditioner is not completely dispensed or too much water remains in the compartment.</b>	The siphon tube is not correctly positioned or is clogged up.	Clean the siphon (see "Cleaning and care - Cleaning the detergent dispenser drawer").
<b>The display is in a different language.</b>	A different language has been selected in "Settings  "Language  .	Set the language you want. The flag symbol will guide you.

An unsatisfactory wash result		
Problem	Possible cause	Remedy
<b>Liquid detergent does not give the required result.</b>	Liquid detergents usually contain no bleaching agents. They do not remove fruit, coffee and tea stains.	<ul style="list-style-type: none"> <li>– Use a general purpose detergent containing a bleaching agent.</li> <li>– Pour stain removers into compartment  of the dispenser drawer and liquid detergent into a dispenser ball.</li> <li>– Never put stain removers and liquid detergent together in the dispenser drawer.</li> </ul>
<b>Grey, greasy particles cling to washed laundry.</b>	Insufficient amounts of detergent were used to break down the particles of grease in heavily soiled laundry.	<ul style="list-style-type: none"> <li>– Use more detergent.</li> <li>– Before washing the next load run a 60°C programme with powder detergent but without a load.</li> </ul>
<b>White residues which look like powder detergent are seen on dark textiles after washing.</b>	The detergent contained compounds (zeolites) to aid water softening which are not soluble in water. They have ended up on the laundry.	<ul style="list-style-type: none"> <li>– Try and brush off the residues with a soft brush once the laundry is dry.</li> <li>– Wash dark textiles using a detergent which contains no zeolites. Liquid detergents usually contain no zeolites.</li> </ul>
<b>Textiles have particularly greasy soiling.</b>	<ul style="list-style-type: none"> <li>– Select a programme with pre-wash. Use a liquid detergent for the pre-wash and a powder detergent for the main wash.</li> </ul> <p>The use of heavy-duty detergent is recommended in the main wash for very heavily soiled work clothing. Consult detergent producers for advice.</p>	

## Problem solving guide

### The door will not open

Possible cause	Remedy
<b>The door is locked after a programme has been cancelled.</b>	For safety reasons the drum door cannot be opened if the suds temperature is higher than 50°C. Wait until the machine has cooled down.
<b>The door will not open at the end of a wash programme.</b>	Press against the door handle, switch the machine off and then back on again. Then pull on the door handle again.
<b>There is still water in the drum and the machine is unable to drain.</b>	The drainage system may be blocked. Clean the drainage system as described in the next section.
<b>The door handle safety device has disengaged.</b>	The door handle has a safety device to prevent damage to the lock. Press firmly against the door handle until you clearly hear the safety device engage.


### To continue a programme after a power cut

Possible cause	Remedy
<b>Power cut.</b>	Confirm the message shown in the display by pressing the <i>OK</i> button and then press the <i>Start</i> button. The programme will then continue with the next programme stage.
<b>Switch the machine off and then back on again with the <i>On/Off</i> button.</b>	



### Service interval

If after switching the machine the following message appears in the display the machine will need to be serviced by the Miele Service Department.

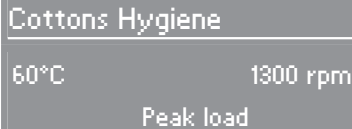
A rectangular display screen with a dark background and white text. The text is centered and reads: "Service interval 1", "Call the Miele Service", and "Department." on three lines.

Service interval 1  
Call the Miele Service  
Department.

Wait approx. 5 seconds to return to the main menu.

### Peak load cut-out

If the peak-load cut out function is activated the heating will switch itself off and any programme running will be stopped. The following message will appear in the display:

A rectangular display screen with a dark background and white text. The text is arranged in three lines: "Cottons Hygiene" at the top, "60°C" and "1300 rpm" in the middle, and "Peak load" at the bottom.

Cottons Hygiene  
60°C 1300 rpm  
Peak load

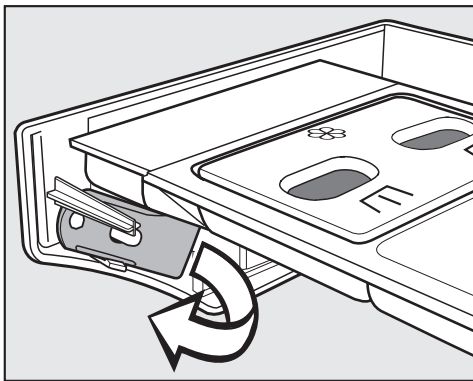
Once the peak load has finished the programme will continue automatically as before.

## Problem solving guide

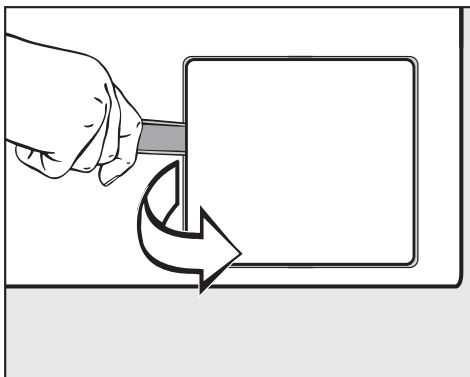
### Opening the drum door in the event of a blocked drain outlet and/or power failure

⚠ Disconnect the machine from the mains electricity supply.

There is a lever behind the detergent drawer fascia panel which opens the access flap to the drain system.



- Remove the lever.



- Use it to open the access flap.

### Drain the machine.

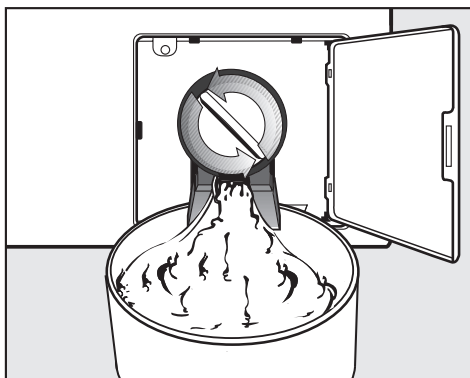
If the drain outlet is clogged, a large amount of water will be retained in the machine (**up to 35 litres**).

⚠ Caution: if laundry has been washed at a high temperature, water draining out of the machine will still be hot. Danger of scalding.

### ... Machines with a drain filter

- Place a suitable container under the access flap.

When draining water from the machine, do **not** unscrew the drain filter completely or take it right out.

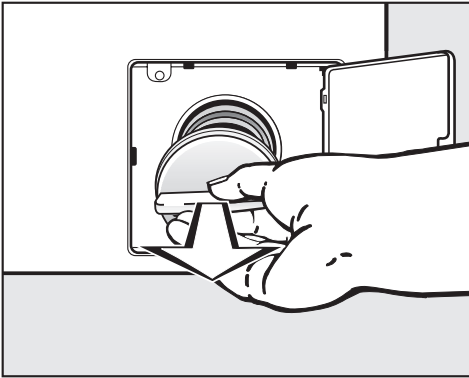


- Slowly and carefully unscrew the drain filter to let the water out.

If you need to interrupt the flow of water:

- Tighten the drain filter back up again.

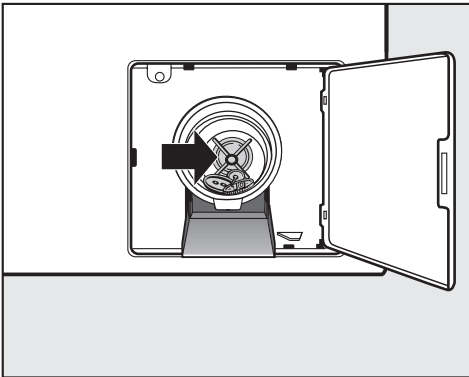
Once the flow of water ceases:




- Remove the drain filter completely.

### Cleaning the drainage system

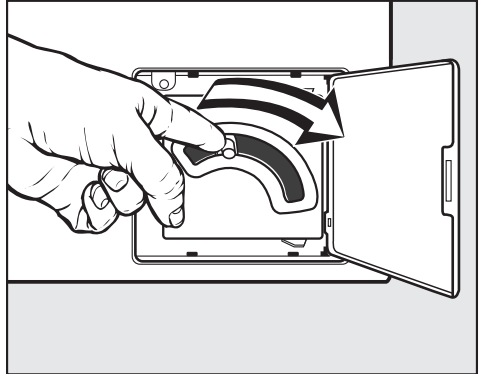
- Clean the drain filter thoroughly.



- Remove any foreign objects (e.g. buttons, coins, etc.) and fluff from the filter housing. Turn the impeller by hand to check that it rotates freely.
- Put the drain filter back in place and secure it.

 Make sure the drain filter is securely tightened. Otherwise there is a risk of water leakage during use.

### ... Machines with a dump valve




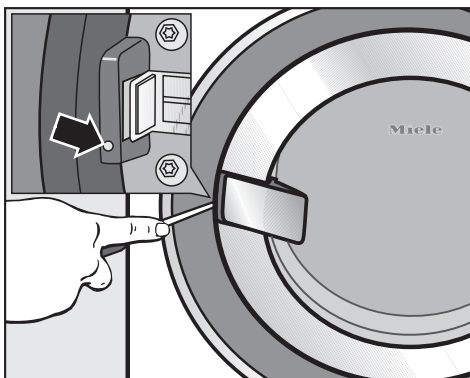
- Push the emergency drain lever downwards (see illustration) and hold until no more water runs out.

# Problem solving guide

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## Opening the drum door

 Always make sure that the drum is stationary before reaching into the machine to remove laundry. Reaching into a moving drum is extremely dangerous.



- Insert a suitable screwdriver (approx. 4 mm blade) into the opening next to the door lock and use it to release the catch. Turning it slightly in an anti-clockwise direction should release the door.
- Open the door with the handle.

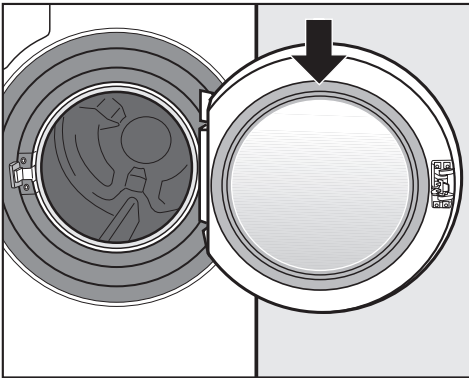
 Do not use force to open it.

### Repairs

In the event of any faults which you cannot remedy yourself, or if the machine is under guarantee, please contact:

- Your Miele dealer, or
- the Miele Service Department (see back cover for contact details).

When contacting your Dealer or the Service Department, please quote the model and serial number of your machine, both of which are shown on the data plate visible above the porthole glass when the drum door is open.



A charge will be made for service call-outs where the problem could have been resolved as described in these instructions.

### PC / Optical interface

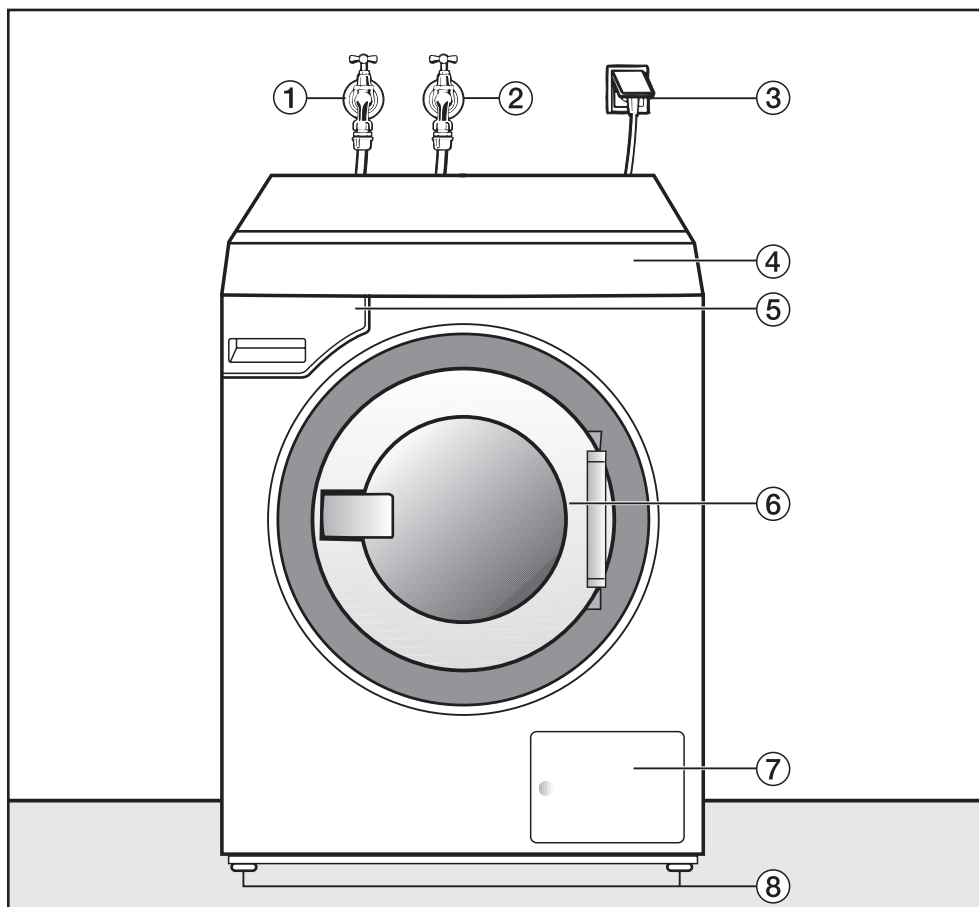
The indicator or check light marked **PC** on the fascia panel is the interface used by Miele service technicians during servicing work for testing purposes and for updating the machine's programme data.

### Optional accessories

Optional accessories for this machine are available from your Miele Dealer or from the Miele Spare Parts Department.

# Installation

## Front view



① Inlet hose (cold water)

② Inlet hose (hot water)

③ Mains connection cable

④ Control panel

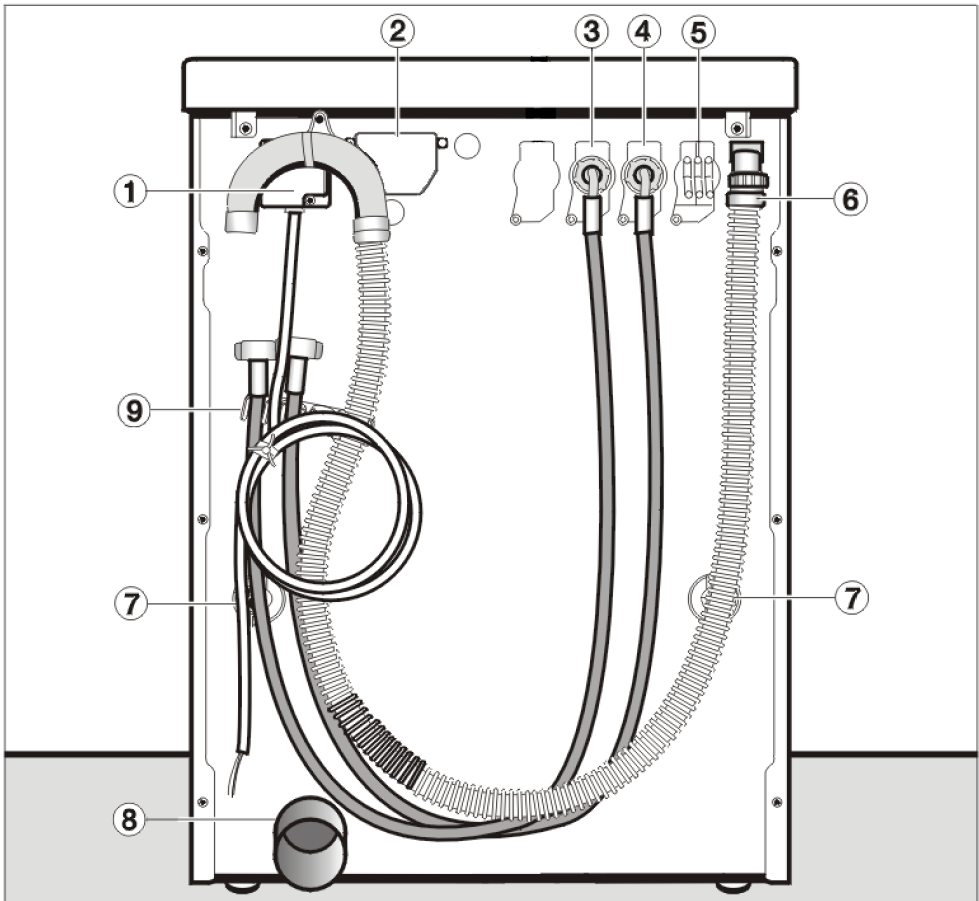
⑤ Detergent dispenser drawer

⑥ Door with handle

⑦ Access to drain filter, drain pump or  
dump valve

⑧ Height adjustable feet

## Rear view

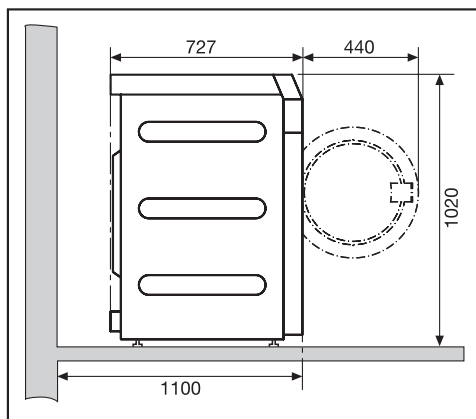


- ① Mains connection cable
- ② Cover to communication module shaft\*
- ③ Inlet hose (hot water)
- ④ Inlet hose (cold water)
- ⑤ Adapter for external dispensing system
- ⑥ Drain hose (for machines with drain pump)
- ⑦ Transit bars
- ⑧ Drain pipe for machines with dump valve
- ⑨ Restraining clip for inlet hoses and drain hose

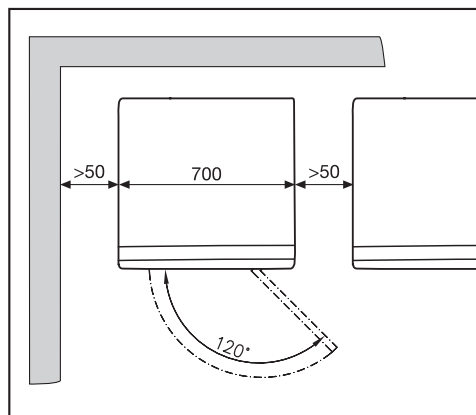
(\* optional accessory)

# Installation

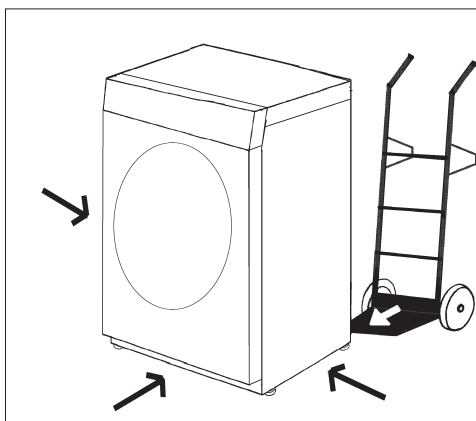
## Side view



## Bird's eye view



## Installing the machine



- Transport the machine to its installation site.

⚠ Ensure the machine is stable during transportation.

⚠ **Do not** lift the machine by the drum door.

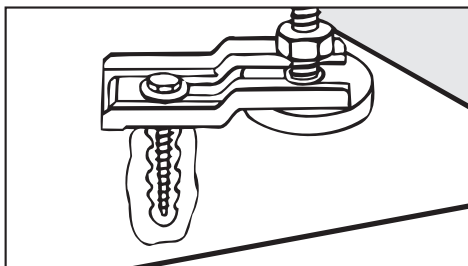
⚠ This machine is not suitable for building under a worktop.



## Installation on a raised plinth

The machine can be installed on a steel plinth base (available open or closed) or on a concrete plinth.

⚠ If the machine is installed on an on-site concrete or brick plinth, it **must** be secured using the clamps supplied with the machine. Otherwise there is the danger of the machine moving and falling off the plinth during spinning.



- Secure the front feet of the machine with the clamps supplied.
- Follow the fitting instructions supplied.

## Payment system

This machine can be fitted with a payment system.\*


The payment system can be set up by the Miele technician or authorised dealer when the machine is commissioned.


Coins / tokens must be removed from the payment system regularly, otherwise it will become blocked.

\* These can be obtained from the Miele Spare Parts department.

# Installation

## Installation surface

 Do not install the machine near or directly above an open gully or floor drain. Moisture from these can penetrate the machine and damage the electric components.

 Ensure that the machine feet and the floor are dry to prevent the machine from slipping during the spin cycle.

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

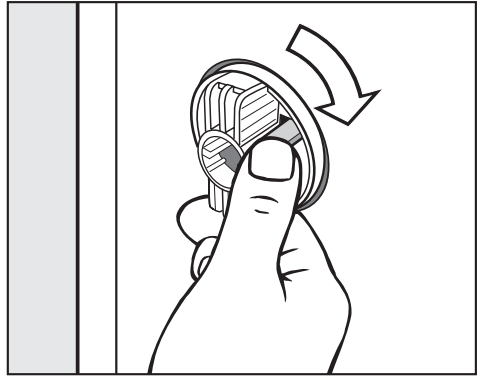
- The machine must be level and securely positioned.
- To avoid vibrations during spinning, the machine should not be installed on soft floor coverings.

If installing on a wooden joist floor:

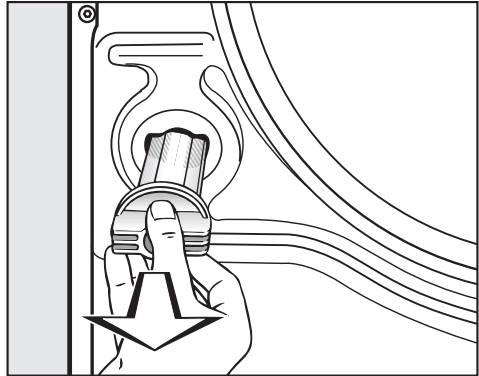
- We recommend a plywood base (at least 69 x 77 x 3 cm). The base should span several joists and be bolted to the joists and not only to the floorboards. Check for the presence of pipes and cables first.

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

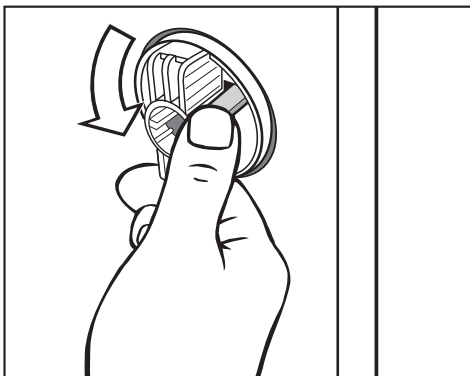
## Removing the transit bars



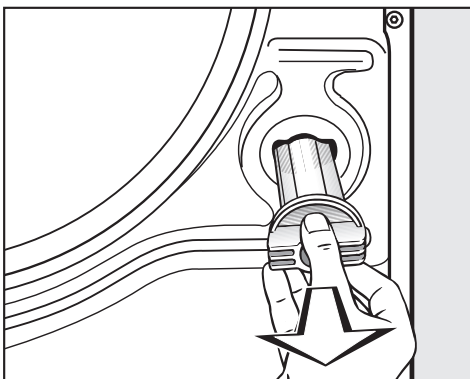
- Release the catch and turn the left hand transit bar clockwise by 90°.



- Then withdraw the transit bar.

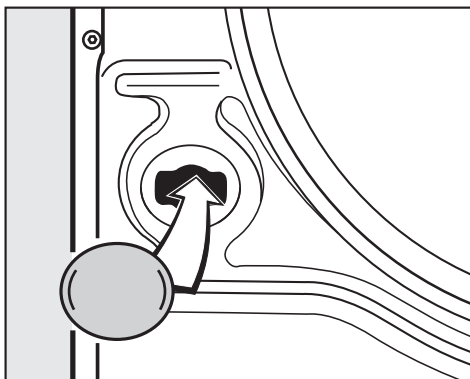


- Release the catch and turn the right hand transit bar anti-clockwise by 90°.



- Then withdraw the transit bar.

⚠ To avoid the risk of injury the holes for the transit bars must be covered after they have been removed. If they are not covered there is a risk of injury.



- Plug the holes with the plastic caps supplied.

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

⚠ When moving the machine make sure it is stable.


## Re-fitting the transit bars

Re-fitting is carried out by reversing the procedure.

# Installation

## Levelling the machine

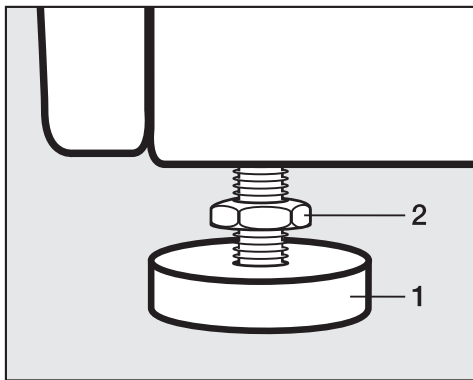
Ensure that the machine feet and the floor are dry to prevent the machine from slipping during the spin cycle.

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

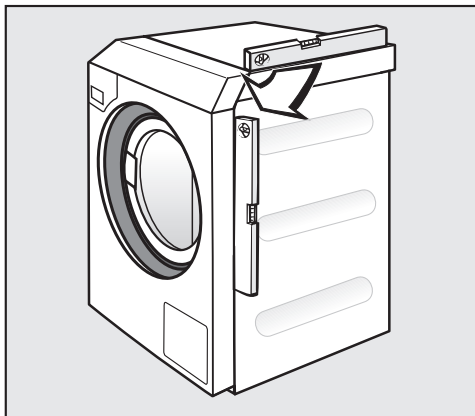
Incorrect installation may increase electricity and water consumption and may cause the machine to move about.

## Screwing out and adjusting the feet


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



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



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

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

## Plumbing

This machine is approved for all UK applications as suitable for category 5. The product is listed in the WRAS regulations advisory scheme directory and is suitable for direct connection to mains drinking water. No special plumbing arrangements e.g. break tanks are required.

Two Water Council approved double check valves are supplied in the accessories pack provided with this machine. They should be fitted in between the stopcocks and the water inlet hoses.

The machine is built in accordance with current DIN standards and must be connected to a mains water supply in accordance with local and national safety regulations. It can be connected without a non-return valve if national regulations permit

The machine is designed to operate with a flow pressure of between 1 and 10 bar (100 kPa and 1,000 kPa). At higher water pressures it is essential to fit a reducer valve.

Connection to the water supply should be carried out by a qualified plumber and should incorporate a stopcock with a 3/4" thread. The stopcock should be fitted by a qualified plumber.

The machine is supplied as standard with two hoses, for connection to a hot and cold water supply.

## Connection to the cold water supply

The cold water inlet hose must be connected to the on-site cold water supply (pos. 4) via a 3/4" threaded union. It is **not** suitable for connection to a hot water supply.



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

## Maintenance and care

Only use a genuine Miele hose should you ever need a replacement. Miele hoses are tested to withstand pressure of at least 70 bar (7,000 kPa).

In order to protect the water inlet valve, the two dirt filters - one in the open end of the inlet hose, one at the inlet point in the machine - must not be removed.

# Installation

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## Connection to the hot water supply

To keep electricity consumption costs down this machine can be connected to a (ring) piped hot water supply, max. temperature 60°C.

The inlet hose is connected to the on-site hot water supply (pos. 3).

It is not economical to run it from an individual hot water supply if it is not in continuous use, as the water in the supply pipes cools down and more energy would be required to reheat the water. For hot water connection the same conditions apply as for cold water connection.

For operational reasons the machine must not be connected to hot water only.

If the machine is **not** connected to a hot water supply, the hot water inlet hose must be disconnected and the water settings for the *main wash*, *pre-wash* and *rinses* must be reprogrammed.

- Select the cold option in the *Settings menu/Supervisor level/menu*.

The programme durations may be longer.

- Disconnect the hot water hose (pos. 3)
- Plug the inlet hole with the blanking cap supplied.

## Recycled water connection

This machine can be connected to a recycled water supply.

- Unscrew the blanking cap from the recycled water valve.
- Connect the additional inlet hose to this valve.

The *main wash* and *rinses* water settings must then be set as appropriate.

- Go to *Settings menu/Supervisor level/menu* and select the *Recycled water* option.

## Water drainage

### Dump valve version

A motorised dump valve is used to drain the machine. A DN 70 angle connector can be used for draining the machine via an on-site gully (with odour trap). N.B. If not supplied with the machine, an angle connector is available to order from Miele.

### Machines with a drain pump

The machine drains via a drain pump with a delivery head of 1 metre\*. The drain hose must not be kinked as this restricts drainage. The swivel elbow at the end of the hose can be turned in either direction, or can be detached if required, with a sharp twist and pull.

#### Drain hose connection:

1. Connected securely to a plastic drain pipe with a rubber nipple.  
There is no need to use a non-return valve.
2. Connected securely to a standpipe.
3. Connected securely to a floor gully.


If required, the drain hose can be extended to a length of 5 m. The necessary parts can be purchased from the Miele Spare Parts Department or your Miele dealer.

\* For a delivery head of more than 1 m (up to a max. of 1.6 m) a second duo-drain pump is available with the corresponding kit from the Miele Spare Parts Department or your Miele Dealer.

# Installation

## Electrical connection


This machine is supplied with a connection cable without a plug for connection to a suitable connection socket or isolator switch.

 The voltage, rated load and fuse rating are given on the data plate. Please ensure these match the site mains supply.

This machine must be connected to the electricity supply in accordance with local and national safety regulations (BS 7671 in the UK).


Connection to the electricity supply must only be carried out by a suitably qualified and competent person.

Connection should be made via a suitable connection socket or isolator which complies with local and national safety regulations and which is easily accessible for disconnecting the machine from the electrical supply. Provision must be made on site to switch off all poles. Switches with a minimum all-pole contact gap greater than 3 mm are suitable for isolating the machine. These include circuit breakers, fuses and relays (IEC/EN 60947).

 If the machine is disconnected from the electricity supply ensure adequate measures are taken to ensure that the machine cannot be reconnected to the electricity supply until all work has been carried out.

Should the connection cable require replacing or changes be necessary in the electrical installation including checking and/or replacing the fuse please make sure this is done by an approved electrician to ensure compliance with all local and national electrical safety requirements.

For extra safety, it is advisable to protect the machine with a suitable residual current device (RCD).

 This machine must be connected to a permanent electricity supply so that the door can always be opened. For this reason it must not be connected to devices such as timers which would switch it off automatically.

**WARNING:**  
**THIS APPLIANCE**  
**MUST BE EARTHED**



## Technical data


Height	1020 mm
Width	700 mm
Depth	727 mm
Depth with door open	1167 mm
Weight	140 kg
Max. load bearing in operation	2600 Newton (ca. 260kg)
Capacity	8.0 kg dry laundry
Voltage	See data plate
Connected load	See data plate
Fuse rating	See data plate
Emission sound pressure level in accordance with EN ISO 11204/11203	< 70 dB re 20 µPa
Minimum water flow pressure	100 kPa (1 bar)
Maximum water flow pressure	1,000 kPa (10 bar)
Inlet hose length	2.00 m
Mains connection cable length	1.80 m
Drain pump head max. (drain pump version)	1.00 m
Product safety standard	EN 10472, EN 60335
Test certificates awarded	See data plate



# Changing default settings

Default settings can be altered to adapt the machine to different requirements.

The way these are accessed by the operator will depend on how the machine has been programmed.

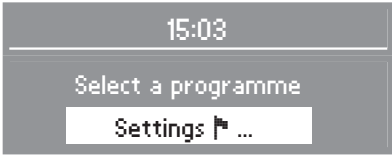
- Some settings are visible and can be changed by all operators via the *Settings*  menu.
- All settings can be locked to prevent unauthorised access. They are then only accessible *Settings/Supervisor level by entering an access code.*

Please contact the Miele Service Department for details.

# Settings menu 🚩

## To open the *Settings* 🚩 menu

- ➊ Turn the programme selector to *Finish*. The entry menu will appear.



- ➋ Press the **OK** button.
- ➌ This will take you into the *Settings* menu.



- ➍ Use the **-** and **+** buttons to select the setting you want and confirm your selection by pressing the **OK** button.

## To close the *Settings* menu

- Select *Back* and confirm your selection. The display will return to the entry menu.

## Language 🚩

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


You can change the language displayed via the *Languages* sub-menu.

The flag after the word *Language* acts as a guide to prevent a language which will not be understood from being set.

A tick will appear beside the language to show that it has been set.

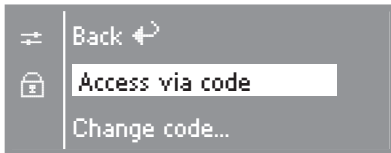
The different language setting will only apply to the programme currently in use. After the programme has finished the display will revert to the default language which was set in the *Settings/Supervisor level* menu.

# Settings/Supervisor level menu

The *Settings* menu (with the exception of Language ) is locked with a code to prevent it being accessed by unauthorised personnel.



- Select Supervisor level and confirm your selection.



- Select *Access via code* and confirm your selection.

## To enter the code

Enter the code **0 0 0** (factory default setting). If you enter the code wrongly three times, you will be locked out of the Supervisor level for an hour.



- Use the **+** button to enter the first number.
- Confirm your selection of this number by pressing the **OK** button.
- Now enter the second number.

- Repeat the process until all three numbers have been entered.

## To confirm the code

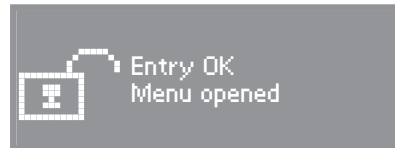


- Confirm the code with **OK** (Yes is highlighted).

## To correct the code

- Press the **+** button so that *No* is highlighted.
- Confirm by pressing the **OK** button.
- Enter the correct code.

The following will appear in the display:



You are now in Supervisor level.

You can alter the code if you want to prevent it being accessed by unauthorised personnel.

## To change the code

- See the "Supervisor level" setting.

# Settings/Supervisor level menu

---

## Language

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

You can set the language you want as the fixed default language in the *Languages* sub-menu.

- Select the language you want and confirm your selection.

## 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 temperatures of more than 70°C are selected.

Suds cooling should be activated:

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

The machine is delivered with Suds cooling activated.

## Time of day

First select either a 24 hour or 12 hour clock, or not to have a clock displayed at all. Then set the current time of day.

If you select the Time not displayed option, the delay start function can only be shown as a 24 hour countdown timer, i.e. the display will show how many hours until the start but not the current time of day.

### To select a 24 hour or 12 hour clock

- Select the clock option you want and confirm your selection.

The display will then change to the screen for setting the time of day.

### To set the time (of day)

- Set the hour with the – and + buttons and confirm your setting by pressing the **OK** button. Now set the minutes. The display will return to the *Settings* menu.

# Settings/Supervisor level menu

## Supervisor level

You can alter the access code to the supervisor level.

- Enter the old code.
- Enter a new code.

After you have confirmed the new code, the display will change to the beginning of the *Settings* menu.

## Display contrast

There are ten different display contrast settings.

The machine is delivered with the display contrast on Setting 4.

The display contrast will change as soon as a different setting is chosen.

## Display brightness

There are ten different display brightness settings.

The machine is delivered with the display brightness on Setting 5.

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

## Standby (Display)

To save energy, the display goes out after 10 minutes and the *Start* button flashes slowly.

Turning the programme selector or pressing a button switches the display back on again.

There are two options:

### On

Standby comes on:

- if a programme is not selected after the machine has been switched on.
- after a programme has started.
- after the end of a programme.

### Not in current Prog.

(the machine is delivered with this option selected)

Standby comes on:

- if a programme is not selected after the machine has been switched on.

# Settings/Supervisor level menu

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## Memory

If an extra option has been selected for a programme, or the recommended temperature or spin speed has been altered, the machine will store the changes in memory at the start of the programme.

When this programme is chosen again these settings will appear in the display.

The machine is delivered with the memory function deactivated.

## Auto load control

If the Auto load control is deactivated, the machine will always carry out the programme sequence based on a full load.

The machine is delivered with this option activated.

## Pre-wash water

You can choose for the pre-wash to be carried out with either hot or cold water. Hot water can only be taken in if the wash temperature is above 30°C.

The machine is delivered with the *Hot* water option selected.

## Main wash water

You can choose for the main wash to be carried out with either hot or cold water. Hot water can only be taken in if the wash temperature is above 30°C.

The machine is delivered with the *Hot* water option selected.

If the machine is not connected to a hot water supply, programme durations will be longer.

## Rinse water

You can choose for the final rinse to be carried out with either hot or cold water. Hot water can only be used if the wash temperature is above 50°C.

The machine is delivered with the *Cold* water option selected.



# Settings/Supervisor level menu

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## Low water pressure

This setting should be activated to ensure the correct amount of water is taken into the machine in areas where the water pressure is constantly low (below 100 kPa).

The machine is delivered with the Low water pressure option deactivated.

## Minimum iron level

You can increase the water level for the main wash in the *Minimum iron* programme.

The machine is delivered with the Block parameters option selected (the water level will be controlled according to the programme data which has been programmed on-site).

## Empty sensor

You can activate the *Empty sensor* option for the external liquid detergent containers so that a message appears in the display when a container is empty.

The factory default setting is *No* (no empty sensor).

## Pre-wash temp. cottons

You can select the temperature for the pre-wash in the *Cottons* programme.

The machine is delivered with the Block parameters option selected (the temperature will be controlled according to the programme data which has been programmed on-site).

## Cottons level

You can increase the water level for the main wash in the *Cottons* programme.

The machine is delivered with the Block parameters option selected (the water level will be controlled according to the programme data which has been programmed on-site).

## Pre-wash duration

You can lengthen the duration of the pre-wash.

The machine is delivered with the Block parameters option selected (the wash duration will be controlled according to the programme data which has been programmed on-site).

# Settings/Supervisor level menu

---

## Cottons duration

You can increase the wash duration for the main wash in the *Cottons* programme.

The machine is delivered with the Block parameters option selected (the wash duration will be controlled according to the programme data which has been programmed on-site).

## No. rinses Cottons

You can alter the number of rinses which are carried out in the *Cottons* programme.

2 rinses (factory default setting)

3 rinses

4 rinses

5 rinses

## Minimum iron duration

You can increase the wash duration for the main wash in the *Minimum iron* programme.

The machine is delivered with the Block parameters option selected (the wash duration will be controlled according to the programme data which has been programmed on-site).

## Pre-wash Cott/M-iron

You can choose for pre-wash to be carried out with every *Cottons* and *Minimum iron* programme or to select it on an individual basis.

If pre-wash has been selected as a default (*Standard option*), the indicator light for the Pre-wash button will be lit up.

The machine is delivered with the *Select via prog. menu* option activated.

# Settings/Supervisor level menu

---

## No. rinses Min. iron

You can alter the number of rinses which are carried out in the *Minimum iron* programme.

2 rinses (factory default setting)  
3 rinses  
4 rinses

## Spin free of charge

If your machine is fitted with a payment system, you can release the Spin programme (paid).

The machine is delivered with this option deactivated.

## Pre-rinse Cottons

A pre-rinse can be carried out in the *Cottons* programme.

The machine is delivered with this option deactivated.

## To close the Settings menu

- Select *Back* and confirm your selection. The display will return to the entry menu.

## Pre-rinse Minimum iron

A pre-rinse can be carried out in the *Minimum iron* programme.

The machine is delivered with this option deactivated.

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