Operating instructions
for washing machines

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

en-AE, SA

M.-Nr. 10 613 780
Caring for the environment

Disposal of the packing material

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

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

Disposal of your old appliance

Electrical and electronic appliances 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 appliance. Please do not therefore dispose of it with your household waste.

Please dispose of it at your local community waste collection / recycling centre or contact your Miele dealer for advice.

Ensure that it presents no danger to children while being stored for disposal.
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Warning and Safety instructions

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

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

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

Correct application

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

▶ The washing machine is not intended for outdoor use.

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

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

Safety with children

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

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

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

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

Technical safety

- Please observe the instructions in "Installation and connection" and "Technical data".

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

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

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

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

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

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

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

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

- If the electrical connection cable is faulty it must only be replaced by a Miele authorised service technician to protect the user from danger.
The machine must be isolated from the electricity supply when cleaning and maintaining the machine and in the event of a fault.

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

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

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

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

Do not make any alterations to the machine, unless authorised to do so by Miele.
Warning and Safety instructions

Correct use

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

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

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

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

► Take care to ensure that foreign objects (e.g. nails, pins, coins, paper clips) do not find their way into the machine with the laundry. These may damage components of the machine (e.g. suds container, drum), which in turn can result in damage to the laundry.
Take care when opening the drum door after using the steam function. Danger of burning due to escaping steam and the high temperature of the surface of the drum as well as the porthole glass. Stand back away from the machine and wait until the steam has dissipated.

The maximum load for this washing machine is 8 kg (dry weight). See the "Programme chart" for the maximum recommended loads for individual programmes.

If the correct amount of detergent is dispensed, the machine should not need to be descaled. If, however, you do wish to descale it, only use a proprietary natural citric acid based descaling agent. Miele recommends using Miele descaling agent which is available to order from your Miele dealer. Strictly observe the instructions on the packaging.

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

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

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

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

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

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

Accessories

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

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

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

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

Control panel

1 Display with sensors
See the next page for more information.

2 Start/Stop button
For starting the programme selected 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 Delay start button
For selecting delay start.

6 Option buttons
Various options can be added to the wash programme.

7 Programme selector
For selecting the wash programme.

8 Optical interface PC
For service technicians.

9 button
For switching the washing machine on and off.
To save energy the washing machine will switch off automatically 15 minutes after the end of the programme/anti-crease phase or after being switched on if no other selection is made.
Operating the washing machine

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

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

Programme duration
After the programme has started the programme duration will appear in the display in hours and minutes.

If delay start has been selected, the programme duration will appear at the end of the delay start time.

Delay start
The delay start time selected will appear in the display.

After the programme has started the delay start time will begin to count down.

Once the delay start time has elapsed, the estimated programme duration will appear in the display.
Operating the washing machine

Examples on how to operate the machine

Scrolling through a list
The arrows in the display indicate that a list 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 which is currently in the display.

Identifying options selected

If an option has been activated, this will be indicated by a tick next to it.

Setting numerical values

A 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 which is currently in the display.

Exiting a sub-menu
Select Back to exit a sub-menu.
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 filters are securely tightened to prevent the risk of water leaks during use.

Remove the protective foil and stickers

- Remove
  - the protective foil from the door.
  - any stickers from the front and the lid.

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

Remove the drain hose elbow from the drum

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

- Reach under the door grip and pull the door open.
- Remove the elbow piece.

Shut the door with a gentle swing.

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

Switch on the washing machine

- Press the button.

The welcome screen will light up.

Setting the language

You will be asked to select the language you want for the display. It is possible to change the language at any time via "Settings".

- Touch the \ or ^ sensor until the language you want appears in the display.
- Confirm your selection of the language by touching 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 washing machine and to adjacent cabinetry or appliances.
Remove the transit bars as described in "Installation and connection".

■ Confirm the removal of the transit bars with the OK sensor.

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

The following message appears in the display:

ℹ️ Open and run 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.

To do this the Cottons 90 °C must be started without laundry and without detergent.

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

■ Open the stopcock.

■ Turn the programme selector to Cottons.

1:55 90°C 1600

■ Press the Start/Stop button.
The calibration programme has started. This will take approx. 2 hours.

At the end of the programme the following message will be displayed:

ℹ️ Set up complete

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

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

■ Switch the washing machine off with the button.
Washing environmentally and economically

Energy and water consumption

- Water consumption and energy usage are determined by the size of the load. To make the most of your machine, load the maximum dry load for the programme you are using.
- When smaller amounts of laundry are washed, the automatic load recognition system will reduce the amount of water and energy used.
- Use the Express 20 programme for small, lightly soiled loads.
- Modern detergents make it possible to wash at lower temperatures (e.g. 20 °C). Washing using lower temperature settings will save energy.
- To maintain the hygiene of the machine, carry out a hot wash (60 °C or above) using powder detergent at regular intervals. Hygiene info will appear in the display to remind you to carry out a hot wash.

Detergent

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

When drying with a tumble dryer

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

- Empty all pockets.

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

Sort the laundry

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

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

Pre-treat stains

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

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

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

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

General tips

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

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

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

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

Do not wash any items in this washing machine which are specified by the manufacturer as not washable on the care label (_symbol).
2. Select a programme

Switch on the washing machine

- Press the \( \textcircled{1} \) button.

Programme selection

- Turn the programme selector to the required programme.

The load for the programme selected will appear in the display. This will then be replaced by the standard display.
3. Load the washing machine

Open the door

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

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

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

- Unfold the laundry and load loosely into the drum.

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

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

Close the door

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

- Shut the door with a gentle swing.
4. Select programme settings

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**
Soiling and/or stains clearly visible.

**Tip:** You can switch on the degree of soiling query and select the default setting for the degree of soiling (see "Settings - Degree of soiling").

If the degree of soiling query has been switched on, the following will appear in the display:

```
Degree of soiling

The display will change automatically to the degree of soiling query:

Normal

- Set the degree of soiling with the ▼ and ▲ sensors and confirm your selection with the OK sensor.
```

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

- with the Heavy degree of soiling setting, a pre-wash will be carried out automatically for some programmes (see "Options").
- the rinse water level will be adjusted
- the programme durations (with light soiling the programme duration will be shorter)

In the Express 20 programme the degree of soiling cannot be selected. Express 20 is designed for lightly soiled laundry.

Select a temperature

You can alter the pre-set temperature of a wash programme.

- Press the Temperature button.

The following will appear in the display:

```
Temperature

- Set the temperature you want with the ▼ and ▲ sensors and confirm your selection with the OK sensor.
```
4. Select programme settings

Selecting a spin speed

You can alter the pre-set 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 \( \triangledown \) and \( \triangledown \) sensors and confirm your selection with the OK sensor.

Select options

```
<table>
<thead>
<tr>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-ironing</td>
</tr>
<tr>
<td>Short</td>
</tr>
<tr>
<td>Water plus</td>
</tr>
</tbody>
</table>
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- Press the button for the option you want.

The indicator light in the button will come on.

Switch on delay start (if required)

The start of a programme can be delayed from 15 minutes up to 24 hours, allowing you to make use of night-time economy electricity rates, for example.

See "Delay start".

Not all options are suitable for use with every programme. You can only select options which are compatible with the programme being used.

See "Options".
5. Add detergent

There are several options for adding detergent.

**Detergent dispenser drawer**

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 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 burden to the environment.

Pull out the detergent dispenser drawer and add detergent to the compartments as follows:

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

- Detergent for the main wash

- Fabric conditioner, liquid starch or capsules.

See "Detergent" for further information.
5. Add detergent

**CapDosing**

Three different types of capsule are available:

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

Each capsule contains the correct amount for one wash cycle.

You can order the capsules from your Miele dealer (see the end of this booklet for contact details).

⚠ Keep capsules out of the reach of children.

**Activating CapDosing**

- Touch the Cap **Cap** sensor.

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

- Select the type of capsule 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 Cap **Cap** compartment.

- Press the capsule in firmly.
5. Add detergent

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

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

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

- Water intake to the 🌿 compartment is solely via the capsule.
- No additional fabric conditioner may be added to the 🌿 compartment when using a capsule.
- Remove the empty capsule at the end of the programme.

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

Deactivating/changing CapDosing

- Touch the Cap 📦 sensor and follow the instructions in the display.
6. Start the programme - the end of a programme

Start the programme

■ Touch the flashing Start/Stop sensor.

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

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

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

At the end of a programme

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

Anti-crease/Finish

and

Press Start/Stop

■ Press the Start/Stop button. This will unlock the door.

■ Pull open the door.

■ Remove the laundry.

Check the folds in the door seal for any small articles, e.g. buttons, which might be lodged there.

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

■ Switch the washing machine off with the ⌂ button.

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

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

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.
## Final spin speed

<table>
<thead>
<tr>
<th>Programme</th>
<th>rpm</th>
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<td>Cottons</td>
<td>1600</td>
</tr>
<tr>
<td>Minimum iron</td>
<td>1200</td>
</tr>
<tr>
<td>Woollens 🧶</td>
<td>1200*</td>
</tr>
<tr>
<td>Separate rinse / Starch</td>
<td>1600*</td>
</tr>
<tr>
<td>Delicates</td>
<td>900</td>
</tr>
<tr>
<td>Express 20</td>
<td>1200</td>
</tr>
<tr>
<td>Dark garments / Denim</td>
<td>1200</td>
</tr>
<tr>
<td>Shirts</td>
<td>900</td>
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<tr>
<td>Drain / Spin</td>
<td>1600</td>
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</tbody>
</table>

## Final spin speed in the programme

When a programme is selected the optimum spin speed for that programme will appear in the display. For programmes marked with a * in the chart, the optimum spin speed is not the maximum spin speed.

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

## 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. If a spin speed of less than 700 rpm is selected for the Cottons programme, an additional rinse is introduced.
To omit the final spin (Rinse hold)

- Use the Spin speed button to select the Rinse hold setting (Rinse hold). The laundry is not spun after the final rinse and remains in the final 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:
  The washing machine will display the maximum spin speed possible. You can select a spin speed lower than this. Start the final spin by pressing the Start/Stop button.

- To end the programme:
  Use the Spin speed button to select the 0 rpm setting (Without spin) and press the Start/Stop button.

  The water will drain away.

To omit 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 in.

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

With delay start you can choose when you want the programme to start. You can delay the start of the programme from 15 minutes up to a maximum of 24 hours, allowing you to make use of night-time economy electricity rates, for example.

To select delay start

- Press the Delay start button.

The following will appear in the display:

Start in 00:00

- Use the \( \downarrow \) and \( \uparrow \) sensors to enter the hour and confirm your entry with the OK sensor.

The display will change:

Start in 05:00

- Use the \( \downarrow \) and \( \uparrow \) sensors to enter the minutes and confirm your entry with the OK sensor.

Tip: The values will count upwards and downwards automatically if you touch the \( \downarrow \) or \( \uparrow \) sensor continuously.

To begin delay start

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

The following will appear in the display:

Start in 05:00

When the delay start time has elapsed, the programme will begin and the display will show the programme duration and the programme sequence.

To change delay start

You can change delay start at any time.

- Press the Delay start button.

Change the time

- Touch the OK sensor.

Start in 05:29

- Now enter the time you want.

To cancel delay start and begin the programme straight away

- Press the Delay start button.

Change the time

- Touch the \( \downarrow \) sensor.

Start now

- Touch the OK sensor. The wash programme will start immediately.
## Programme chart

<table>
<thead>
<tr>
<th>Cottons</th>
<th>cold to 90 °C</th>
<th>Max. load 8.0 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use for</td>
<td>Cotton, linen or cotton mix fabric, e.g. table linen, towelling, underwear, T-shirts etc.</td>
<td></td>
</tr>
<tr>
<td>Note</td>
<td>The settings 60 °/40 °C differ from &lt;60°C&gt;/&lt;40°C&gt; as follows:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Shorter programme durations</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Longer temperature holding times</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Higher energy consumption</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Where particularly high levels of hygiene are required please select a temperature of 60 °C or higher.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cottons</th>
<th>&lt;60°C&gt;/&lt;40°C&gt;</th>
<th>Max. load 8.0 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use for</td>
<td>Normally soiled cotton garments.</td>
<td></td>
</tr>
<tr>
<td>Notes</td>
<td>- These settings are the most efficient in terms of energy and water consumption for washing cottons.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- With &lt;60°C&gt; the actual wash temperature reached will be lower than 60°C although the wash performance is the same as with the standard Cottons 60°C programme.</td>
<td></td>
</tr>
</tbody>
</table>

### Note for test institutes:

The nominated energy labelling programme according to SASO 2692/2007, SASO 2693/2007 and SASO 2683/2007

<table>
<thead>
<tr>
<th>Minimum iron</th>
<th>cold to 60 °C</th>
<th>Max. load 4.0 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use for</td>
<td>Synthetic, mixed fibre and easy care cotton.</td>
<td></td>
</tr>
<tr>
<td>Note</td>
<td>Reduce the spin speed for fabric which creases easily.</td>
<td></td>
</tr>
</tbody>
</table>
## Programme chart

<table>
<thead>
<tr>
<th>Programme</th>
<th>Temperature</th>
<th>Load Capacity</th>
<th>Use for</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Woollens</td>
<td>cold to 40 °C</td>
<td>Max. 2.0 kg</td>
<td>Machine-washable or hand-washable wool or wool blend fabric. If the care label does not specify a temperature, wash using the cold setting.</td>
<td>Reduce the spin speed for items which crease easily.</td>
</tr>
<tr>
<td>Separate rinse / Starch</td>
<td>Max. 8.0 kg</td>
<td></td>
<td>– Rinsing handwashed items.</td>
<td>Reduce the spin speed for items which crease easily.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>– Starching table cloths, serviettes and workwear.</td>
<td>The laundry should be washed but not treated with fabric conditioner.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Items will be rinsed very effectively using two rinse cycles by activating the <em>Water plus</em> option.</td>
</tr>
<tr>
<td>Delicates</td>
<td>cold to 60 °C</td>
<td>Max. 3.0 kg</td>
<td>Delicate garments made from synthetic fibre, mixed fibre, rayon and viscose. Curtains, including net curtains, specified as machine-washable by the manufacturer.</td>
<td>Dust in curtains usually makes a programme with pre-wash advisable. Select the <em>Heavy</em> setting for the degree of soiling so that a pre-wash will be carried out.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Deselect the spin for items which crease easily.</td>
</tr>
<tr>
<td>Programme chart</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Express 20</strong></th>
<th><strong>cold to 40 °C</strong></th>
<th><strong>Max. load 3.5 kg</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Use for</strong></td>
<td>Cotton garments that have hardly been worn or are only very lightly soiled.</td>
<td></td>
</tr>
<tr>
<td><strong>Note</strong></td>
<td>The <em>Short</em> option is activated automatically.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Dark garments / Denim</strong></th>
<th><strong>cold to 60 °C</strong></th>
<th><strong>Max. load 3.0 kg</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Use for</strong></td>
<td>Black and dark items made of cotton, mixed fibre or denim.</td>
<td></td>
</tr>
<tr>
<td><strong>Notes</strong></td>
<td>- Wash inside out.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Denim often contains excess dye and may run during the first few washes. Wash light and dark coloured items separately.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Shirts</strong></th>
<th><strong>Cold to 60 °C</strong></th>
<th><strong>Max. load 2.0 kg</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Use for</strong></td>
<td>Shirts and blouses made of cotton and mixed fibre</td>
<td></td>
</tr>
<tr>
<td><strong>Note</strong></td>
<td>- Pre-treat soiled cuffs and collars if necessary.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Wash silk shirts and blouses in the <em>Delicates</em> programme.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Drain / Spin</strong></th>
<th><strong>Max. load 8.0 kg</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Notes</strong></td>
<td>- Drain only: Select 0 rpm for the spin speed.</td>
</tr>
<tr>
<td></td>
<td>- Make sure you select the appropriate spin speed.</td>
</tr>
</tbody>
</table>
Options

Options are selected and deselected via the relevant buttons and the display.

- **Pre-ironing**
  - Press the button for the option you want.
  - The relevant button will light up.
  - Not all options are suitable for use with every programme.
  - You can only select options which are compatible with the programme being used.

- **Short**
  - Use this option for light soiling with no visible staining.
  - The wash duration is reduced.

- **Water plus**
  - The water level in the wash and rinse stages is increased and a second rinse is carried out in the "Separate rinse / Starch" programme.
  - You can select other functions for the Water plus button. These are described in "Settings".

The garments must be suitable for drying in a tumble dryer and suitable for ironing.
The following options can be selected in addition to the programme:

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

<table>
<thead>
<tr>
<th></th>
<th>Pre-wash 1)</th>
<th>Pre-ironing</th>
<th>Short</th>
<th>Water plus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cottons</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Minimum iron</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Separate rinse / Starch</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>X</td>
</tr>
<tr>
<td>Delicates</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Express 20</td>
<td>–</td>
<td>X</td>
<td>X</td>
<td>–</td>
</tr>
<tr>
<td>Dark garments / Denim</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Shirts</td>
<td>X</td>
<td>X 2)</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

X = Can be selected
- = Cannot be selected
1) = Activated automatically when the Heavy degree of soiling setting is selected
2) = Can be deselected
# Programme sequence

<table>
<thead>
<tr>
<th></th>
<th>Main wash</th>
<th></th>
<th>Rinses</th>
<th></th>
<th>Spinning</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Water level</td>
<td>Wash rhythm</td>
<td>Water level</td>
<td>Rinses</td>
<td></td>
</tr>
<tr>
<td>Cottons</td>
<td>2-5&lt;sup&gt;1(2)3&lt;/sup&gt;</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum iron</td>
<td>2-4&lt;sup&gt;2(3)&lt;/sup&gt;</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Woollens</td>
<td>2</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Separate rinse / Starch</td>
<td>0-1&lt;sup&gt;5&lt;/sup&gt;</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delicates</td>
<td>2-4&lt;sup&gt;2(3)&lt;/sup&gt;</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Express 20</td>
<td>1</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dark garments / Denim</td>
<td>3-5&lt;sup&gt;2(3)&lt;/sup&gt;</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shirts</td>
<td>3-4&lt;sup&gt;3&lt;/sup&gt;</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drain / Spin</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>✓</td>
</tr>
</tbody>
</table>

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

= 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

The washing 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.

The programme sequences shown in the chart are based on the standard programme with a full load.

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

Special features in the programme sequence

Anti-crease:
At the end of the programme the drum continues to turn at intervals for up to 30 minutes to help prevent creasing.

Exception: There is no anti-crease phase in the Woollens and Silks programmes.

The door can be opened at any time during the anti-crease phase.

1) If a temperature of 60 °C or higher is selected, or with <40°C and >60°C temperatures, 2 rinses are carried out. If a temperature of less than 60 °C is selected, 3 rinses are carried out.

2) An additional rinse is carried out if:
– there is too much foam in the drum
– a spin speed lower than 700 rpm has been selected

3) An additional rinse is carried out if:
– the Water plus option is selected and the Extra rinse or Water + and Extra rinse setting has been activated for the Water plus option in Settings.

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

5) An additional rinse is carried out if:
the Water plus option is selected.
## Garment care label symbols

### Washing

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

- No bar under the symbol: = normal agitation
- One bar under the symbol: = reduced agitation
- Two bars under the symbol: = much reduced agitation
- Hand wash (if no temperature is specified, use the lowest temperature or cold)
- Do not wash

### Programme selection examples

<table>
<thead>
<tr>
<th>Programme</th>
<th>Garment care label symbols</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cottons</td>
<td>95 70 60 50 40 30</td>
</tr>
<tr>
<td>Minimum iron</td>
<td>95 60 50 40 30</td>
</tr>
<tr>
<td>Delicates</td>
<td>40 30</td>
</tr>
<tr>
<td>Woollens</td>
<td>!</td>
</tr>
<tr>
<td>Express 20</td>
<td>40 30</td>
</tr>
</tbody>
</table>

### Drying

The number of dots indicates the drying temperature

- Normal temperature
- Low temperature
- Do not tumble dry

### Ironing

The number of dots indicates the ironing temperature

- Hot iron (max. sole plate temp. approx. 200 °C)
- Medium hot iron (max. sole plate temp. approx. 150 °C)
- Cool iron (max. sole plate temp. approx. 110 °C).
- Do not steam iron garments carrying this symbol as this could cause irreversible damage.
- Do not iron

### Professional cleaning

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

### Bleaching

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

Cancel programme

■ Touch the OK sensor.

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

Prog. cancelled

■ Pull open the door.
■ Remove the laundry.

If you want to select a different programme
■ Close the door.
■ Select the programme you want.
■ Add detergent to the detergent dispenser drawer, if necessary.
■ Press the Start/Stop button.

The new programme will begin.

Interrupting a programme
■ Switch the washing machine off with the ı button.
■ Switch the washing machine back on with the ı button to continue with the same programme.

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

Temperature
With the exception of the Cottons programme, it is possible to select a different temperature up to 5 minutes after the programme has started.

■ Press the Temperature button.
■ Use the ∨, ∧ and OK sensors to change the temperature.

Spin speed
It is possible to change the spin speed up until the final spin begins.

■ Press the Spin speed button.
■ Use the ∨, ∧ and OK sensors to change the spin speed.

Options
It is possible to select or deselect the Short and Water plus options up to 5 minutes after the programme has started.

Tip: It is not possible to make any changes to the programme or to cancel it if the safety lock has been activated.
Changing the programme sequence

Adding or removing laundry after the programme has started

- Press the Start/Stop button.

The following will appear in the display:

**Cancel programme**

- Scroll up the list with the △ or △ sensor to:

**Add laundry**

- 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 washing machine 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.

**The door cannot be opened, if:**

- the suds temperature is above 55 °C.
- the water is above a certain level.
- the programme has reached the Spin stage.

If you want to open the door when the above conditions are present you will need to cancel the programme.

The safety lock will remain activated if the temperature in the drum is above 55 °C. The lock will not deactivate until the temperature has dropped to below 55 °C.
Changing the programme sequence

Safety lock

The safety lock prevents the temperature, spin speed or options being altered during a wash programme.

To activate the safety lock

- Press the Start/Stop button.

The following will appear in the display:

- Scroll up the list with the \( \lor \) or \( \land \) sensor to:

- Touch the OK sensor.

To deactivate the safety lock

- Proceed as for activating the safety lock.

The following will appear in the display:

- Touch the OK sensor.

The safety lock is now deactivated.
The correct detergent

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

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

The right amount to dispense will depend on the following:

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

Dispensing aids

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

Refill packs of detergent

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

Fabric conditioner and liquid starch

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

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

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

<table>
<thead>
<tr>
<th>Hardness scale</th>
<th>Hardness level in mmol/l</th>
<th>German scale °d</th>
</tr>
</thead>
<tbody>
<tr>
<td>I (soft)</td>
<td>0 – 1.5</td>
<td>0 – 8.4</td>
</tr>
<tr>
<td>II (medium)</td>
<td>1.5 – 2.5</td>
<td>8.4 – 14</td>
</tr>
<tr>
<td>III (hard)</td>
<td>above 2.5</td>
<td>above 14</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Hardness scale</th>
<th>Hardness level in mmol/l</th>
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<tbody>
<tr>
<td>I (soft)</td>
<td>0 – 1.5</td>
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<td>8.4 – 14</td>
</tr>
<tr>
<td>III (hard)</td>
<td>above 2.5</td>
<td>above 14</td>
</tr>
</tbody>
</table>
Miele recommended detergents

Miele detergents and care products have been specially designed for Miele washing machines. They are available to order from your Miele dealer.

<table>
<thead>
<tr>
<th></th>
<th>Miele UltraWhite</th>
<th>Miele UltraColor</th>
<th>Miele Cap Cap</th>
<th>Miele Cap Cap Cap</th>
<th>Miele Cap Cap Cap Cap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cottons</td>
<td>✓</td>
<td>✓</td>
<td>–</td>
<td>F</td>
<td>H</td>
</tr>
<tr>
<td>Minimum iron</td>
<td>–</td>
<td>✓</td>
<td>–</td>
<td>F</td>
<td>H</td>
</tr>
<tr>
<td>Woollens</td>
<td>–</td>
<td>–</td>
<td>D, E</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Separate rinse /</td>
<td>–/ –</td>
<td>–/ –</td>
<td>–/ –</td>
<td>F/ –</td>
<td>–/ –</td>
</tr>
<tr>
<td>Starch</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delicates</td>
<td>–</td>
<td>✓</td>
<td>A, B, C</td>
<td>F</td>
<td>–</td>
</tr>
<tr>
<td>Express 20</td>
<td>–</td>
<td>✓</td>
<td>–</td>
<td>F</td>
<td>–</td>
</tr>
<tr>
<td>Dark garments /</td>
<td>–</td>
<td>✓</td>
<td>–</td>
<td>F</td>
<td>–</td>
</tr>
<tr>
<td>Denim</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shirts</td>
<td>✓</td>
<td>✓</td>
<td>–</td>
<td>F</td>
<td>H</td>
</tr>
</tbody>
</table>

✓ Recommended
– Not recommended

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

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

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

<table>
<thead>
<tr>
<th></th>
<th>Universal</th>
<th>Coloureds</th>
<th>Delicates and woollens detergent</th>
<th>Specialist</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cottons</strong></td>
<td>✓</td>
<td>✓</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td><strong>Minimum iron</strong></td>
<td>–</td>
<td>✓</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td><strong>Woollens 🧥</strong></td>
<td>–</td>
<td>–</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Delicates</strong></td>
<td>–</td>
<td>–</td>
<td>✓</td>
<td>–</td>
</tr>
<tr>
<td><strong>Express 20</strong></td>
<td>–</td>
<td>✓¹</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td><strong>Dark garments / Denim</strong></td>
<td>–</td>
<td>✓¹</td>
<td>–</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Shirts</strong></td>
<td>✓</td>
<td>✓</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

- ✓ Recommended
- – Not recommended

¹) Liquid detergent
²) Powder detergent
Dispensing fabric conditioner and liquid starch at the end of the programme

- Add the fabric conditioner or liquid starch to the \( \bigstar \) compartment or insert the appropriate capsule. **Do not exceed the maximum level mark.**

The agent will be automatically dispensed in the last rinse. At the end of the programme a small amount of water will remain in the \( \bigstar \) compartment.

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

Adding fabric conditioner or liquid starch separately

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

**Tip:** When adding fabric conditioner separately, activate the *Water plus* option.

- Add fabric conditioner to the \( \bigstar \) compartment or insert the appropriate capsule.
- Add liquid starch to the \( \bigstar \) compartment and powder or viscous starch to the \( \bigcirc \) compartment.
- Select the *Separate rinse / Starch* programme.
- Change the spin speed if necessary.
- Activate the *Cap* \( \bigtriangledown \) sensor if using a capsule.
- Press the *Start/Stop* button.

**Colour run and dye removers/dyes**

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

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

Cleaning the drum (Hygiene info)
Washing at low temperatures and/or using liquid detergent can cause bacteria and unpleasant odours to build up in the washing machine. Use the Cottons 75°C programme to clean the machine. Run this programme regularly or at the latest when Hygiene info appears the display.

External casing and fascia panel

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

⚠ The washing machine must not be hosed down.

- Clean the casing and fascia panel with a mild non-abrasive cleaning agent or soap and water using a well wrung-out cloth. Wipe dry with a soft cloth.

- The drum can be cleaned with a proprietary stainless steel cleaning agent, following the manufacturer’s instructions on the packaging.

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

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

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

- 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 drawer with hot water.
Cleaning and care

Cleaning the siphon tube and the channel

Liquid starch can cause the siphon to become clogged. Make sure that you clean the siphon and siphon tube particularly thoroughly after using liquid starch a few times.

Clean the siphon.
1. Remove the siphon from the compartment and rinse under hot running water. Clean the siphon tube at the same time.
2. Replace the siphon.

Clean the fabric conditioner channel with a brush and hot water.

Cleaning the detergent dispenser drawer housing

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

**Tip:** Leave the detergent dispenser drawer slightly open to allow it to dry.
Cleaning and care

Cleaning the water inlet filters

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

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

1. First turn off the stopcock.
2. Unscrew the inlet hose from the stopcock.
3. Remove the rubber seal 1 from the recess.
4. Using pointed pliers, take hold of the plastic filter bar 2 and remove it.
5. Clean the filter.
6. Replace the filter and seal back in the reverse order and reconnect the hose.

To clean the filter in the water inlet valve:

1. Using pliers, carefully loosen the ribbed plastic nut on the inlet valve and unscrew.
2. Use pointed nose pliers to withdraw the plastic filter by the bar (see illustration).
3. Clean the filter.
4. Replace the filter in the reverse order.

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

The two filters must be put back in place after cleaning.
Problem solving guide

Minor faults in the performance of the washing machine, some of which may result from incorrect operation, can be put right without contacting your Miele dealer.

The following guide may help you to find the reason for a fault, and to correct it. You should, however, note the following:

⚠️ 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.

Some of the messages in the display are more than one line long. Touch the \U23ce or \U2318 sensor to read them in full.

The programme does not start

<table>
<thead>
<tr>
<th>Issue</th>
<th>Cause and remedy</th>
</tr>
</thead>
</table>
| The display remains dark, and the Start/Stop button indicator light does not come on. | There is no power to the machine.  
- Check whether the mains plug is plugged in and switched on.  
- Check whether the fuse or circuit breaker has tripped.  

The washing machine has switched off automatically to save energy.  
- Switch it back on with the \U231b button. |
| The display prompts you to enter a code. | Access via a code has been activated.  
- Enter the code and confirm the entry. Deactivate the code if you do not wish this message to appear in the display the next time the machine is switched on. |
| The following appears in the display: 📣 🛠️ Service Door lock | The door is not closed properly. The door lock could not engage.  
- Close the door again.  
- Start the programme again.  
  If the fault message appears again, contact your Miele dealer. |
# Problem solving guide

## The following fault messages appear in the display and the programme stops

<table>
<thead>
<tr>
<th>Message</th>
<th>Cause and remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>⚠️ <strong>Water intake</strong></td>
<td>**See **</td>
</tr>
<tr>
<td></td>
<td>The water inlet is blocked or restricted.</td>
</tr>
<tr>
<td></td>
<td>■ Check whether the stopcock is opened properly.</td>
</tr>
<tr>
<td></td>
<td>■ Check whether the inlet hose is kinked.</td>
</tr>
<tr>
<td></td>
<td>■ Check whether the water pressure is too low.</td>
</tr>
<tr>
<td></td>
<td>The filter in the water inlet is blocked.</td>
</tr>
<tr>
<td></td>
<td>■ Clean the filter.</td>
</tr>
<tr>
<td>⚠️ <strong>Drainage</strong></td>
<td>**See **</td>
</tr>
<tr>
<td></td>
<td>The water outlet is blocked or restricted.</td>
</tr>
<tr>
<td></td>
<td>The drain hose has been fixed too high.</td>
</tr>
<tr>
<td></td>
<td>■ Clean the drain filters and the drain pumps.</td>
</tr>
<tr>
<td></td>
<td>■ The maximum delivery head is 1 m.</td>
</tr>
<tr>
<td>⚠️ <strong>Service Waterproof syst.</strong></td>
<td><img src="image" alt="Service Waterproof syst." /></td>
</tr>
<tr>
<td></td>
<td>The water protection system has reacted.</td>
</tr>
<tr>
<td></td>
<td>■ Close the stopcock.</td>
</tr>
<tr>
<td></td>
<td>■ Call your Miele dealer.</td>
</tr>
<tr>
<td>⚠️ <strong>Service Fault F</strong></td>
<td><img src="image" alt="Service Fault F" /></td>
</tr>
<tr>
<td></td>
<td>There is a fault.</td>
</tr>
<tr>
<td></td>
<td>■ Start the programme again.</td>
</tr>
<tr>
<td></td>
<td>If the fault message appears again, contact your Miele dealer.</td>
</tr>
</tbody>
</table>

To switch off the fault messages: Switch the washing machine off with the ① button.
### A message appears in the display at the end of the programme

<table>
<thead>
<tr>
<th>Message</th>
<th>Cause and remedy</th>
</tr>
</thead>
</table>
| i Align the machine | The smoothing process which the laundry undergoes at the end of the programme could not be carried out properly.  
  - Check whether the washing machine is aligned correctly as described in "Installation and connection - Levelling the machine".  
  - Check whether the maximum delivery height of 1 m has been exceeded.  
  If the fault message appears again, contact your Miele dealer. The washing machine can still be used but with reduced functionality. |
| i Check dosage   | Excessive foam has built up during washing.  
  - Use less detergent next time, and follow the manufacturer’s recommended dosage amounts on the packaging. |
| i Hygiene info   | A programme using a temperature above 60 °C has not been run for a long time.  
  - In order to prevent bacteria and unpleasant odours building up in the machine, run the Cottons 75 °C programme using Miele machine cleaner or powder detergent. |

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

General problems with the washing machine

<table>
<thead>
<tr>
<th>Issue</th>
<th>Cause and remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>The machine shakes during the spin cycle.</td>
<td>The machine feet are not level.  ■ Level the machine and adjust the feet correctly.</td>
</tr>
<tr>
<td>The laundry has not been spun properly and is still wet.</td>
<td>The machine detected an imbalance during the final spin cycle and reduced the spin speed automatically.  ■ Include both large and small items in the load as this will give better distribution during spinning.</td>
</tr>
<tr>
<td>Strange pump noises can be heard.</td>
<td>This is not a fault.  ■ These slurping noises occur at the end of the pump sequence as a normal part of operation.</td>
</tr>
<tr>
<td>Large amounts of detergent residue remain in the detergent dispenser drawer.</td>
<td>The water pressure is too low.  ■ Clean the water inlet filter.  ■ It may be useful to select the Water plus option.  ■ 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.</td>
</tr>
<tr>
<td>Fabric conditioner is not completely dispensed or too much water remains in the compartment.</td>
<td>The siphon tube is not correctly positioned or is clogged.  ■ Clean the siphon, see &quot;Cleaning and care - Cleaning the detergent dispenser drawer&quot;.</td>
</tr>
<tr>
<td>At the end of the programme there is still liquid in the capsule.</td>
<td>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.</td>
</tr>
</tbody>
</table>
## General problems with the washing machine

<table>
<thead>
<tr>
<th>Issue</th>
<th>Cause and remedy</th>
</tr>
</thead>
</table>
| There is water next to the capsule in the fabric conditioner compartment. | The *Cap* sensor was not activated or an empty capsule was not removed at the end of the last programme.  
  - Make sure that you remember to activate the *Cap* sensor the next time you insert a capsule.  
  - Remove and then dispose of the empty capsule at the end of each programme.  
  - The small pipe in the detergent dispenser drawer onto which the capsule is placed is blocked.  
  - Clean the small pipe.                                                                                                                                 |
| The washing machine smells.                                         | Hygiene info was ignored. A wash programme using a temperature above 60 °C has not been run for a long time.  
  - In order to prevent bacteria and unpleasant odours building up in the washing machine, run the *Cottons 75 °C* programme using Miele machine cleaner or a universal powder detergent.  
  - The door and the detergent dispenser drawer were left open after washing.  
  - Leave the door and the detergent dispenser drawer slightly open to allow them to dry.                                                  |
| The display is in a different language.                             | A different language has been selected in "Settings, Language".  
  - Set the language you want. The flag symbol will guide you.                                                                                                                                          |
| The display is dark.                                                 | The display has switched off automatically to save energy (Standby mode).  
  - Press a button. Standby comes to an end.                                                                                                                                                    |
## Problem solving guide

### An unsatisfactory wash result

<table>
<thead>
<tr>
<th>Issue</th>
<th>Cause and remedy</th>
</tr>
</thead>
</table>
| **Liquid detergent does not give the required result.**             | - Liquid detergents usually contain no bleaching agents. They do not remove fruit, coffee and tea stains.  
  - Use a general purpose powder detergent containing a bleaching agent.  
  - Use the appropriate capsule or add stain removers to the **II** compartment.  
  - Never put stain removers and liquid detergent together in the dispenser drawer. |
| **Grey, greasy particles cling to washed laundry.**                 | - Insufficient amounts of detergent were used to break down the particles of grease in heavily soiled laundry.  
  - Use more detergent.  
  - Before washing the next load, run the *Maintenance wash* using Miele machine cleaner or a powder detergent. |
| **White residues which look like powder detergent are seen on dark textiles after washing.** | - The detergent contained compounds (zeolites) to aid water softening which are not soluble in water. These have ended up on the laundry.  
  - Try and brush off the residues with a soft brush once the laundry is dry.  
  - Wash dark textiles using a detergent which contains no zeolites. Liquid detergents usually contain no zeolites.  
  - Use the *Dark garments / Denim* programme for dark coloured laundry. |
## The door will not open

<table>
<thead>
<tr>
<th>Issue</th>
<th>Cause and remedy</th>
</tr>
</thead>
</table>
| The door cannot be pulled open during a programme.                   | - Press the Start/Stop button.  
- Use the \( \checkmark \) sensor to select Cancel programme or Add laundry.  
The door will unlock and you will be able to pull it open.  
- There is still water in the drum and the machine is unable to drain.  
  - Clean the drain filter and the drain pump as described in "Opening the door in the event of a blocked drain outlet and/or power failure".  
- The water level in the drum is too high.  
  - Cancel the programme. The water will be pumped away. |
| Comfort cooling appears in the display after a programme has been cancelled. | For safety reasons the drum door cannot be opened if the suds temperature is higher than 55 °C.  
  - Wait until the temperature in the drum has decreased and the message has gone out in the display. |
| The following appears in the display: \( \blacktriangleleft \) Service Door release | The door lock has jammed.  
- Call your Miele dealer. |
Problem solving guide

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

- Switch off the washing machine.

- Open the drain pump access panel.

**Blocked drain outlet**

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

⚠️ If laundry has been washed at a high temperature, water draining out of the machine will still be hot. Danger of scalding! Take care when draining the machine.

**Procedure for draining the washing machine**

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

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

- Slowly and carefully unscrew the filter to let the water 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 washing machine base and activate the water protection float switch. This will prevent the washing machine from functioning.

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

Once the flow of water ceases:
Problem solving guide

Remove the drain filter completely.

Clean it 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.

Replace the drain filter correctly and tighten it securely.

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

Opening the door

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

Use a screwdriver to unlock the door.

Pull open the door.
After sales service

Repairs
In the event of any faults which you cannot remedy yourself, please contact your Miele dealer (Contact details for your Miele dealer are given at the end of this booklet).

When contacting your Miele dealer, 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 door is open.

N.B. A call-out charge will be applied for service visits where the problem could have been resolved as described in these instructions.

Guarantee
For information on the appliance guarantee specific to your country please contact your Miele dealer. See end of this booklet for contact details.

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

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

Front view

1. Inlet hose (tested to withstand pressure of at least 7,000 kPa)
2. Electrical supply cable
3. Flexible drain hose (with detachable swivel elbow)
4. Control panel
5. Detergent dispenser drawer
6. Door
7. Access to drain filter, drain pump and emergency release
8. Four height adjustable feet
Installation and connection

Rear view

1. Drain hose
2. Transport clips for electrical supply cable, inlet and drain hoses
3. Electrical supply cable
4. Protruding lid for holding when moving the machine
5. Inlet hose (tested to withstand pressure of at least 7,000 kPa)
6. Safety caps for transit bars
7. Transport clips for inlet and drain hoses and for storing transit bars when not in use
Installation and connection

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

Please note:

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

If installing on a wooden joist floor:

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

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

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

Transporting the washing machine to its installation site

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

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

Removing the transit bars

To remove the left and right covers
1. Pull on the attached stopper,
2. then use a screwdriver to release the catches at the top and bottom.
Using the spanner supplied, turn the left-hand transit bar 90°, then pull the transit bar out.

Turn the right-hand transit bar 90°, then pull the transit bar out.
To avoid the risk of injury, the holes for the transit bars must be covered after the transit bars have been removed.

Plug the holes with the plastic caps as illustrated.

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

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

Re-fitting the transit bars
Re-fitting is carried out by reversing the procedure.
Levelling the machine

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

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

Screwing out and adjusting the feet

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

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

2. Use a spirit level to check that the washing machine is standing level.

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

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

Building under a continuous worktop/ in a kitchen run

Building under kits* must only be installed/dismantled by a suitably qualified fitter in accordance with the instructions supplied.

- A special **building under kit** with a cover plate to replace the machine lid is required. It must be fitted by a suitably qualified fitter to ensure electrical safety. N.B. If there is space to push the washing machine under the worktop without removing the lid, the building under kit is not necessary. Otherwise it is essential.

- Connections for electricity, water and drainage should be installed in such a way that they remain accessible when the machine is in its final position.

Fitting instructions are supplied with the conversion kit.

Washer-dryer stack

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

All parts marked* are available from your Miele dealer.

Please note:

![diagram of washer-dryer stack]

- **a** = at least 2 cm
- **b** = WTV without drawer: 172 cm
  WTV with drawer: 181 cm
- **c** = 64 cm
Installation and connection

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

The system consists of three main components:

– the inlet hose
– the electronic unit and drainage and overflow protection
– the drain hose

Inlet hose
– Protection against bursting

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

Electronic unit and washing machine housing

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

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

Drain hose
The drain hose is protected by a ventilation system which prevents the washing machine from being emptied completely.
Connection to the water supply

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

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

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

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

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

Maintenance

Only use a genuine Miele hose should you ever need a replacement or extension. These are tested to withstand pressure of at least 7,000 kPa.

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

Extension hose

Longer hoses 2.5 or 4.0 m in length are available from your Miele dealer as optional extras.
Installation and connection

Connection to the drainage system

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

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

Drain hose connection:

1. Direct into a sink or basin.
   - Please note the following:
     - Hook the hose over the edge and secure.
     - 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 non-return valve.

3. Connected securely to a floor gully.
4. Connected securely to a standpipe.

Please note:

1. Adapter
2. Nut
3. Hose clip
4. End of the hose

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

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

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

The appliance is supplied with a mains cable with moulded plug for connection. Please ensure the connection data (voltage and frequency) quoted on the data plate match the household mains supply. Please consult a qualified electrician if you are in any doubt.

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

For extra safety it is advisable to operate the appliance via a suitable residual current device (RCD). Contact a qualified electrician for advice.

Do not connect the appliance to the mains electricity supply by a multisocket adapter or an extension lead. These are a fire hazard and do not guarantee the required safety of the appliance.

If the connection cable is faulty, it may only be replaced by a qualified electrician in order to avoid a hazard.

**Non-rewireable plugs BS 1363**

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

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

**WARNING: THIS APPLIANCE MUST BE EARTHED**
## Consumption data

<table>
<thead>
<tr>
<th></th>
<th>Load</th>
<th>Energy</th>
<th>Water</th>
<th>Duration</th>
<th>Residual moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>kg</td>
<td>kWh</td>
<td>Litres</td>
<td>h:min</td>
<td>%</td>
</tr>
<tr>
<td><strong>Cottons</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>90 °C</td>
<td>8.0</td>
<td>2.30</td>
<td>58</td>
<td>2:29</td>
<td>50</td>
</tr>
<tr>
<td>60 °C</td>
<td>8.0</td>
<td>1.35</td>
<td>58</td>
<td>2:29</td>
<td>50</td>
</tr>
<tr>
<td>60 °C</td>
<td>4.0</td>
<td>1.15</td>
<td>49</td>
<td>2:19</td>
<td>50</td>
</tr>
<tr>
<td>&lt;60°C*</td>
<td>8.0</td>
<td>0.92</td>
<td>48</td>
<td>2:59</td>
<td>44</td>
</tr>
<tr>
<td>&lt;60°C*</td>
<td>4.0</td>
<td>0.80</td>
<td>46</td>
<td>2:59</td>
<td>44</td>
</tr>
<tr>
<td>40 °C</td>
<td>8.0</td>
<td>0.98</td>
<td>72</td>
<td>2:39</td>
<td>46</td>
</tr>
<tr>
<td>&lt;40°C*</td>
<td>4.0</td>
<td>0.60</td>
<td>39</td>
<td>2:59</td>
<td>44</td>
</tr>
<tr>
<td>20 °C</td>
<td>8.0</td>
<td>0.42</td>
<td>72</td>
<td>2:39</td>
<td>46</td>
</tr>
<tr>
<td><strong>Minimum iron</strong></td>
<td>30 °C</td>
<td>4.0</td>
<td>0.40</td>
<td>52</td>
<td>1:59</td>
</tr>
<tr>
<td><strong>Delicates</strong></td>
<td>30 °C</td>
<td>3.0</td>
<td>0.40</td>
<td>40</td>
<td>1:09</td>
</tr>
<tr>
<td><strong>Woollens</strong></td>
<td>30 °C</td>
<td>2.0</td>
<td>0.23</td>
<td>35</td>
<td>0:38</td>
</tr>
<tr>
<td><strong>Express 20</strong></td>
<td>40 °C</td>
<td>3.5</td>
<td>0.34</td>
<td>30</td>
<td>0:20</td>
</tr>
<tr>
<td><strong>Shirts</strong></td>
<td>60 °C</td>
<td>2.0</td>
<td>0.77</td>
<td>40</td>
<td>1:31</td>
</tr>
</tbody>
</table>

Consumption data can vary from the nominal values given depending on water pressure, water hardness, water inlet temperature, room temperature, type and volume of load, fluctuations in the electricity supply and any options selected.
<table>
<thead>
<tr>
<th><strong>Technical data</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>850 mm</td>
</tr>
<tr>
<td>Width</td>
<td>596 mm</td>
</tr>
<tr>
<td>Depth</td>
<td>636 mm</td>
</tr>
<tr>
<td>Depth with door open</td>
<td>1054 mm</td>
</tr>
<tr>
<td>Height for building under</td>
<td>820 (+8/-2) mm</td>
</tr>
<tr>
<td>Width for building under</td>
<td>600 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 100 kg</td>
</tr>
<tr>
<td>Capacity</td>
<td>8 kg dry laundry</td>
</tr>
<tr>
<td>Voltage</td>
<td>See data plate</td>
</tr>
<tr>
<td>Connected load</td>
<td>See data plate</td>
</tr>
<tr>
<td>Fuse rating</td>
<td>See data plate</td>
</tr>
<tr>
<td>Consumption data</td>
<td>See &quot;Consumption data&quot;</td>
</tr>
<tr>
<td>Minimum flow pressure</td>
<td>100 kPa</td>
</tr>
<tr>
<td>Maximum flow pressure</td>
<td>1000 kPa</td>
</tr>
<tr>
<td>Inlet hose length</td>
<td>1.60 m</td>
</tr>
<tr>
<td>Drain hose length</td>
<td>1.50 m</td>
</tr>
<tr>
<td>Mains connection cable length</td>
<td>2.00 m</td>
</tr>
<tr>
<td>Delivery head max.</td>
<td>1.00 m</td>
</tr>
<tr>
<td>Maximum drainage length</td>
<td>5.00 m</td>
</tr>
<tr>
<td>LEDs</td>
<td>Class 1</td>
</tr>
<tr>
<td>Test certificates awarded</td>
<td>See data plate</td>
</tr>
<tr>
<td>Power consumption when switched off</td>
<td>0.1 W</td>
</tr>
<tr>
<td>Power consumption when not switched off</td>
<td>3.0 W</td>
</tr>
</tbody>
</table>
You can use the settings menu to alter the machine's electronics to suit changing requirements. Settings can be altered at any time.

**To access Settings**

Before you begin, ensure that:
- The washing machine is switched on.
- The standard display is showing.

Touch the \( \uparrow \) and \( \downarrow \) sensors at the same time.

You are now in the Settings menu.

**Changing a setting**

- Touching the \( \uparrow \) sensor will call up the different options for the setting.

  The option which is selected will have a tick \( \checkmark \) next to it.

- When the option you want shows in the display touch the OK sensor to activate it.

**Exiting a setting**

- Touch the \( \uparrow \) or \( \downarrow \) sensor repeatedly until Back \( \Rightarrow \) 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 acts as a guide to prevent a language which will not be understood from being set.

The selected language will be stored in memory.

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: Off

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.

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

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

The keypad tone is set to mid-volume ex-works.
**Settings**

**Code**

| The code prevents the washing machine 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 washing machine on. Otherwise the washing machine cannot be operated.

- **Deactivate**
  - For using the washing machine without entering the code. This only appears if the code has been activated previously.

- **Change**
  - You can enter a code of your own.

**Important. Make a note of your new code. If you forget the code, the washing machine will need to be unlocked by your Miele dealer.**

**Display brightness**

| There are seven different display brightness settings. |

**Dark display**

| To save energy, the display will go out and the Start/Stop button will flash slowly. |

**Options**

- **On**
  - The display will go out after 10 minutes.

- **On (not in current programme)**
  - 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.

**Temperature unit**

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

**Factory default setting: Celsius (°C).**
Machine switch-off

The washing machine will switch off automatically after the end of the programme/anti-crease phase or after being switched on if no further selection is made.

Options

- **15 minutes** (Factory default setting)
  The washing machine will switch itself off after 15 minutes.

- **20 minutes**
  The washing machine will switch itself off after 20 minutes.

- **30 minutes**
  The washing machine will switch itself off after 30 minutes.

Display maximum load

After a programme is selected the maximum load appears in the display for a short time.

You can choose whether the maximum loading capacity is displayed or not.

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: the *Display programme name* setting is switched off.
Memory

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

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

Factory default setting: the Memory function is switched off.

Pre-wash Cottons

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

Options
- **No increase** (Factory default setting)
  - 25 minute pre-wash
- **+6 min**
  - 31 minute pre-wash
- **+9 min**
  - 34 minute pre-wash
- **+12 min**
  - 37 minute pre-wash

Gentle action

Activating gentle action reduces the drum action and is suitable for washing slightly soiled items more gently.

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

Factory default setting: Gentle action is switched off.

Reduce temp.

The boiling point for water is lower at high altitudes. In order to avoid water boiling, Miele recommend activating the reduce temperature setting at altitudes of more than 2000 m above sea level. The maximum temperature is reduced to 80 °C even when a higher temperature is selected.

Factory default setting: the reduce temperature setting is switched off.
Water plus

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

Options

- Water +
  The water level is increased in the wash and rinse stages.

- Extra rinse
  An extra rinse is carried out.

- Water + and Extra rinse
  The water level is increased in the wash and rinse stages and an extra rinse is carried out.

Water plus level

The water level can be increased in 4 stages by activating the Water plus option.

Stages:

- Normal (Factory default setting)
- Plus 🔽
- Plus 🔽
- Plus 🔽
- Plus 🔽

Maximum rinse level

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

This function is useful for allergy sufferers as it achieves an excellent rinse result. Water consumption will increase.

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 temperature of 70 °C or higher is selected for the Cottons programme.

Suds cooling should be activated:

- to prevent the danger of scalding if the drain hose is hooked over the edge of a sink or basin.
- where drainage pipes do not comply with DIN 1986.

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

If the water pressure is less than 1 bar (100 kPa) the programme will be cancelled and the fault message Water intake See \[\text{ ]\} will appear.

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

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

**Anti-crease**

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

The drum continues to turn at intervals for up to 30 minutes at the end of the programme. The door can be opened at any time.

Factory default setting: anti-crease is switched on.
Optional accessories

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

These and many other useful products can be ordered from your Miele dealer (see end of this booklet for contact details).

Detergent

**UltraWhite**
- powder detergent
- suitable for white and light coloured laundry as well as heavily soiled cotton items
- effective stain removal even at low temperatures

**UltraColor**
- liquid detergent for coloureds
- suitable for coloured and dark/black garments
- protects bright colours from fading
- effective stain removal even at low temperatures

Wool and delicates detergent
- liquid detergent for delicates
- particularly suitable for woollen and silk garments
- cleans at temperatures as low as 20 °C, helps retain the shape of delicate garments and protect colours

Specialist detergents

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

**Outdoor**
- liquid detergent for outerwear and performance clothing
- cleans with care and is gentle on colours
- with lanolin to care for and condition membrane fabric

**Sport**
- liquid detergent for sportswear and fleece garments
- neutralises unpleasant odours
- retains the shape of the textiles
Optional accessories

**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
- with a special wheat protein conditioning formula
- helps prevent pilling
- gentle on colours
- only available as capsules

**SilkCare**
- liquid detergent for silks
- with a special silk protein conditioning formula
- gentle on colours
- only available as capsules

**Fabric care**
Fabric care agents are available as capsules in convenient single dose amounts or in a handy bottle.

**Proofing agent**
- for reproofing microfibre garments e.g. rain coats etc.
- retains the breathability of garments

**Fabric conditioner**
- fresh, natural fragrance
- makes laundry soft to handle

**Additives**

**Booster**
- for removing stains
- suitable for white and coloured laundry
- available as capsules in convenient single dose amounts

**Machine care products**

**Machine cleaner**
- for cleaning the washing machine thoroughly and effectively
- removes grease, bacteria and unpleasant odours

**Descaling agent**
- removes heavy limescale deposits
- mild and gentle with natural citric acid
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