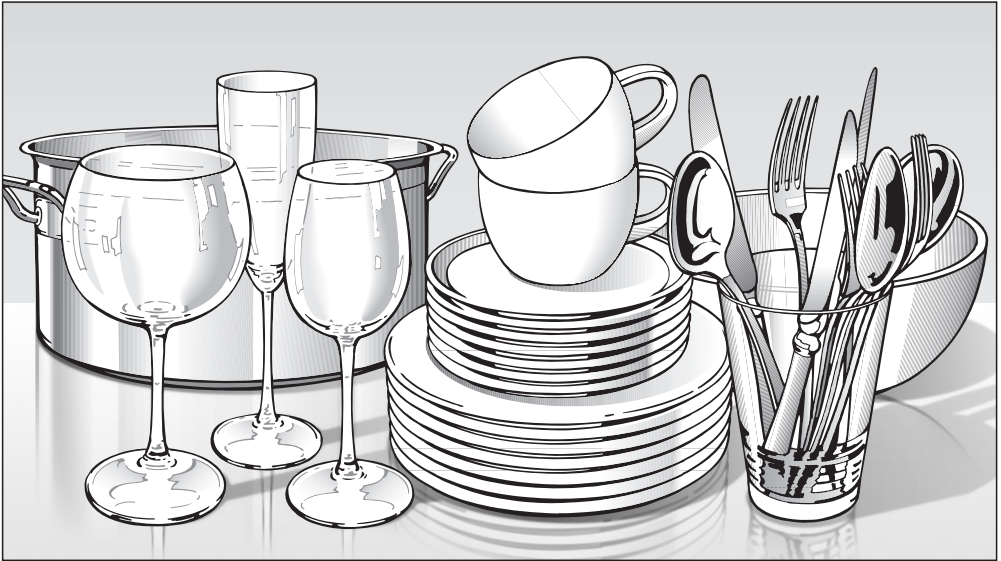



Operating instructions



Dishwasher PG 8132 SCi

en - AU, NZ

 It is **essential** to read these operating instructions before installing and using the appliance. This will prevent both personal injury and damage to the machine.


M.-Nr. 10 919 030

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Notes about these instructions

Important warnings

 Information which is important for safety is highlighted in a thick framed box with a warning symbol. This alerts you to the potential danger of injury to people or damage to property.
Read these warning notes carefully and observe the procedural instructions and codes of practice they describe.

Notes

Notes contain information that is particularly important to follow.
They are highlighted by a thick framed box.

Additional information and comments

Additional information and comments are highlighted in a box framed with a single black line.

Operating steps

Instructions on how to operate the dishwasher are described step by step in a logical sequence.
Each step is introduced using a black square bullet point.

Example:

■ Select the desired setting and press the centre button to confirm.

Display

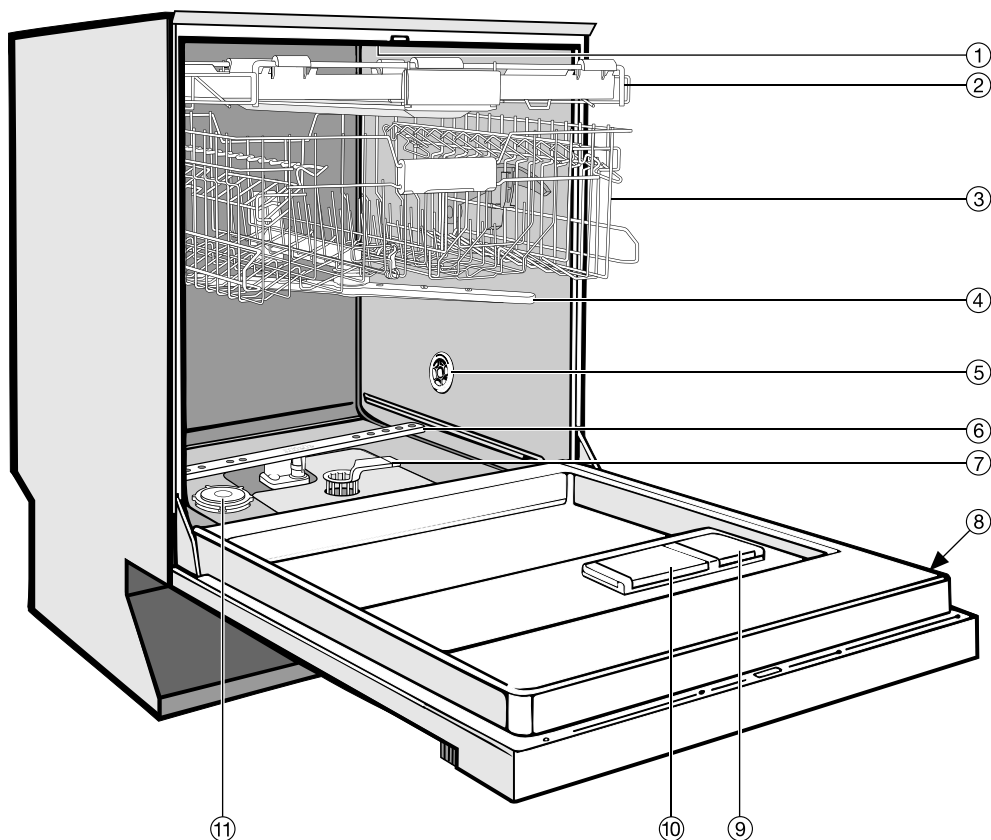
Information given via the display appears in a special display font.

Example:

When the message  Finished or AutoOpen is visible in the display

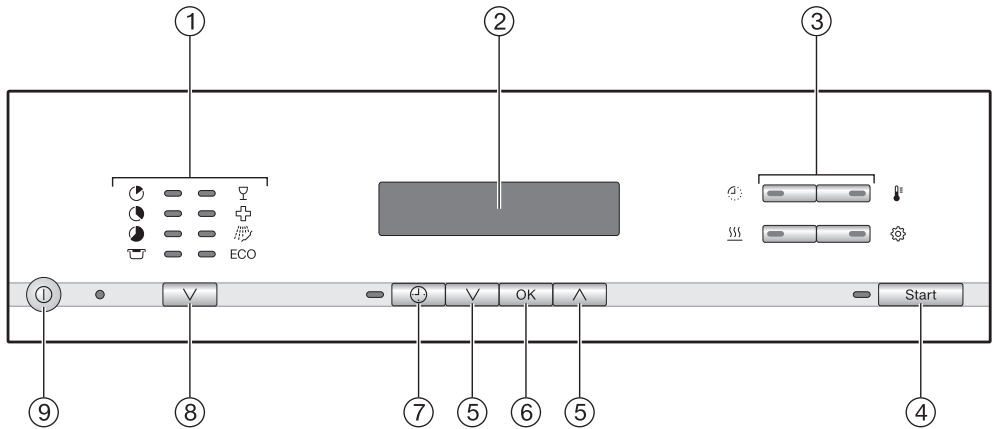
Guide to the machine

Overview



- | | |
|-------------------------------------|--|
| ① Upper spray arm (not visible) | ⑦ Filter combination |
| ② Cutlery tray (depending on model) | ⑧ Data plate |
| ③ Upper basket | ⑨ Rinse aid reservoir |
| ④ Middle spray arm | ⑩ Dual compartment detergent dispenser |
| ⑤ Air inlet for drying | ⑪ Salt reservoir |
| ⑥ Lower spray arm | |

Control panel



① Programme selection

② Display

③ Option buttons

④ *Start* button with indicator light

⑤ Arrow buttons V/^

⑥ *OK* button

⑦ ⌚ button (FlexiTimer) with indicator light

⑧ Programme selector button V

⑨ On/Off button ⏻

Guide to the machine

Display

General

The display is used to select or set the following:

- the programme
- the FlexiTimer (Delay start)
- the Settings menu

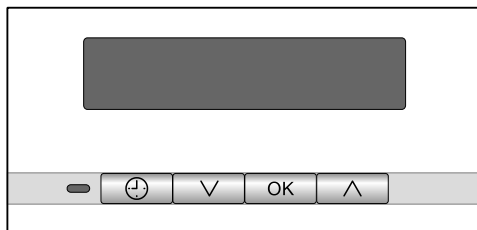
The display can show the following:

- the current time of day
- the programme stage
- the estimated time left for the programme to run
- any relevant fault messages and information

To save energy, the dishwasher switches off after a few minutes if you do not press any buttons during this time.

To switch the dishwasher back on again, press the ⏻ button.

Settings menu



The Settings menu is used to alter the dishwasher's electronics to suit different requirements. You access the Settings menu by pressing a specific button combination (see “Settings menu”).

The arrows in the display indicate further options. You can use the ∨∧ arrow buttons underneath the display, as appropriate, to select these further options.

The *OK* button is used to confirm a message or setting and also to move to the next menu or another level.

The option which is selected will have a tick ✓ next to it.

To exit a sub-menu, use the ∨∧ arrow buttons to select the *Back* ⏮ option in the display and confirm your selection with *OK*.

If you do not press any of the buttons for several seconds, the display will return to the previous menu level. You may need to enter your settings again.

This appliance complies with all current local and national safety requirements. Inappropriate use can, however, lead to personal injury and damage to property. Read the Operating instructions carefully before using the appliance for the first time. They contain important information on the safety, installation, use and maintenance of the appliance. You will prevent the risk of accidents and damage to the dishwasher. Keep these instructions in a safe place and pass them on to any future owner.

- ▶ It is suitable for use in domestic households and in similar residential environments, for example by customers in hotels, motels, bed and breakfasts and other related establishments.
- ▶ Glasses, cutlery and crockery are referred to generally as crockery when not more specifically defined.
- ▶ This dishwasher is not suitable for continuous operation.
- ▶ This dishwasher is not suitable for the reprocessing of medical products or devices.
- ▶ This dishwasher is designed exclusively for use as a “dishwasher” for cleaning crockery, glassware and cutlery as described in these instructions. Alterations or conversions to the dishwasher, or using it for purposes other than those for which it is designed, are not permitted and could be dangerous.
Miele cannot be held liable for damage resulting from incorrect or improper use or operation.
- ▶ This dishwasher is intended for stationary, indoor use only.
- ▶ The special inserts should only be used for their specific application.
- ▶ This dishwasher cannot be used by people with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they are supervised whilst using it or have been shown how to use it in a safe way and understand and recognise the consequences of incorrect operation.

Correct application

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

Correct installation

- Do not install this dishwasher in an area where there is a risk of explosion or freezing conditions.



- Be careful when installing the dishwasher. Wear protective gloves to avoid injury on any sharp metal components.

- To ensure the stability of built-under dishwashers, they must only be installed beneath a continuous worktop that is bolted to the adjacent cabinetry.
- In order to reduce the risk of damage from condensation, the furniture in the area around the dishwasher should be designed for commercial use.
- The door springs on either side need to be evenly adjusted. They are correctly adjusted if the half-opened door (approx. 45° door opening angle) remains in this position when it is released. The door must not fall down under its own weight. The dishwasher may only be used with correctly adjusted door springs.

Technical safety

- This dishwasher must only be installed, commissioned, repaired and maintained by Miele or a suitably qualified service technician. Installation, repairs and other work by unqualified persons could be dangerous and Miele will not be held liable.
- Before using the dishwasher, check it for any externally visible damage. Under no circumstances should you use a damaged appliance. A damaged appliance could be dangerous.
- In the event of a damaged or leaking dishwasher, switch off at the mains immediately and call Miele or a suitably qualified service technician.

Warning and Safety instructions

- ▶ 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 appliance.
- ▶ The electrical safety of this dishwasher can only be guaranteed when continuity is complete between it and an effective earthing system. If in any doubt, please have the electrical installation tested by a qualified electrician. Miele cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).
- ▶ Please follow the advice on installation in these instructions and the separate Installation diagram.
- ▶ Before connecting the dishwasher, ensure that the connection data on the data plate (voltage, frequency and fuse rating) match the mains electrical supply.
- ▶ There must be no electrical sockets behind the dishwasher. There is a danger of overheating and risk of fire if the dishwasher were to be pushed up against a plug. See “Electrical connection”.
- ▶ Do not connect the dishwasher to the mains electricity supply by a multi-socket unit or an extension lead. These do not guarantee the required safety of the appliance (e.g. danger of overheating).
- ▶ Never open the casing of the appliance. Tampering with electrical connections or components and mechanical parts is highly dangerous to the user and can cause operational faults.
- ▶ The dishwasher must not be used if the electrical connection cable is damaged. If the cable is damaged, it must be replaced with a special cable available from Miele. For safety reasons, the replacement must only be carried out by Miele or a qualified electrician.
- ▶ This dishwasher must be disconnected from the mains electricity supply before any maintenance or repair work is carried out.

Warning and Safety instructions

- ▶ The plastic housing of the water connection contains two electrical components. It must not be dipped in water.
- ▶ There are electrical wires in the water inlet hose. Do not cut the hose, even if it is too long.
- ▶ The integrated Waterproof system offers protection from water damage, provided the following conditions are met:
 - installation has been carried out correctly,
 - the dishwasher is properly maintained and parts are replaced where it can be seen that this is necessary,
 - the tap has been turned off during longer periods of inactivity (e.g. whilst on holiday).
 - Only use new hose set supplied with the appliance. Old hose sets should not be re-used.

The Waterproof system will work even when the dishwasher is switched off. However, the dishwasher must remain connected to the electricity supply.

- ▶ In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the appliance 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.

Warning and Safety instructions

Correct use

- ▶ This dishwasher is designed for operation with water and cleaning agents suitable for use in dishwashers only. Organic solvents and flammable liquid agents must not be used in it. This could cause an explosion, damage rubber or plastic components in the dishwasher and cause liquids to leak out of it.
- ▶ Only use cleaning agents which are suitable for use in a dishwasher. Unsuitable cleaning agents could adversely affect components of the dishwasher or the items being cleaned.
- ▶ Avoid leaving the door open unnecessarily as someone could trip over it and be injured by it.
- ▶ Do not sit, stand or lean on the opened door. The dishwasher may tip or be damaged.
- ▶ After any plumbing work the water pipework to the dishwasher will need to be vented. If this is not done, components can be damaged.
- ▶ Please be aware that the dishwasher may be operating at high temperatures. When the door is opened there is a danger of burning or scalding. Crockery, cutlery, baskets and inserts must be allowed to cool down before they are unloaded. Any water remaining in containers could still be very hot. Empty them into the wash cabinet before taking them out.
- ▶ The water in the wash cabinet must not be used as drinking water.
- ▶ Pre-treating items (for example with washing-up liquid and other cleaning agents) as well as some types of soiling and some cleaning agents can cause a build-up of foam in the wash cabinet. Foam can have an adverse effect on the cleaning result.
- ▶ Foam escaping from the wash cabinet can cause damage to the dishwasher. If foam escapes, the programme must be cancelled immediately and the machine must be disconnected from the mains electrical supply.

Warning and Safety instructions

- ▶ When using cleaning agents and specialised products, it is essential that the manufacturer's instructions are followed. Cleaning agents must only be used for the purpose they are designed for by the manufacturer to avoid any material damage or the occurrence of strong chemical reactions (e.g. oxyhydrogen explosion).
- ▶ Do not inhale or ingest powder cleaning agent. Do not swallow dishwasher cleaning agents. They can cause burning in the nose, mouth and throat. Seek medical attention immediately if cleaning agent has been swallowed or inhaled.
- ▶ Some dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed. Avoid contact with the skin and and keep children away from the dishwasher when the door is open. Check that the detergent receptacle is empty after completion of the wash cycle.
- ▶ Miele cannot be held liable for any effect chemical cleaning agents may have on the material of the items being cleaned. Observe the cleaning agent manufacturer's instructions with regard to storage conditions, use and dosage.
- ▶ To avoid material damage and corrosion, do not allow any acids or solutions containing chloride to get into the wash cabinet. Similarly avoid any ferrous materials with a corrosive effect.
- ▶ Do not wash items soiled with ash, sand, wax, lubricating grease or paint in the dishwasher. These materials will cause damage to the dishwasher.
- ▶ Do not hose the dishwasher or near vicinity down to clean it, e.g. with a hose or a pressure washer.
- ▶ The appliance must not be cleaned with a water jet.
- ▶ Ensure that the stainless steel outer casing of the appliance does not come into contact with solutions or steam containing acid to avoid any corrosion damage.

Warning and Safety instructions

- ▶ Be careful when sorting items with sharp pointed ends and positioning them in the dishwasher that you do not hurt yourself or create a danger for others. Knives and other utensils with sharp points must be loaded with the pointed end facing downwards or placed in a horizontal position.
- ▶ Remove any coarse food deposits and empty out any containers or utensils before loading them in the dishwasher.

Safety with children

- ▶ Children should be supervised in the vicinity of the dishwasher. Do not let children play with the dishwasher. There is a danger that children might shut themselves in the dishwasher.
- ▶ Young children must not be allowed to use this appliance.
- ▶ Older children may only operate the dishwasher unsupervised if they have been taught how to operate it safely. Children must be able to understand and recognise the possible dangers caused by incorrect operation.
- ▶ If the automatic door opening mechanism is active, keep young children away from the area in which the door opens. There is a danger of injury in the unlikely event of a fault with the opening mechanism.
- ▶ Keep children away from chemical agents. These contain irritant and corrosive ingredients which can cause burning in the mouth and throat, or inhibit breathing. Keep children away from the dishwasher when the door is open. There could still be residual process chemicals in the cabinet. Seek medical advice immediately if a child has swallowed or inhaled chemical agents.

Accessories

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

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

Caring for the environment

Disposal of the packing material

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

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

Disposing of your old appliance

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



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

Energy-saving dishwashing

This dishwasher is exceptionally economical in its use of water and electricity.

You can make the most of your appliance by following these tips:

- For most economical dishwashing, make full use of the baskets without overloading the dishwasher.
- Choose the programme to suit the type of crockery being washed and the degree of soiling.
- Select the ECO programme for energy-saving dishwashing. This programme is the most efficient in terms of its combined energy and water consumption at cleaning normally soiled crockery.
- Follow the detergent manufacturer's recommendations on detergent dosage.
- When using powder or liquid detergent you can use $\frac{1}{3}$ less detergent if baskets are only half full.

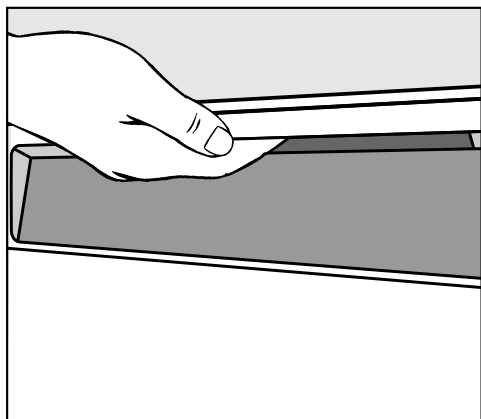
You can find further tips on energy-saving dishwashing in "Miele's guide to dishwashing".

Commissioning

Opening the door


At the end of programmes with a drying phase (see “Programme chart”), the door will open automatically a little in order to help the drying process.

This function can be deactivated, if preferred (see “Settings menu - AutoOpen”).




- To open the door, reach under the door grip and pull.
- Open the door fully so that the door catch rail retracts again.

If the door is opened during operation, all functions are automatically interrupted.

 Water in the dishwasher may be hot. Danger of scalding!

Only open the door during operation if absolutely necessary and exercise extreme caution when doing so.

 Keep the area around the door free of obstructions.

Closing the door

- Push the baskets right in.
- Then lift the door upwards and push until it clicks into position.

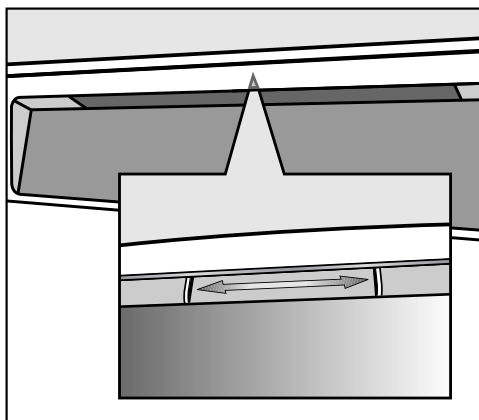


Danger of injury!

Do not put your hand inside the door as it is closing.

Safety lock

The child safety lock can be used to prevent children opening the dishwasher. The door can then only be opened by using a lot of force.



- To lock the door, push the slide underneath the door grip to the right.
- To unlock the door, push the slide to the left.

Basic settings

- Switch the dishwasher on with the ① button.

The welcome screen will appear when the dishwasher is switched on for the first time.

Language

The display will change automatically to the screen for setting the language.

- Use the \vee/\wedge arrow buttons to select the language you want and also the country, if appropriate, and confirm your selection with *OK*.

See “Display” for more information about the display and functions.

A tick \checkmark will appear next to the language that has been set.

Time of day

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

The current time of day must be set before you can use the “FlexiTimer” programme option.

You can also show the current date and time in the display.

- Use the \vee/\wedge arrow buttons to set the hour and confirm with *OK*.
- Then set the minutes and confirm with *OK*.

Keeping the \vee/\wedge arrow buttons pressed in will increase or decrease the time automatically.

The display will then change to the screen for setting the clock display.

- Select whether or not the time of day should appear in the display and confirm your selection with *OK*.
- If you have selected *Display On*, confirm the message about higher energy consumption with *OK*.

Commissioning

Water hardness

The display will change to the screen for setting the water hardness.

- The dishwasher must be programmed to the correct water hardness for your area.
- Your local water authority will be able to advise you of the water hardness level in your area.
- Where the water hardness fluctuates e.g. between 1.8 and 2.7 mmol/l (10 - 15 °d - German scale), always programme the dishwasher to the higher value (2.7 mmol/l or 15 °d in this example).

In the event of a fault, it will help the service technician if you know the hardness of your local water supply.

Enter the water hardness below:



_____mmol/l

The dishwasher is programmed at the factory for a water hardness level of 2.7 mmol/l (15 °d - German scale).

- Use the \vee/\wedge arrows to select the hardness of your water supply and confirm with *OK*.

See “Settings menu - Water hardness” for more information.

Finally, the information *Miele@home* enabled and *Set up finished* will appear in the display.

After confirming these prompts with *OK*, the messages  *Add salt* and  *Add rinse aid* may appear.

- Add salt and rinse aid if necessary (see “Commissioning - Dishwasher salt” and “Rinse aid”).
- Confirm the messages with *OK*.

The programme selected will appear briefly in the display and the relevant indicator light will come on. Finally, the display will show the estimated programme duration for the programme selected.

These basic settings will be saved in memory after the dishwasher has been through one complete programme.

Before using the appliance for the first time, you require:

- approx. 2 litres of water,
- approx. 2 kg dishwasher salt,
- detergent for dishwashers,
- rinse aid for dishwashers.

Suitable products are available from Miele.


Every dishwasher is tested at the factory. There will be residual water in the appliance from this test. It is not an indication that it has been used previously.


Dishwasher salt

In order to achieve good cleaning results, the dishwasher needs to operate with soft water. Hard water results in a build-up of calcium deposits on crockery and in the dishwasher. Mains water with a hardness level higher than 0.7 mmol/l (4 °d - German scale) needs to be softened. This takes place automatically in the integrated water softener. The water softener in the dishwasher is suitable for a water hardness level of up to 6.5 mmol/l (36 °d - German scale).

The water softener requires reactivation salt.

If the water in your area is very soft and constantly **lower than 0.9 mmol/l (5 °d - German scale)**, you do **not** have to add dishwasher salt. The prompt to add salt will be switched off automatically.

 Dishwasher detergent will damage the water softener. Do not fill the salt reservoir with powder or liquid detergent.

 Only use special coarse grained dishwasher salt for reactivation, or pure evaporated salt. Other salts (e.g. cooking salt, agricultural grade or gritting salt) may contain insoluble additives which can impair the functioning of the water softener.

Suitable products are available from Miele.

Commissioning

Filling the salt reservoir

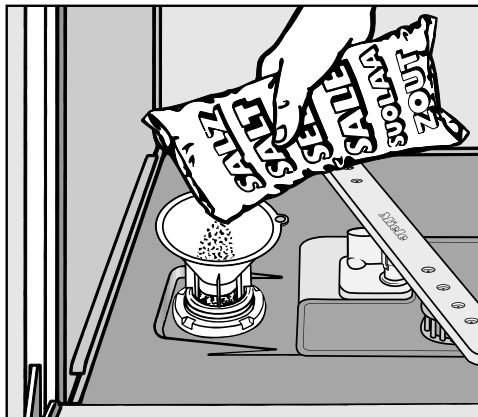
Before filling the salt reservoir with dishwasher salt for the first time, you must fill it with approx. 2 litres of water to enable the salt to dissolve. Once the dishwasher has been used, there is always sufficient water in the reservoir.


- Remove the lower basket and unscrew the salt reservoir cap.

Water or saline solution will run out of the reservoir when the cap is removed.


It should therefore only be removed in order to refill the salt reservoir.

- Fill the reservoir with approx. 2 litres of water (first use only).



- Place the funnel provided over the salt reservoir and carefully fill with dishwasher salt until the reservoir is full. The salt reservoir holds approx. 2 kg of salt depending on the brand used.
- Clean any excess salt from around the reservoir opening and then screw the cap on again firmly.
- Immediately after filling the salt reservoir, run the  Cold pre-wash programme without any crockery in the dishwasher to remove any traces of salt from the cabinet.


Add salt reminder

- Fill the salt reservoir with dishwasher salt for reactivation when  Add salt appears in the display (If it appears during a programme, wait until the end of the programme).
- Confirm with *OK*.

The refill reminder will go out.



Risk of corrosion!

Immediately after filling the salt reservoir, run the  Cold pre-wash programme without any crockery in the dishwasher to remove any traces of salt from the cabinet.

After the salt reservoir has been filled, the refill reminder may still appear in the display if the salt concentration has not yet reached the correct level. If this is the case, confirm again with *OK*.

The refill reminder will be switched off if you have programmed the dishwasher for a water hardness below 0.9 mmol/l (5 °d - German scale).


If you do not want the refill reminders to appear, you can switch off both refill reminders for salt and rinse aid if you wish (see “Settings menu - Switching off the refill reminders”).

Commissioning

Rinse aid

Rinse aid is necessary to ensure water does not cling to and leave marks on crockery during the drying phase and helps crockery dry faster after it has been washed.

Rinse aid is poured into the storage reservoir and the amount set is dispensed automatically.

 Fill the reservoir with rinse aid for domestic dishwashers only. Do not fill it with washing-up liquid or cleaning agent.

This would damage the rinse aid reservoir.

Suitable products are available from Miele.


Alternatively, you can use

- household vinegar with an acid level no higher than 5%

or

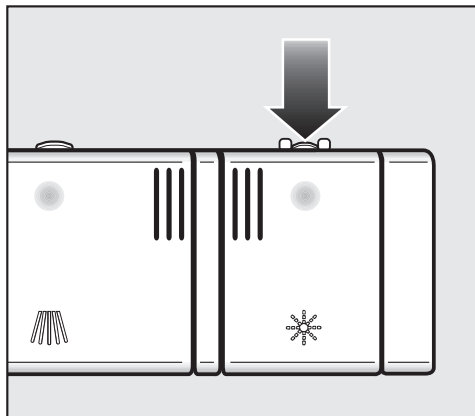
- 10% liquid citric acid.

The resulting rinsing and drying quality will not be as good as when rinse aid is used.

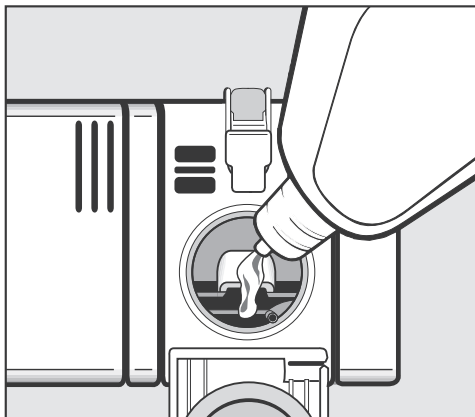
 Do not use vinegar with a high acidic level (e.g. vinegar concentrate 25%)

This may damage the dishwasher.

Adding rinse aid



- Press the button on the lid of the rinse aid reservoir in the direction of the arrow until the flap springs open.



- Add rinse aid only until it is visible in the opening.

The rinse aid reservoir holds approx. 110 ml.

- Close the flap firmly so that it clicks into place. Otherwise water can enter the rinse aid reservoir during a programme.
- Wipe up any spilled rinse aid. This prevents over-foaming occurring during the next programme.

You can adjust the rinse aid dosage for best results (see “Settings menu - Rinse aid”).

Add rinse aid reminder

When the ☼ Add rinse aid message appears in the display, the reservoir contains sufficient rinse aid for 2 - 3 programmes only.

- Add rinse aid in plenty of time.
- Confirm with OK.

The add rinse aid reminder disappears.


If you do not want the salt and rinse aid reminders to appear, you can switch off both refill reminders for salt and rinse aid if you wish (see “Settings menu - Switching off the refill reminders”).

Loading the dishwasher

Notes

Remove coarse food residues from crockery.

There is no need to rinse items under running water.

 Do not wash items soiled with ash, sand, wax, lubricating grease or paint in the dishwasher. Ash does not dissolve and is distributed in the wash cabinet. Wax, sand, lubricating grease and paint cause damage to the dishwasher.

Crockery can be loaded anywhere in the baskets, but the following notes should be observed:

- Do not place crockery and cutlery inside other pieces where they may be concealed.
 - Load the crockery so that water can access all surfaces. This ensures that they get properly cleaned.
 - Make sure that all items are securely positioned.
 - Hollow items such as cups, glasses, pans, etc. must be inverted in the basket.
 - Tall, narrow, hollow items, e.g. champagne glasses, should be placed in the centre of the basket to ensure better water coverage.
 - Wide based items should be placed at an angle so that water can run off them freely.
- The spray arms must not be blocked by items which are too tall or hang through the baskets. If in doubt, test for free movement by manually rotating the spray arms.
 - Make sure that small items cannot fall through the holders in the baskets.
Small items, e.g. lids, should therefore be placed in the cutlery tray or cutlery basket (depending on model).

Some foodstuffs may contain natural dyes, e.g. carrots, tomatoes or tomato sauce. Plastic items in the dishwasher may discolour if large quantities of these foodstuffs find their way into the dishwasher on the crockery. The stability of plastic items is not affected by this discolouration.
Cleaning silver cutlery in the dishwasher may also cause plastic items to discolour.


Items not suitable for dishwashers:

- Wooden cutlery and crockery or items with wooden parts: these may discolour and fade. The glue used in these items is not dishwasher-proof and wooden handles may come loose after being washed in a dishwasher.
- Craft items, antiques, valuable vases and decorative glassware are also not suitable for dishwashers.
- Plastic items which are not heat-resistant: the high temperatures in the dishwasher may cause them to melt or lose shape.
- Copper, brass, tin and aluminium items may discolour or become matt.
- Colours painted over a glaze may fade after a number of washes.
- Delicate glassware and glassware containing lead crystal: clouding may occur over time.

Please note

Silverware previously cleaned with a **silver polish** may still be damp or spotted at the end of a programme, where water has not run off smoothly. It may need to be rubbed dry with a soft cloth.

Silver which has been in contact with foods containing sulphur can discolour. These include egg yolk, onions, mayonnaise, mustard, pulses, fish, fish brine and marinades.

 Aluminium components (e.g. rangehood grease filters) must not be cleaned with caustic alkaline commercial or industrial cleaning agents.

These may damage the material, or in extreme cases, there is a risk of a severe explosive chemical reaction (such as an explosive oxyhydrogen gas reaction).

Useful tip: When purchasing new crockery and cutlery, make sure they are dishwasher-proof.

Glass care

- Clouding may occur on glasses after frequent washing. When washing delicate glassware in the dishwasher, ensure that only a special glass care programme with very low temperatures (see Programme chart) is selected. This will reduce the risk of clouding.
- Purchase glassware which is dishwasher-safe (e.g. Riedel glassware).
- Use detergents with glass protective additives.


Loading the dishwasher

FlexAssist

The yellow coded FlexAssist parts indicate which elements of the dishwasher baskets and cutlery tray are moveable. They also act as grips and have symbols embossed on them to show what the moveable parts are used for.


Upper basket

See “Loading the dishwasher - Loading examples” for examples of how to load crockery and cutlery.

 For safety reasons, do not operate the dishwasher without the upper and lower baskets in place.

- Use the upper basket for small, lightweight and delicate items such as cups, saucers, glasses, dessert bowls etc.
Shallow pans or casserole dishes can also be placed in the upper basket.
- Long items such as soup ladles, mixing spoons and long knives should be placed lying down across the front of the upper basket.

Cup rack

- Raise the cup rack upwards using the yellow lever  to make room for tall items.

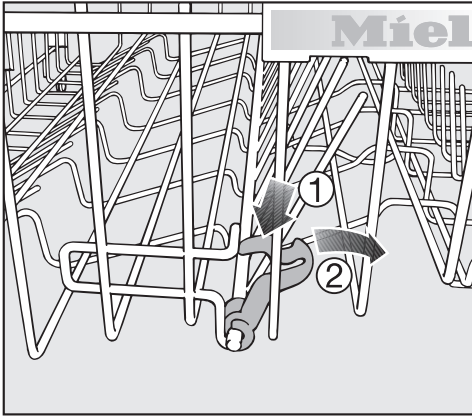
Glasses can be arranged along the cup rack for support during the programme.

- Lower the cup rack and lean the glasses against it.

Loading the dishwasher

Hinged spikes

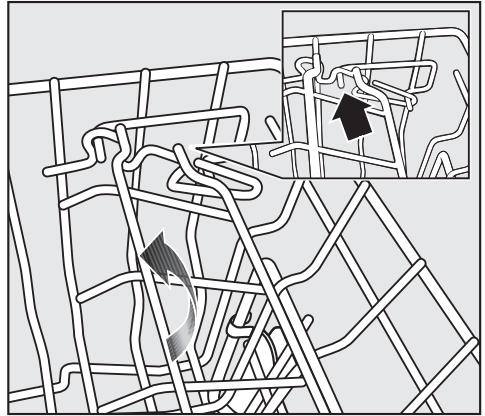
The rows of spikes can be lowered to make more room for larger items such as casserole dishes.



- Press the yellow lever downwards ① and then lower the spikes ②.

Jumbo cup rack (depending on model)

The cup rack can be set at two different widths so that it can also accommodate large cups.

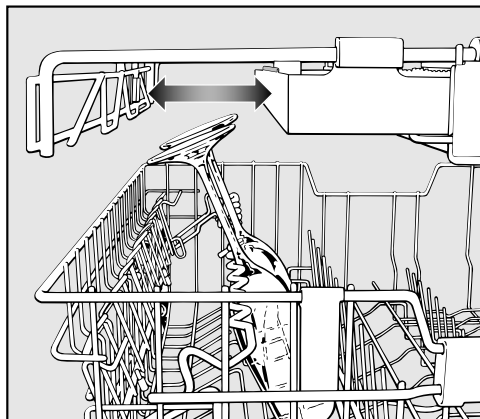



- Pull the cup rack upwards and click it back into position at the required width.

Loading the dishwasher

Glass rail

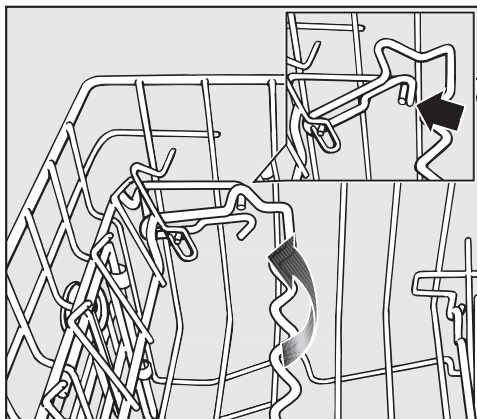
This rail is designed to hold glasses with long stems securely.



- Lower the rail with the yellow lever  and lean tall glasses against it.
- You can also move one of the side inserts in the cutlery tray to make more room for tall glasses (see “Cutlery - 3D+ cutlery tray”).

Adjusting the height

You can set the glass rail at two different heights.



- Pull the rail upwards and click it back into position at the required height.

Use the low setting for small glasses and tumblers.

Use the high setting for tall glasses and glasses with stems.

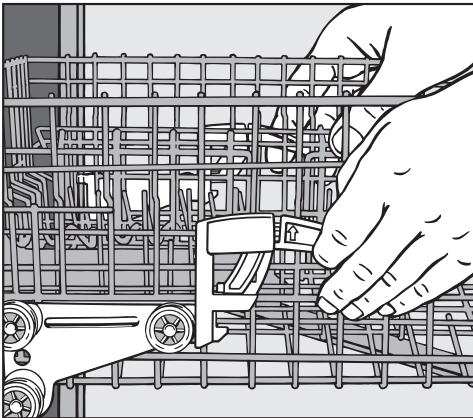
Loading the dishwasher

Adjusting the upper basket

In order to gain more space for taller pieces of crockery in the lower or upper basket, the upper basket can be adjusted on three levels with 2 cm between each level.

The upper basket can also be set at an angle with one side high and the other side low. This can be useful to help prevent water being left in deep dishes etc. Ensure, however, that the basket can be inserted smoothly into the cabinet. It is better to adjust the basket before loading it.

- Pull out the upper basket.



To raise the upper basket:

- Pull the basket up until it clicks into place.

To lower the upper basket:

- Pull upwards on the levers at either side of the upper basket.
- Adjust the basket to the desired height and then push the levers securely back down into position.

Depending on the setting of the upper basket, the following plate dimensions can be accommodated.

Dishwashers with cutlery tray

(see data plate for model number)

Upper basket level	Plate Ø in cm		
	Upper basket		Lower basket
	Stand-ard	XXL	
Top	15	19	31 (35*)
Middle	17	21	29
Bottom	19	23	27

* When tilted, plates of up to 35 cm can be accommodated (see “Lower basket”).

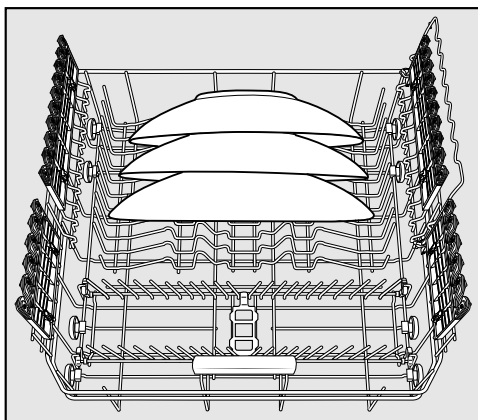
Loading the dishwasher

Lower basket

See “Loading the dishwasher - Loading examples” for examples of how to load crockery and cutlery.

- For larger and heavier items such as plates, serving platters, saucepans, bowls, etc.

Glasses, cups and small items such as saucers can also be placed in the lower basket. Do not place thin, delicate glassware in the lower basket.



- Place large platters and dishes in the centre of the lower basket.

When tilted, plates up to 35 cm in diameter can be accommodated.

Removable MultiComfort insert

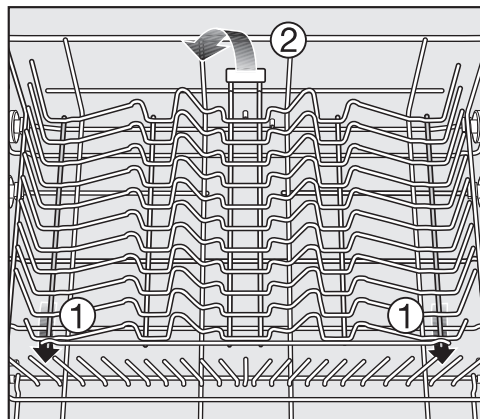
The rear section of the lower basket is used for washing cups, glasses, plates, pots and pans.

You can remove the MultiComfort insert to make more room for larger items such as pans and casserole dishes.

Removing the insert

- Pull the yellow handle forwards and remove the insert.

Refitting the insert



- Fit the insert into the lower basket with the hooks going under the long cross-piece ① as illustrated.
- Press down on the insert until it clicks into position ②.

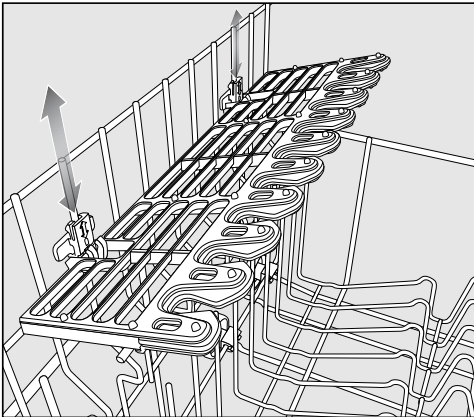
Loading the dishwasher

FlexCare glass holder

Silicone padding in the FlexCare glass holder provides a stable and secure hold for delicate stemware.

- Stem glassware, e.g. wine glasses or champagne flutes, can be leaned against the glass holder or suspended from it.
- The glass holder can be raised to make more room for tall items.

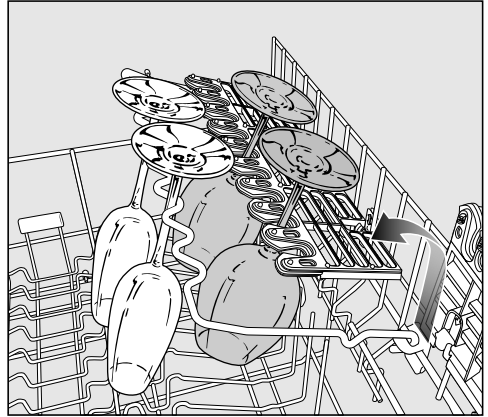
You can set the glass holder at two different heights.



- Slide the glass holder to the desired height until the catches click into place at the top or rest on the bottom.

Glass rail

This rail is designed to hold glasses with long stems securely.



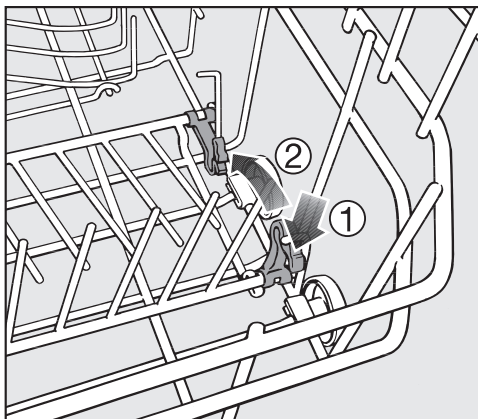
- Lower the rail and lean tall glasses against it.

Loading the dishwasher

Hinged spikes

The spikes at the front are used for washing plates, soup bowls, platters, dessert bowls and saucers.

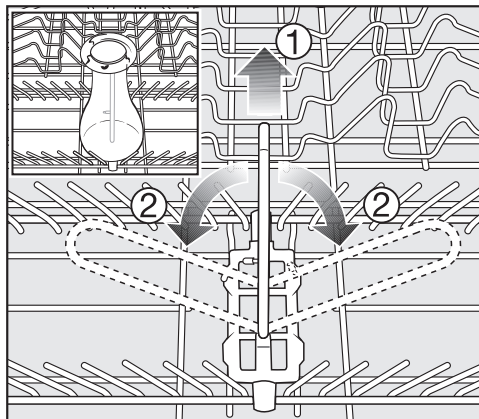
Both rows of spikes can be lowered to make more room for large items, e.g. pots, pans and dishes.



- Press the yellow lever downwards ①, and then lower the spikes ②.

Bottle holder

The bottle holder can be used to wash narrow items, e.g. milk and baby bottles.



- If the bottle holder is not needed, lift it up ① and fold the sides down ②, as illustrated.

Loading the dishwasher

Cutlery

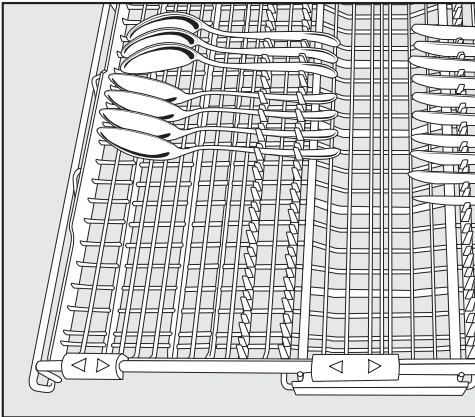
3D+ cutlery tray (depending on model)

See “Loading the dishwasher - Loading examples” for examples of how to load crockery and cutlery.

- Arrange the cutlery in the tray as shown.

To make unloading much easier, cutlery should be grouped in zones, one for knives, one for forks, one for spoons, etc.

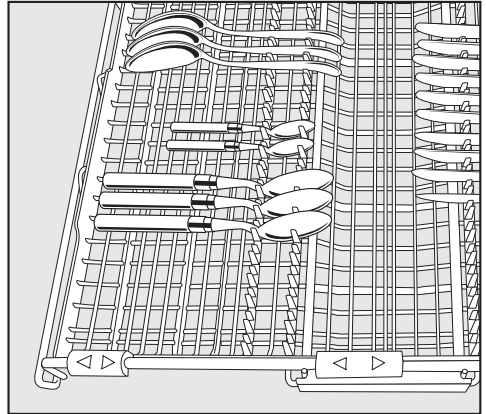
Spoon heads should be placed in contact with at least one of the serrated retainers on the base of the cutlery tray to ensure that water runs off them freely.



For optimum cleaning results, arrange spoons with the inner part facing the centre of the cutlery tray.

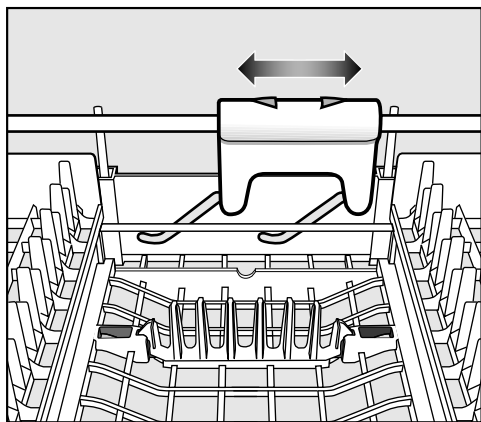
The upper spray arm must not be blocked by items which are too big (e.g. cake servers).

The side sections of the tray can be moved into the middle using the yellow grips in order to accommodate tall items of crockery in the upper basket (see also “Upper basket - glass rail”).



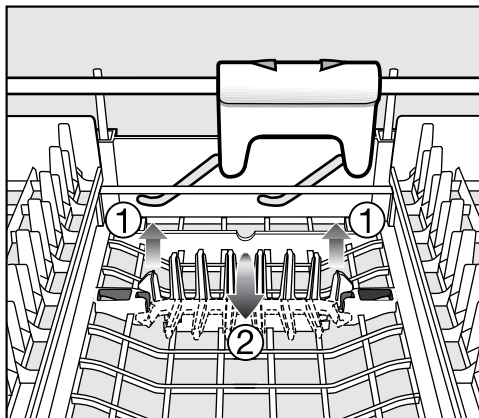
If spoon handles do not fit between the holders, then lay them the other way round.

Loading the dishwasher



You can use the yellow slide to adjust the height of the middle section of the cutlery tray to make more room for large items of cutlery, such as serving spoons and ladles.

Both rows of spikes in the middle section of the cutlery tray can be flipped over to make room for larger pieces of cutlery.

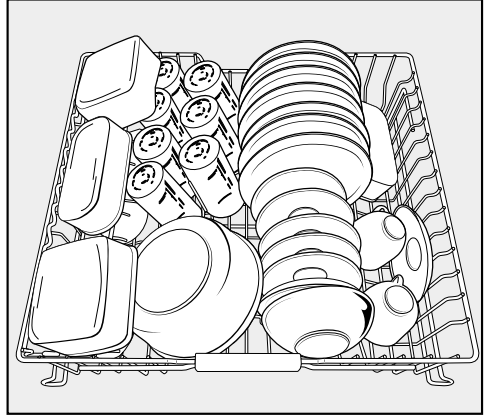
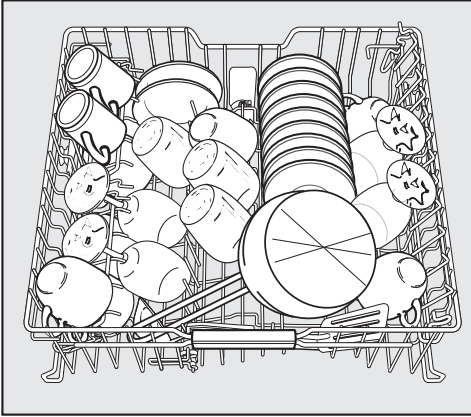


- Raise the spikes ① and then flip them over ②.

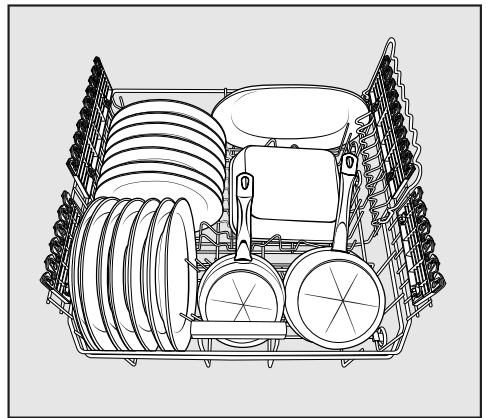
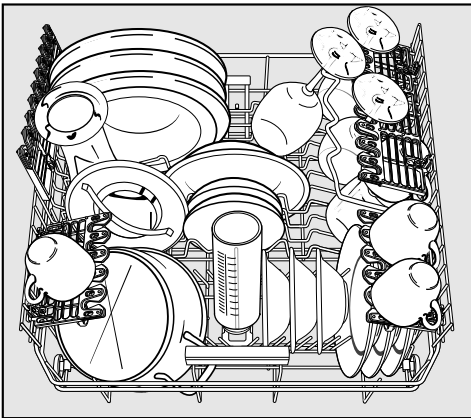
Loading examples

Dishwashers with cutlery tray

Upper basket

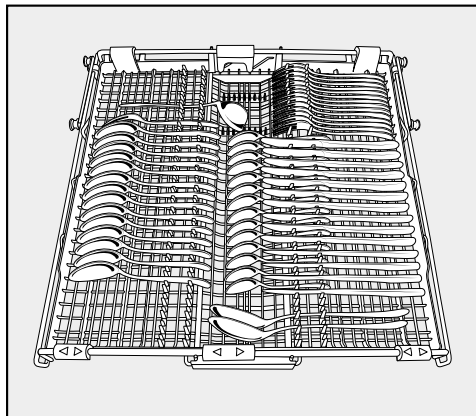
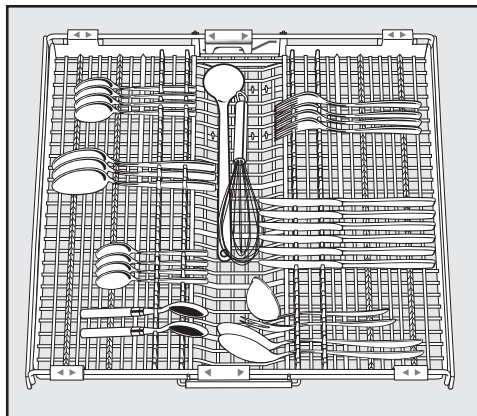


Lower basket

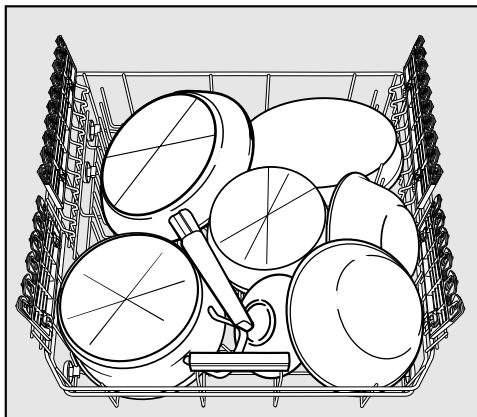


Loading the dishwasher


Cutlery tray



Heavily soiled crockery



XXL height with cutlery tray

Test standard:	AS/NZS 2007.1, AS/NZS 2007.2; AS/NZS 6400
Standard programme for energy label comparison tests:	ECO
Capacity:	 15 place settings
Detergent quantity:	25 g in compartment II
Rinse aid dispensing:	Setting 2

You can find information on adjusting the rinse aid dosage in the “Rinse aid” section of this booklet.

Upper basket level:

Position:	Bottom
Jumbo cup rack (if available):	Outer position

Loading examples

Pictures illustrating how to load the dishwasher are shown on the following pages.

Picture ①: Upper basket

Picture ②: Lower basket

Picture ③: Cutlery tray

Do not lower or remove the basket inserts.

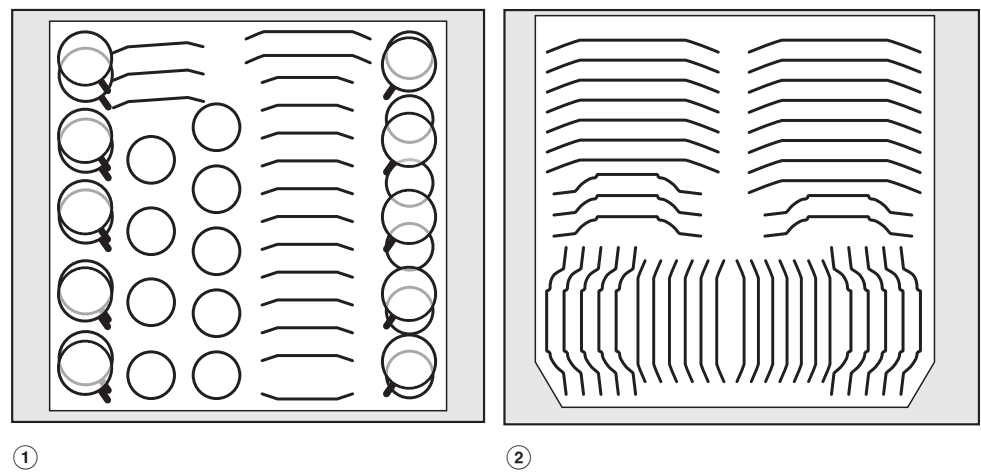
Remove the bottle holder from the lower basket
(if available).

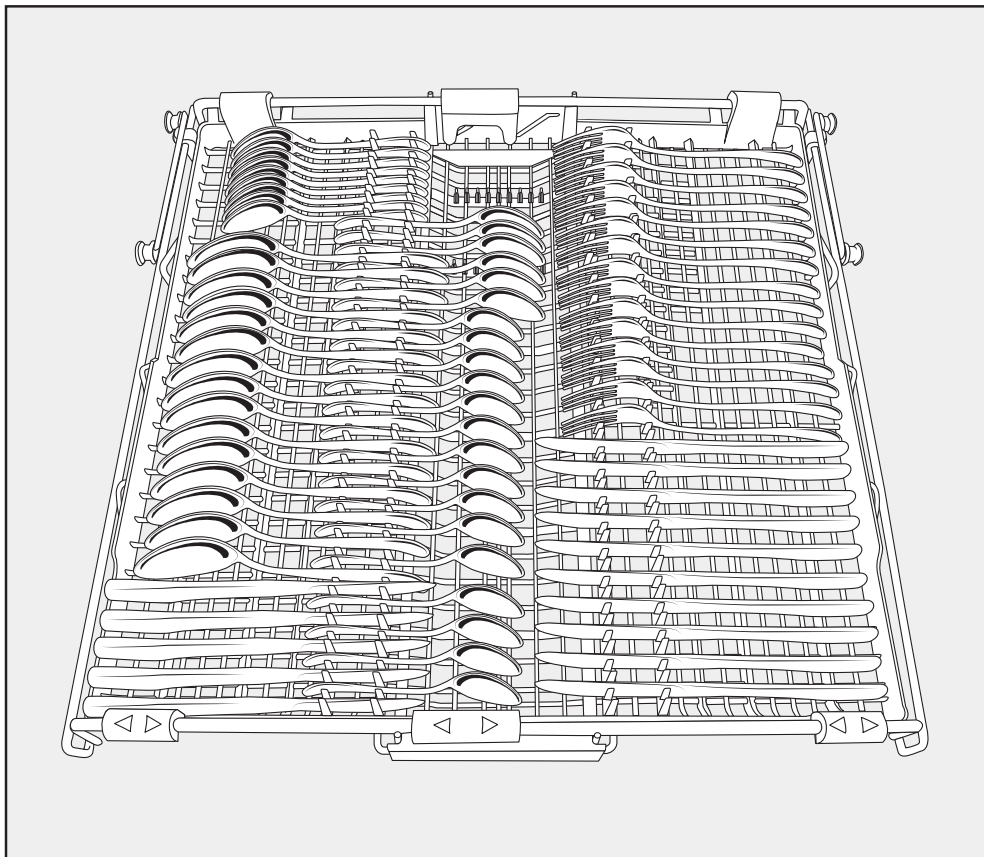
The door automatically opens during the drying phase.
Do not close the door until the drying test is finished.

Comparison tests

Capacity

15





③

Operation

Cleaning agent

Dispensing powder cleaning agent

Use powder cleaning agents or dishwasher tabs only in the door dispenser compartment. Suitable products are available from Miele.

Cleaning tabs can be used. Only use tabs that are quick dissolving. Suitable tabs are available from Miele.

- Add powder cleaning agent or cleaning tabs to the detergent compartment.

Detergent dosage

- Unless directed otherwise, use one detergent tab or add 20 to 25 g detergent to compartment II, depending on the level of soiling. With very heavy soiling you can also add a small amount of detergent to compartment I (see “Programme chart”).


Failure to dispense the recommended amount of detergent may impair cleaning results.

Liquid detergent

This dishwasher can be fitted with an external dispenser pump for liquid detergent (DOS module).

See “Settings menu - External dispensing” to activate the dispenser pump and set the cleaning agent dosage.

For special soiling or if using liquid detergent dispensed by a liquid detergent pump, contact Miele for advice on how to adapt the detergent dosage to the particular circumstances.

 Cleaning agents containing active chlorine must not be used. They can damage the elastomers and plastics of the dishwasher.

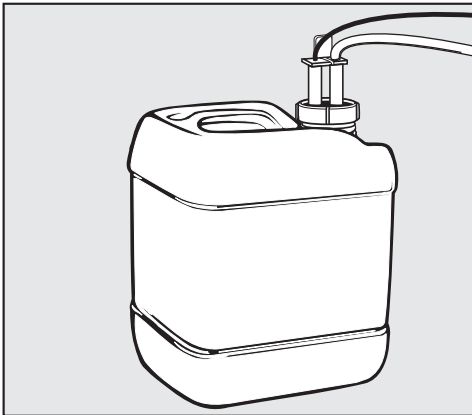
Refilling or changing containers

The DOS module is equipped with a level indicator which shows the message *Refill detergent* in the display when the level drops below the minimum.

- As soon as the message appears in the display, refill or replace the container with a full one at the end of the programme.
- Confirm the message shown with the *OK* button.

Replace the container in good time to prevent the dispensing system being emptied completely. An empty dispensing system must be vented before starting the next programme.

- Place the container on the open cabinet door or on a surface which is easy to clean.



- Unscrew and remove the siphon. Place the siphon on the open cabinet door.

- Replace the empty container with a full one.
- Push the siphon into the opening of the container and screw it on tightly. Observe the colour coding.
- Wipe up any spilled process chemical thoroughly.
- Place the container on the floor beside the dishwasher or in an adjacent cupboard. The container must be at the same level as the machine and not be placed on top of or above the machine.
- The DOS system must then be vented.

To vent the system and adjust the dosage amount, see “Settings menu - External dispensing”.

Checking consumption

Monitor the amount of process chemicals used by regularly checking the level in the container in order to detect any dispensing irregularities.

Operation

Changing detergent

If you want to change the cleaning agent, the dispensing system must first be rinsed with water in order to avoid a reaction due to the mixing of cleaning agents.

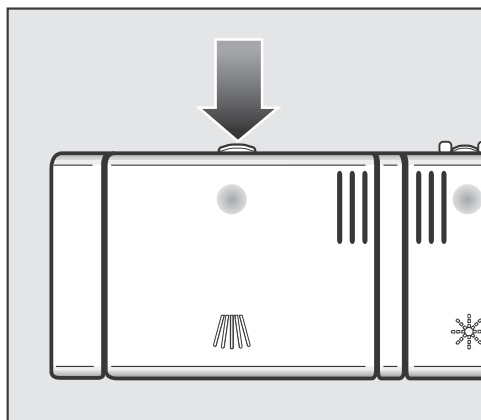
- Remove the siphon from the container and place it in another container filled with water.
- Start “Vent the dispenser” **twice** (see “Settings menu - External dispensing”) to rinse the dispensing system.
- Then place the siphon in the new container and start “Vent the dispenser” again.

The dispensing system is now ready to use.

Always follow the recommendations of the cleaning agent manufacturer whether using powder or liquid cleaning agent.

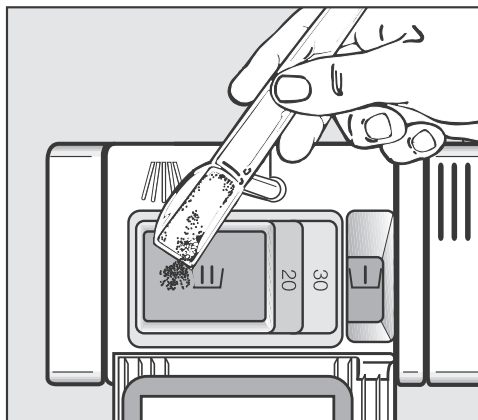
⚠ Do not inhale powder detergent. Do not swallow dishwasher cleaning agents. They can cause burning in the nose, mouth and throat. Seek medical attention immediately if cleaning agent has been swallowed or inhaled. Keep children away from cleaning agents. Keep children away from the dishwasher when the door is open. There could still be detergent residues in the cabinet. Only add detergent just before starting the programme and close the door, activating the safety lock.

Adding detergent



- Press the opening catch on the detergent dispenser. The flap will spring open.

The flap is always open at the end of a programme.



- Add the required amount of detergent to the compartments and close the flap.
- Make sure that the detergent packaging is properly closed after use to avoid it getting damp and clumping together.

Dosing information

Compartment I holds max. 10 ml, compartment II holds max. 50 ml.

There are marks in compartment II to assist with dispensing: 20, 30. The marks indicate a level of approx. 20 or 30 ml when the door is open in a horizontal position.

Operation

Switching on

- Make sure the spray arms are not obstructed.
- Close the door.
- Turn on the tap if it is turned off.
- Press the ① button for at least 2 seconds.

The programme selected will appear briefly in the display and the relevant indicator light will come on.

Finally, the display will show the estimated programme duration for the programme selected.

The *Start* indicator light will flash.

Switch the *Memory* function on (see “Settings menu - Memory”) if you want the last programme selected to remain selected instead of the *ECO* programme.

Selecting a programme

Choose your programme according to the type of load and how dirty it is.

The different programmes and their uses are described in the **Programme chart** later on in this booklet.

- Use the programme selector button
✓ to select the programme required.

The indicator light next to the selected programme will come on.

During the course of the programme you can use *OK* to display the name of the programme which is currently running.

You can now select programme options (see “Programme options”).

If any programme options are selected, the appropriate indicator lights will also light up.

Starting the programme

- Press the *Start* or *OK* button.

The programme will begin.





The *Start* indicator light will come on.

A programme should only be cancelled in the first few minutes, if at all. Otherwise important programme stages could be omitted.

Time display

The estimated duration of the programme selected appears in hours and minutes in the display before the programme begins. During the programme, the time left until the end of the programme is displayed.

Each programme stage is indicated by a symbol:

-  Pre-wash / Soak
-  Main wash
-  Interim rinse
-  Final rinse
-  Drying
-  Finish


The programme duration displayed may vary with the same programme. It is influenced by, among other things, the water temperature at each intake, the reactivation process of the water softener and the amount of crockery.

The times shown in the Programme chart refer to standard test loads and temperatures.

Each time a programme is run, the electronic unit calculates the programme duration required according to the temperature of the water taken into the dishwasher and the amount of crockery.

Energy management

To save energy, the dishwasher will switch off automatically a few minutes after the last time a button has been pressed or after the end of a programme.


- Press the  button to switch the dishwasher back on.

The dishwasher will not switch off automatically if the time of day display has been activated (see “Settings menu - Time of day”).

The dishwasher will not switch off whilst a programme or the FlexiTimer is running or if there is a fault.

Operation


At the end of the programme

The programme has finished when  Finished appears in the display and the door has opened slightly (if applicable).

The drying fan may continue to run for a few minutes at the end of the programme.

- Open the door fully so that the door catch rail retracts again.

You can now empty the dishwasher.

 If you have deactivated the automatic door opening function (see “Settings menu - AutoOpen”), but would still like to open the door at the end of the programme, then make sure that you open the door fully.

Otherwise steam from the dishwasher could damage the edge of the worktop because the fan is no longer running.

Switching off

At the end of a programme:

- The dishwasher can be switched off at any time using the ① button.

Switching the dishwasher off during a programme cancels the programme.

Switching the dishwasher off during the run-up to a Delay start time (FlexiTimer) will also stop the process.

If the dishwasher is not going to be used for a longer period of time, e.g. whilst on holiday, the tap should be turned off.

Unloading the dishwasher

Dishes tend to break and chip more easily when they are hot. Allow the dishes to cool until they are comfortable enough to handle before unloading them.

If you open the door fully after switching off, the dishes will cool much faster.


First unload the lower basket, then the upper basket and finally the cutlery tray (depending on model).

This will prevent water drops from the upper basket and cutlery tray from falling onto the dishes in the lower basket.

Interrupting a programme

A programme is interrupted as soon as the door is opened.

If the door is closed again, the programme will continue from the point it was at before the door was opened.

 Water in the dishwasher may be hot. Danger of scalding!

Only open the door if absolutely necessary and exercise extreme caution when doing so. Before closing the door again, leave it ajar for approx. 20 seconds. This will enable the temperature in the wash cabinet to settle. Then raise the door up and push until the catch engages.

Changing a programme

If the detergent dispenser flap has already opened, do not change the programme.

If a programme has already started and you wish to change it, proceed as follows:

- Switch the dishwasher off with the ① button.
- Switch the dishwasher on again with the ① button.
- Select the programme you want, and then start it.

Programme options

Options

You can select and deselect the options before starting the programme using the appropriate buttons and the display. The time remaining and temperature options can be changed during the programme.

- Switch the dishwasher on with the ① button.

The *Start* indicator light will flash.

- Select a programme.
- Press the button for the option you want.


The indicator light for the relevant button will come on if the option is available for the programme selected.


If the option is not compatible with the programme selected, a message to this effect will appear in the display.

- In this instance, confirm the message with *OK*.
- Press the *Start* button to start the programme.


The option selected will remain active for that particular programme until the setting is changed.


Countdown indicator

The Countdown indicator  option is selected as standard and displays the time remaining until the end of the programme.


You can also switch to the Temperature  while the programme is running.

Temperature

The Temperature  option shows the current temperature of the wash block.


You can also switch to the Countdown indicator  while the programme is running.

Extra drying

The Extra dry  option improves the drying performance in programmes in which this option is available.

Energy consumption is increased due to an extended fan running time and an increased final rinse temperature.

Settings


The Settings  option opens the menu to enable settings to be selected on the appliance and changes to be made to programme parameters.

See “Settings menu” for more information.

FlexiTimer with EcoStart

The FlexiTimer ⌚ gives you three ways of starting the programme by means of delaying the start. You can set the start time or the finish time of a programme. You also have the option of taking advantage of time variable economy rates of electricity using the EcoStart function.

When using the FlexiTimer, make sure that the detergent compartment is dry before adding detergent. Wipe dry with a cloth if necessary. If the compartment is wet, powder detergent can become lumpy and stick to the dispenser, with the result that it is not fully dispensed.

 To prevent children coming into contact with dishwasher detergent: Do not fill the detergent dispenser **until just before starting the programme**, i.e. before you activate the FlexiTimer with OK. Also activate the door safety lock.

- Switch the dishwasher on with the ⌚ button.

The *Start* indicator light will flash.

- Select the required programme.
- Press the ⌚ button.

You can use the ∨∧ arrow buttons to select the Start at, Finish at, EcoStart or Back ↩ function.

- Confirm selection of the function you want with OK.

The current time of day will appear and the hour number block will be highlighted.

You can now enter the time you want using the ∨∧ arrow buttons and confirm with OK.

If, while you are setting the time, you do not press any buttons for several seconds, the display will revert to the previous menu. You will then have to enter your settings again.

If the time of day (clock) display has been switched off (see “Settings menu - Time of day”), the display will go out after a few minutes and only the *Start* indicator light will flash slowly.

Press any button to switch the display back on again for a few minutes.

Programme options

Start at

With the *Start at* function, you set the exact time at which you want the programme to start.

- Use the \vee/\wedge arrow buttons to set the hour and confirm with *OK*.

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

- Use the \vee/\wedge arrow buttons to set the minutes and confirm with *OK*.

The saved start time for the programme selected will appear in the display. The *Start* indicator light will come on.

When the set time is reached, the programme selected will begin automatically.

The time remaining will appear in the display, the \oplus indicator will go out and the *Start* indicator light will come on.

Finish at

With the *Finish at* function, you set the latest time at which you wish the programme to end.

- Use the \vee/\wedge arrow buttons to set the hour and confirm with *OK*.

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

- Use the \vee/\wedge arrow buttons to set the minutes and confirm with *OK*.

The estimated start time for the programme selected will appear in the display.

The *Start* indicator light will come on.

A message will appear in the display if the programme cannot be completed by the set finish time because it has too long a running time.

The programme will start automatically when the estimated start time is reached.

The time remaining will appear in the display, the \oplus indicator will go out and the *Start* indicator light will come on.

EcoStart

The EcoStart function allows you to take advantage of time variable economy rates of electricity. Before you can use this option, you must set up to three electricity tariff time zones (see “Settings menu - EcoStart”).

You can then set the latest time, by which the programme selected should end.

The dishwasher will start automatically in the cheapest tariff zone within the time set.

- Use the \vee/\wedge arrow buttons to set the hour and confirm with **OK**.

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

- Use the \vee/\wedge arrow buttons to set the minutes and confirm with **OK**.

The estimated start time for the programme selected will appear in the display.

The \odot and *Start* indicator lights will light up.

The selected programme will start automatically during the most cost effective time zone. It will finish at the latest by the set finish time.

The time remaining will appear in the display, the \odot indicator will go out and the *Start* indicator light will come on.

Changing or deleting set times

You can change the set times or start the programme before the start time in the display is reached.








- Press the \odot button.
- Use the \vee/\wedge arrow buttons to select the setting you want to change and confirm with **OK**.
- Use the \vee/\wedge arrow buttons to select the **Change** or **Delete** function and confirm with **OK**.

After confirming the **Change** function, you can change the set time.

After confirming the **Delete** function, the programme duration will appear in the display and the programme will start.

The \odot indicator light goes out and the *Start* indicator lights up.

Programme chart

Programme	Use	Cleaning agent	
		The following dosages are based on Miele cleaning agents. Please follow manufacturer's instructions on dosage.	
		Compartment I 1)	Compartment II 1)
 Short	For fresh, non-sticky food residues.		20 - 25 g or 1 tab
 Medium	For moderately dried-on food residues.		20 - 25 g or 1 tab
 Intensive	For burnt-on, stubborn, dried-on food deposits containing starch or protein. ¹⁾	10 g	20 - 25 g or 1 tab
 Plastics	Special plastics programme.		20 - 25 g or 1 tab
 Glasses	Special glassware programme.		20 - 25 g or 1 tab
 Hygiene	Special hygiene programme for hygienically demanding crockery.		20 - 25 g or 1 tab
 Cold pre-wash	For rinsing heavily soiled items, e.g. for initial removal of soil or to prevent residues drying on to dishes when a complete programme does not yet need to be run.		
ECO	Energy saving programme for a normally soiled load.		20 - 25 g or 1 tab

*) This programme is the most efficient in terms of energy and water consumption for washing normally soiled crockery.
(Programme sequence can not be altered)

¹⁾ see "Operation - Cleaning agent"

Programme chart

Programme sequence							
Pre-wash	Main wash	Interim rinse I	Interim rinse II ²⁾	Final rinse	Drying	Extra drying	AutoOpen
	X 70 °C 30 s	X 10 s	(X)	X 65 °C ³⁾ 10 s		(X) 15 min	4)
	X 65 °C 10 min	X 3 min	(X)	X 65 °C ³⁾ 1.5 min		(X) 30 min	(X)
X 8 min	X 75 °C 10 min	X 3 min	(X)	X 65 °C ³⁾ 1.5 min		(X) 30 min	(X)
X 10 min	X 50 °C 1 min	X 5 min		X 60 °C 30 s	X 45 min		(X)
	X 50 °C 1 min	X 3 min	(X)	X 50 °C 1 min		(X) 20 min	(X)
X 8 min	X 60 °C 10 min	X 3 min	(X)	X 82 °C 2 min		X 30 min	(X)
	X Cold 10 min						
X 19 min	X 50 °C 34 min	X 5 min		X 44 °C 7 min	X 65 min		(X)

X = sections included in a programme

(X) = optional sections which can be selected (see "Programme options - Options")








²⁾ Select Interim rinse II via Settings  button (see "Settings menu - 2nd interim rinse").

³⁾ Optional temperature increase to 82 °C.

⁴⁾ Due to the short programme duration AutoOpen does not take place at the end of the programme.

⁵⁾ Without rinse aid and with cold water.

Programme chart

Programme	Consumption ⁶⁾						Duration ⁶⁾			
	Electricity				Water					
	Cold water 15 °C		Hot water 55 °C				Cold water 15 °C		Hot water 55 °C	
	2.3 kW	5.3 kW	2.3 kW	5.3 kW	2.3 kW	5.3 kW	2.3 kW	5.3 kW	2.3 kW	5.3 kW
 Short	1.6 kWh	1.5 kWh	1.0 kWh		14.5 l		53 min ⁷⁾	28 min ⁷⁾	36 min ⁷⁾	22 min ⁷⁾
 Medium	1.6 kWh	1.5 kWh	1.0 kWh		15.2 l		67 min ⁷⁾	42 min ⁷⁾	51 min ⁷⁾	36 min ⁷⁾
 Intensive	1.8 kWh	1.7 kWh	1.0 kWh		20.2 l		83 min ⁷⁾	59 min ⁷⁾	63 min ⁷⁾	51 min ⁷⁾
 Glasses	1.0 kWh		0.4 kWh		15.2 l		42 min ⁷⁾	27 min ⁷⁾	29 min ⁷⁾	22 min ⁷⁾
 Hygiene	2.0 kWh	1.9 kWh	1.2 kWh		20.2 l		91 min ⁷⁾	66 min ⁷⁾	70 min ⁷⁾	57 min ⁷⁾
 Plastics	1.3 kWh	1.2 kWh	0.5 kWh		20.2 l		109 min	90 min	89 min	82 min
 Cold pre-wash	0.02 kWh		0.02 kWh		5.5 l		13 min		13 min	
ECO ^{*)} 15 standard place settings	0.859 kWh		-		16.1 l		163 min	163 min	-	-

^{*)} This is the AS/NZS Energy Label programme to be used for a normally soiled load (the programme duration is fixed and cannot be altered).

⁶⁾ Values are calculated in accordance with EN 50242 for a connected load of 2.3 kW and 5.3 kW. In practice considerable variations may be noted due to differing conditions. The duration displayed is adjusted to the on-site conditions.


⁷⁾ The figure refers to the wash duration without drying.

Maintenance

To prolong the service life of the dishwasher, it should be serviced by Miele.

Please contact Miele for information regarding frequency and scope of maintenance performed by Miele.

Check your dishwasher regularly (approx. every 4-6 months). This way faults and problems can be avoided.

 All surfaces of this appliance are susceptible to scratching. Contact with unsuitable cleaning agents can alter or discolour all surfaces.

Cleaning the wash cabinet

The wash cabinet is largely self-cleaning, provided that the correct amount of detergent is always used.

If there are nevertheless limescale or grease deposits in the cabinet, these can be removed with a special cleaning agent (available from Miele or at shop.miele.com). Follow the dosage recommended by the manufacturer on the packaging.


- Clean the filters in the wash cabinet regularly.

Cleaning the door and the door seal

Mould could build up on the door seal and the sides of the dishwasher door as these surfaces are outside the wash cabinet and so not accessed and cleaned by the spray arm jets.

- Wipe off any food or drink residues which may have dripped onto the sides and seals of the dishwasher door with a damp cloth before closing it.

Cleaning the door front

 Soiling that is left too long might become impossible to remove and could cause external surfaces to alter or discolour. Remove any soiling immediately.

- Clean the front with a solution of warm water and a little washing-up liquid applied with a soft sponge. Wipe the surfaces dry using a soft cloth. For cleaning, you can also use a clean, damp microfibre cloth, such as the Original Miele all purpose microfibre cloth, without any cleaning agent.

Cleaning and care

To avoid damaging external surfaces, do not use:

- cleaning agents containing soda, ammonia, acids or chlorides,
- cleaning agents containing descaling agents,
- abrasive cleaning agents, e.g. powder cleaners and cream cleaners,
- solvent-based cleaning agents,
- stainless steel cleaning agents,
- dishwasher cleaner,
- oven cleaner,
- glass cleaning agents,
- hard, abrasive brushes or sponges, e.g. pot scourers, brushes or sponges which have been previously used with abrasive cleaning agents,
- dirt erasers,
- sharp metal scrapers,
- steel wool or metal scourers,
- steam cleaning appliances.

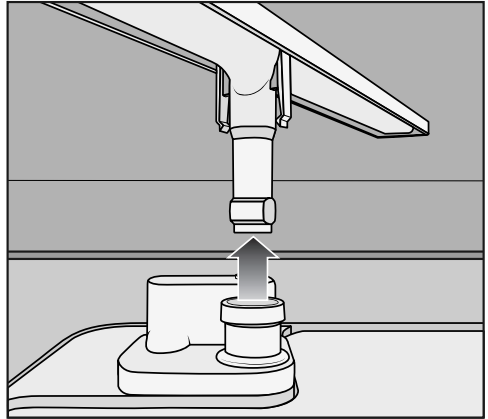
Cleaning the spray arms

Particles of food can get stuck in the spray arm jets and bearings. The spray arms should therefore be inspected and cleaned regularly.

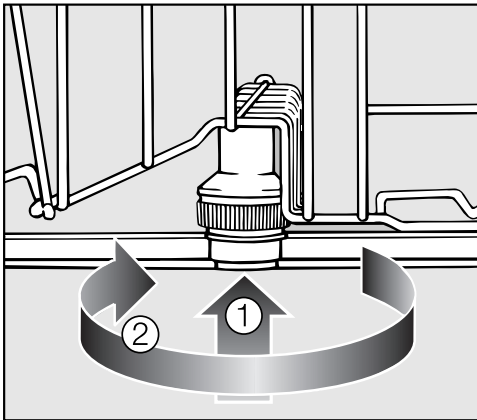
- Switch the dishwasher off.

Remove the spray arms as follows:

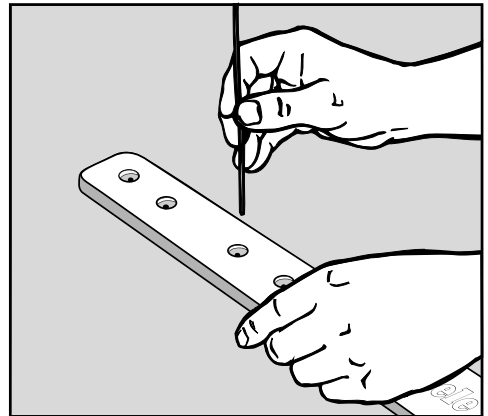
- Take out the cutlery tray (if your dishwasher is fitted with one).
- Push the **upper** spray arm upwards to engage the inner ratchet. Then unscrew the spray arm.



- Pull the **lower** spray arm firmly upwards to remove it.



- Push the **middle** spray arm upwards ① to engage the ratchet. Then unscrew the spray arm ②.
- Remove the lower basket.




- Use a pointed object to push food particles stuck in the jets into the spray arms.
- Rinse the spray arms thoroughly under running water.
- Refit the spray arms and check that they rotate freely.

Cleaning and care

Checking the filters in the wash cabinet

The filter combination in the base of the wash cabinet retains coarse soiling from the suds solution, preventing it accessing the circulation system and re-entering the cabinet through the spray arms.

 This appliance must not be used without all the filters in place.

Collection of coarse soiling may cause the filters to clog. The level of soiling and time it takes before the filters need cleaning will vary depending on use.

The message **Check filters** will appear in the display after every 50 programme cycles (factory default setting).

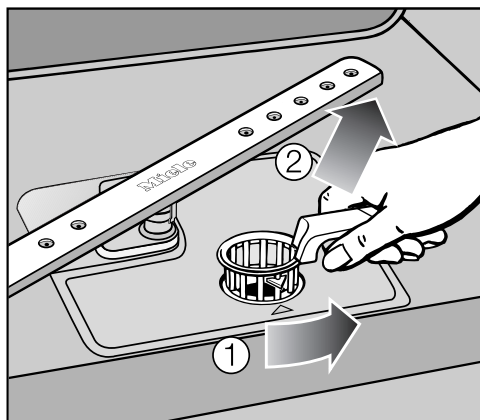
You can set the interval for this message to appear between 30 and 60 programme cycles (see “Settings menu - Check filters”).

- Check the filter combination.
- Clean it if necessary.
- Then confirm the message with **OK**.


The message will go out.

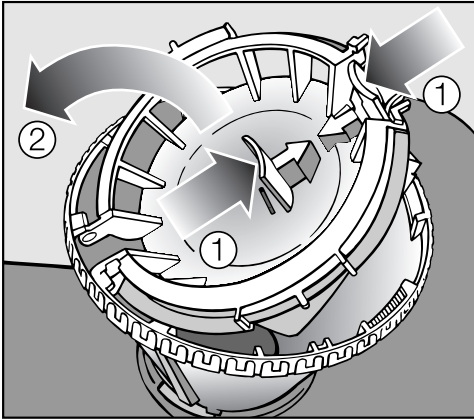
Cleaning the filters

- Switch the dishwasher off.



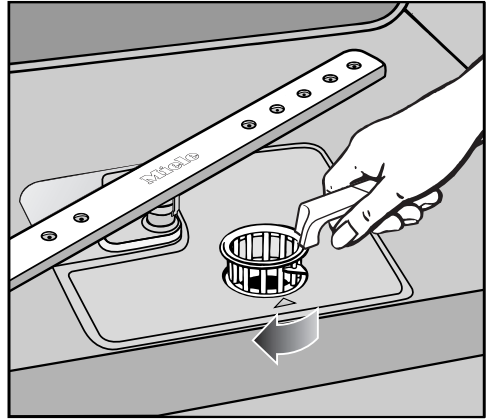
- Turn the handle anti-clockwise to release the filter combination ①.
- Lift the filter combination out of the dishwasher ②. Remove any coarse particles and rinse the filter well under running water. Use a nylon brush if necessary.

 During cleaning ensure that course soil doesn't get into the circulation system and cause a blockage.



To clean the inside of the filter, the flap must be opened:

- Press the catches ① together in the direction of the arrows as shown, and open the filter ②.
- Rinse all the filters under running water.
- Then close the flap so that the catch engages.




- Replace the filter combination so that it lies flat in the base of the wash cabinet.
- Then turn the handle clockwise until both arrows point towards each other. This will lock the filter combination in place.

⚠ Take care when you are fitting the filter combination that it is secured in position correctly. Otherwise coarse soil could get into the circulation system and cause a blockage.


Problem solving guide




With the aid of the following guide, most minor problems can be corrected without contacting Miele. In many cases this will save you time and money because you won't need to book a service technician.

Please note that a call-out charge will be applied to unnecessary service visits where the problem could have been rectified as described in these operating instructions. Please note:

 Repairs must only be carried out by a Miele service technician, a Miele authorised service agent or a suitably qualified technician in accordance with local and national safety regulations. Unauthorised or incorrect repairs could be dangerous and cause injury or damage to the appliance.




Technical problems

Problem	Possible cause and remedy
The display remains dark and the <i>Start</i> indicator light is not flashing after the dishwasher has been switched on with the  button.	The dishwasher is not plugged in. ■ Insert the plug and switch on at the socket.
	The circuit breaker has tripped. ■ Reset or replace the circuit breaker (see data plate for minimum fuse rating).
The dishwasher stops during a programme.	The circuit breaker has tripped. ■ Reset or replace the circuit breaker (see data plate for minimum fuse rating). ■ If the circuit breaker trips again, call Miele.
The door locking pins do not retract after the door has opened automatically.	There is a fault with the door mechanism or the door has not been correctly balanced. ■ Call Miele. The AutoOpen function must be switched off before the dishwasher is used again (see “Settings - AutoOpen”). Danger of injury in the unlikely event of another fault.

Problem	Possible cause and remedy
One of the following messages appears in the display:	Before rectifying the problem, you must: <ul style="list-style-type: none"> ■ Switch the dishwasher off with the ① button.
 Fault FXX	There may be a technical fault. After a few seconds: <ul style="list-style-type: none"> ■ Switch the dishwasher back on. ■ Select the required programme. ■ Press the <i>Start</i> button. If the fault message appears again, there is a technical fault. <ul style="list-style-type: none"> ■ Call Miele.
 Waterproof	The Waterproof system has reacted. <ul style="list-style-type: none"> ■ Turn off the tap. ■ Call Miele.
 Fault F78	A fault has occurred in the circulation pump. <ul style="list-style-type: none"> ■ Switch the dishwasher off for at least 30 seconds with the ① button. ■ Switch the dishwasher back on. ■ Select the required programme. ■ Press the <i>Start</i> button. If the fault message appears again, there is a technical fault. <ul style="list-style-type: none"> ■ Call Miele.

Problem solving guide

The dishwasher does not fill/drain

Problem	Possible cause and remedy
One of the following messages appears in the display:	
 Turn on the tap	The tap is turned off. ■ Turn on the tap fully.
 Water intake	Before rectifying the problem, you must: ■ Switch the dishwasher off with the ① button. Water intake is restricted. ■ Turn on the tap fully and start the programme again. ■ Clean the water inlet filter (see “Maintenance”). ■ The water pressure at the intake is lower than 50 kPa (0.5 bar). Seek professional advice.
The following fault message appears in the display:  Drain	Before rectifying the problem, you must: ■ Switch the dishwasher off with the ① button. The water outlet is restricted. There might be water in the wash cabinet. ■ Clean the filter combination (see “Cleaning and care - Cleaning the filters”). ■ Clean the drain pump (see “Maintenance”). ■ Clean the non-return valve (see “Maintenance”). ■ Remove any kink or loop in the drain hose.

General problems

Problem	Possible cause and remedy
The indicator lights and display are dark.	<p>The display has switched off automatically to save energy.</p> <ul style="list-style-type: none"> ■ Switch the dishwasher on again with the ① button.
The interior lighting doesn't switch on when the door is opened.	<p>The interior lighting has been switched off permanently.</p> <ul style="list-style-type: none"> ■ Switch the lighting back on again (see "Settings menu - BrilliantLight").
Detergent residue is left in the dispenser at the end of a programme.	<p>The dispenser was still damp when detergent was added.</p> <ul style="list-style-type: none"> ■ Make sure the dispenser is dry before adding detergent.
The detergent dispenser lid cannot be closed properly.	<p>Residual cleaning agent is blocking the catch.</p> <ul style="list-style-type: none"> ■ Remove the cleaning agent.
At the end of a programme there is a film of moisture on the inside of the door and the interior walls.	<p>This is caused by the drying system and does not indicate a fault.</p> <p>The moisture will dissipate after a short while.</p>
Water remains in the wash cabinet at the end of a programme.	<p>Before rectifying the problem, you must:</p> <ul style="list-style-type: none"> ■ Switch the dishwasher off with the ① button.
	<p>The filter combination in the wash cabinet is clogged.</p> <ul style="list-style-type: none"> ■ Clean the filter combination (see "Cleaning and care - Cleaning the filters").
	<p>The drain pump or non-return valve is blocked.</p> <ul style="list-style-type: none"> ■ Clean the drain pump or the non-return valve (see "Maintenance").
	<p>The drain hose is kinked.</p> <ul style="list-style-type: none"> ■ Remove any kink from the drain hose.

Problem solving guide

Noises

Problem	Possible cause and remedy
Knocking noise in the wash cabinet.	A spray arm is knocking against an item in a basket. ■ Interrupt the programme and rearrange the items which are obstructing the spray arm.
Rattling noise in the wash cabinet.	Items of crockery are insecure in the wash cabinet. ■ Interrupt the programme and rearrange the load.
	A foreign object (e.g. a cherry stone) has become lodged in the drain pump. ■ Remove the foreign object from the drain pump (see “Maintenance - Cleaning the drain pump and non-return valve”).
Knocking noise in the water pipes.	This may be caused by the on-site installation or the cross-section of the piping. However, this will not affect the functioning of the dishwasher in any way. ■ If in doubt, contact a suitably qualified plumber.


Unsatisfactory cleaning result

Problem	Possible cause and remedy
The dishes are not clean.	The dishes were not loaded correctly. ■ See notes in “Loading the dishwasher”.
	The programme was not suitable for the load. ■ Select a more suitable programme (see “Programme chart”).
	Not enough detergent was dispensed. ■ Increase the dosage.
	The cleaning agent used is not suitable for the type of soiling present. ■ Change your detergent.
	Items are blocking the path of the spray arms. ■ Rearrange the items so that the spray arms can rotate freely.
	The filter combination in the base of the wash cabinet is not clean or is not correctly fitted. This may cause the spray arm jets to get blocked. ■ Clean and/or fit the filter combination correctly. ■ Clean the spray arm jets if necessary (see “Cleaning and care - Cleaning the spray arms”).
	The non-return valve is open and blocked. Dirty water has flowed back into the wash cabinet. ■ Clean the drain pump and the non-return valve (see “Maintenance”).
Smearing appears on glassware and cutlery, there is a bluish sheen on the surface of glassware; film can be wiped off.	The rinse aid dosage is set too high. ■ Reduce the dosage (see “Settings menu - Rinse aid”).
Dishes, cutlery and glasses are not dry or are flecked.	The amount of rinse aid may be insufficient, or the rinse aid reservoir is empty. ■ Replenish the reservoir, increase the dosage or change the brand of rinse aid (see “Before using for the first time - Rinse aid”).
	Crockery was taken out of the cabinet too soon. ■ Leave it in for longer (see “Operation”).

Problem solving guide

Problem	Possible cause and remedy
Glassware has a brown or blue tinge, and film cannot be wiped off.	<p>This is caused by ingredients in the cleaning agent.</p> <ul style="list-style-type: none"> ■ Change your detergent.
Glassware is dull and discoloured; film cannot be wiped off.	<p>The glassware is not dishwasher-proof. The surfaces are affected.</p> <ul style="list-style-type: none"> ■ Purchase glassware which is dishwasher-proof.
Tea or lipstick stains have not been completely removed.	<p>The wash temperature of the selected programme was too low.</p> <ul style="list-style-type: none"> ■ Select a programme with a higher wash temperature.
	<p>The bleaching effect of the detergent used is too low.</p> <ul style="list-style-type: none"> ■ Change your detergent.
Plastic items are discoloured.	<p>Natural dyes, e.g. from carrots or tomatoes may be the cause. The amount of detergent used or its bleaching effect was not sufficient to deal with natural dyes.</p> <ul style="list-style-type: none"> ■ Use more cleaning agent (see “Operation, Adding detergent”). <p>Discoloured plastic items will not regain their original colour.</p>
White residue is visible on crockery, clouding occurs on glassware and cutlery; film can be wiped off.	<p>Not enough rinse aid was used.</p> <ul style="list-style-type: none"> ■ Increase the dosage (see “Settings menu - Rinse aid”).
	<p>There is no salt in the salt reservoir.</p> <ul style="list-style-type: none"> ■ Fill the salt reservoir (see “Before using for the first time - Dishwasher salt”).
	<p>The salt reservoir cap has not been screwed on correctly.</p> <ul style="list-style-type: none"> ■ Replace it, making sure that it screws back on correctly.
	<p>The water softener is programmed to too low a water hardness level.</p> <ul style="list-style-type: none"> ■ Programme the water softener to a higher water hardness level (see “Settings menu - Water hardness”).

Problem solving guide

Problem	Possible cause and remedy
There are rust stains on cutlery.	A programme was not run after dishwasher salt was added. Traces of salt have got into the wash cycle. ■ Always run the  Cold pre-wash programme after refilling salt.
	The affected items are not corrosion resistant. ■ Purchase cutlery which is dishwasher-proof.

Maintenance

Cleaning the water inlet filter

A filter is incorporated in the screw connection of the valve on the water inlet hose. The filter must be cleaned when dirty, otherwise insufficient water flows into the wash cabinet.

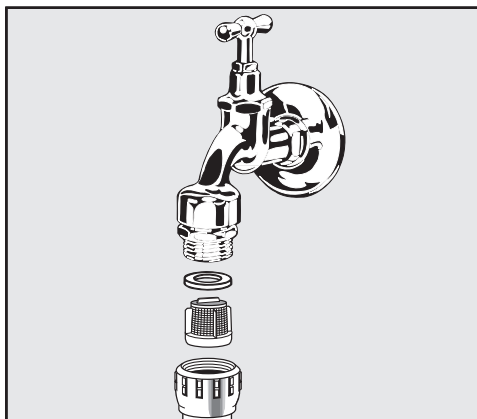
⚠ The plastic housing of the water connection contains an electrical component.
The housing must not be dipped in water.

Recommendation

If the mains water contains a large amount of insoluble substances, we recommend fitting a large-area filter in the connection between the separately supplied non-return valve that is connected to the tap and the water inlet hose threaded union. This filter is available from Miele.

Cleaning the filter:

- Disconnect the dishwasher from the mains supply.
Switch off at the mains socket and withdraw the plug.
- Turn off the tap.
- Unscrew the inlet hose.



- Carefully remove the washer.
- Withdraw the filter using pointed pliers and rinse clean under running water.
- Replace the filter and washer, making sure they are sitting correctly.
- Reconnect the inlet hose, making sure it goes on correctly and is not cross-threaded.
- Turn on the tap.

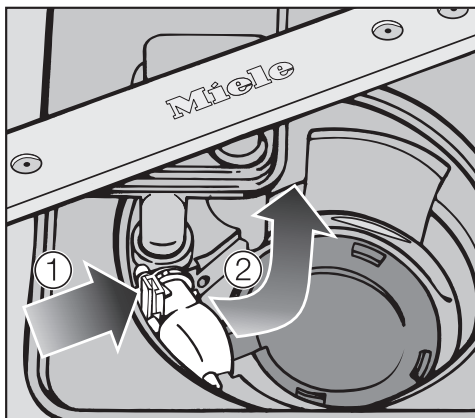
If water leaks out, the inlet hose may not be connected securely or it may have been screwed on at an angle.

- Unscrew and reconnect the inlet hose correctly.

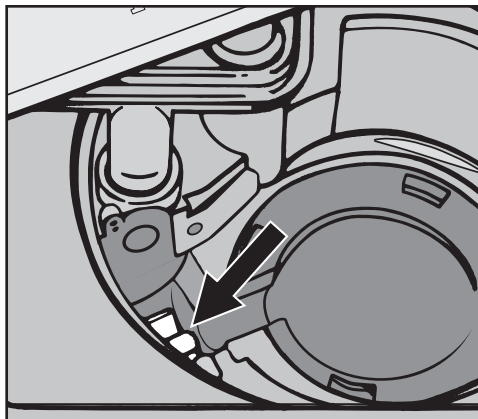
Cleaning the drain pump and non-return valve

If the water has not been pumped away at the end of a programme, the drain pump or the non-return valve might be blocked. They are, however, easy to clean.

- Disconnect the dishwasher from the mains electricity supply. Switch off at the mains socket and withdraw the plug.
- Take the filter combination out of the wash cabinet (see “Cleaning and care - Cleaning the filters”).
- Scoop the water out of the cabinet using a suitable container or utensil.



- Press the catch for the non-return valve inwards ①.
- Tilt the non-return valve inwards until it is released ②.
- Rinse it thoroughly under running water and remove any soiling from the non-return valve.



The drain pump is situated under the non-return valve (see arrow).

- Remove all foreign objects from the drain pump (watch out for glass or bone splinters which are particularly difficult to detect and could cause injury). Turn the drain pump impeller by hand to check that there are no more obstructions. You will feel a little resistance when you turn the impeller.
- Carefully refit the non-return valve and secure it with the catch.

⚠ Ensure that the catch engages correctly.

⚠ Be careful not to damage any delicate components when cleaning the drain pump and the non-return valve.

After sales service

Contact in case of fault

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

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

Please quote the model and serial number of your dishwasher when contacting Miele. These can be found on the data plate along the right edge of the open door.

Programme updates

The programme update function is designed to enable a service technician to update your dishwasher's electronics in keeping with advances in technology.

Programme updates can only be performed by a Miele service technician.

Accessories

Some accessories may be supplied as standard, depending on model.

Cappuccinatore insert

The Cappuccinatore insert can be used for cleaning the individual parts of the Miele Cappuccinatore in the dishwasher.

Cutlery basket


The cutlery basket is placed in the lower basket and can be used to wash additional items of cutlery.

Glass rail

This rail is designed to hold glasses with stems securely in the lower basket.

Electrical connection

Electrical connection

 All work on the electrical connection must be carried out by Miele, a Miele authorised technician or a qualified electrician.

- The electrical installation must comply with current local and national safety regulations.
- The connection to the power supply must comply with national regulations (plug and socket must be accessible for service and maintenance work after the machine has been installed). An electrical safety test must be carried out after installation and after any service work.
- If the dishwasher is hard wired to the power supply, connection should be made via a mains switch with all-pole isolation. The mains switch must ensure a 3 mm gap between all open contacts, and must be able to be locked in the off position. The means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules AS/NZS 3000.
- Equipotential bonding should be carried out if required.
- If replacing the mains connection cable, use only original Miele replacement parts or a suitable cable with **core cable ends**.
- For technical data see data plate or wiring diagram supplied.

The machine must only be operated with the voltage, frequency and fusing shown on the **data plate**.

This machine **can be converted to a different type of power supply** in accordance with the conversion diagram and wiring diagram supplied.


Converting the machine to a different type of power supply can lead to longer programme durations, resulting in increased energy consumption in some programmes.

The **data plates** are located at the back of the dishwasher and along the right edge of the open door.


The **wiring diagram** is supplied with the machine.

The **conversion diagram** is attached to the electrical connection plinth panel behind the plinth cover.

Equipotential bonding connection

There is a screw connection point marked  at the back of the appliance, to which additional equipotential bonding can be connected.

Equipotential bonding connection

There is a screw connection point marked  at the back of the appliance, to which additional equipotential bonding can be connected.


Warning

This appliance must be earthed.

The Miele Waterproof system

As long as your dishwasher has been installed correctly, the Miele Waterproof anti-leak system will protect you from water damage throughout its lifetime.

Water intake

 Water in the dishwasher must not be used as drinking water.

- The machine must be connected to the water supply in strict accordance with current local and national water authority regulations.

- The water used must at least comply with national regulations for drinking water quality.

If the water supply has a high iron content, there is a danger of corrosion occurring on items being cleaned in the dishwasher, as well as the machine itself.

If the chloride content of the water exceeds 100 mg/l, the risk of corrosion to items being cleaned in the dishwasher will be further increased.

- In certain regions (e.g. mountainous regions), the water composition may cause precipitates to form, requiring the use of softened water for the dishwasher.

- This appliance must be installed according to AS/NZS 3500.1. This appliance has been supplied with a separate back flow prevention device. This machine must be connected to the potable water supply via the non-return valve (check valve) supplied with the machine. Before making plumbing connections, ensure the appliance is disconnected from the mains power supply (switch off or unplug the power).
 - Turn off the mains water tap.
 - Place the seals on both sides of the non-return valve.
 - Connect the female end of the non-return valve to the mains water tap.
 - Connect the inlet hose to the non-return valve.
 - If the filter or extension hose is installed, ensure it is connected after the non-return valve.Ensure that all connections are screwed into position correctly. The connection point is subject to mains water pressure. Turn on the tap slowly and check for leaks. Correct the position of the seal and union if necessary.


Water connection

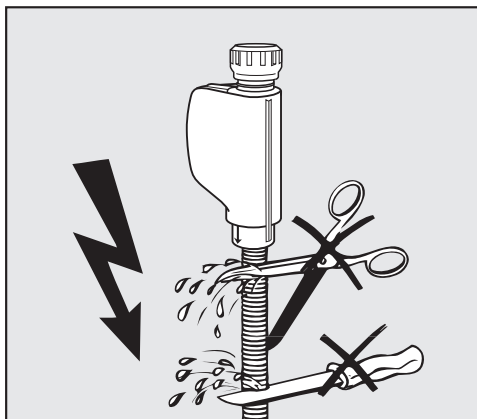
- The water pressure (flow pressure at the connection point) must be between 50 and 1000 kPa (0.5 and 10 bar).


If the water pressure is lower than this, the fault message **Water intake** will appear in the display (see “Problem solving guide”).

If the water pressure is too high, a pressure reducing valve must be fitted.

- A tap with a $\frac{3}{4}$ inch male thread must be provided on site. It should be easily accessible so that the water supply can be turned off when the dishwasher is not in use.
- The DN 10 inlet hose is approx. 1.5 m long terminating in a $\frac{3}{4}$ inch female thread. A 1.5 m long flexible metal extension hose tested to 14,000 kPa (140 bar) is available as an optional accessory if required. Under no circumstances must the inlet filter or the flow regulator in the connection be removed.


 To avoid any damage to the machine, the dishwasher must only be connected to a fully vented plumbing system.



 The inlet hose must **not** be shortened or damaged in any way as it contains electrical components (see illustration).

Connecting the drain hose

- The machine drainage system is fitted with a non-return valve, which prevents dirty water from flowing back into the dishwasher via the drain hose.
- The dishwasher drain hose should preferably be connected to a **separate** on-site drain for the dishwasher only. If no separate connection is available, we recommend connecting it to a dual-chamber siphon.
- The dishwasher is supplied with approx. 1.5 m of flexible drain hose with an internal diameter of 22 mm. Hose clips are supplied with the dishwasher.
- The drain hose must not be shortened. The hose can be extended using a connection piece to attach a further length of hose. The drainage length must not be longer than 4 m and the delivery head no higher than 1 m.
- The drainage system must be able to accommodate a minimum drainage flow of 16 l/min.

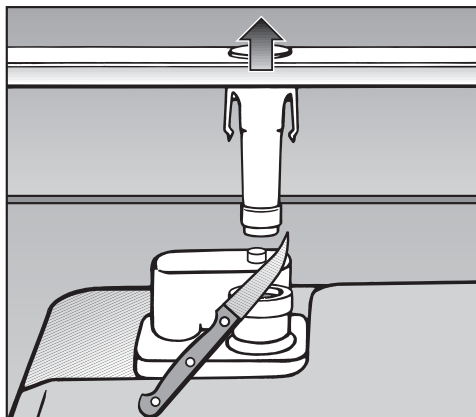
 Make sure that there are no kinks in the hose, and that it is not squashed or stretched.

Venting the drainage system

If the on-site drain connection is situated lower than the guide path for the lower basket rollers in the open door, the drainage system must be vented. Otherwise a siphoning effect during a programme can cause the appliance to empty itself of water.

To vent it:

- Open the dishwasher door fully.



- Pull the lower spray arm firmly upwards to remove it.
- Cut off the top of the vent valve in the wash cabinet.

Technical data

Dishwasher Model	XXL PG 8132 SCi
Height freestanding model	-
Height built-in model	845 mm (adjustable + 65 mm)
Niche height	from 845 mm (adjustable + 65 mm)
Width	598 mm
Niche width	600 mm
Depth freestanding model	-
Depth built-in model	570 mm
Weight	max. 56.5 kg
Voltage	See data plate
Rated load	
Fuse rating	
Power consumption when switched off	0.3 W
Power consumption when not switched off	2.5 W
Network Standby	0.7 W
Frequency band	2.412 - 2.462 GHz
Maximum transmitting power	< 100 mW
Water pressure (flow rate)	50 - 1000 kPa
Cold or hot water supply	Up to max. 60 °C
Mains water hardness	max. 36 °d
Delivery head	max. 1.0 m
Drainage length	max. 4.0 m
Ambient temperature	5 °C to 40 °C
Relative humidity	80 % for temperatures up to 31 °C 50 % for temperatures up to 40 °C
maximum	
linear decreasing to	
Mains connection cable	approx. 2.4 m
Capacity	15 standard place settings
Noise emission values	
Sound power in LwA	46 dB (A)
Sound pressure in LpA	35 dB (A)
Test certificates awarded	VDE, EMC radio and television suppressed
CE-mark	2006/42/EC Machine guidelines
Manufacturer's address	Miele & Cie. KG, Carl-Miele-Straße 29, 33332 Gütersloh, Germany

Settings menu for changing standard settings

Opening the Settings menu

- Switch the dishwasher on with the ① button if it is switched off.
- Open the Settings menu with the ⚙ button.

The first option in the Settings menu will appear in the display.

To learn about the display, read the section with the same name.

- Use the ∨∧ arrow buttons underneath the display to select the option you want to change and confirm your selection with *OK*.

Sub-menu options which have already been selected will have a tick ✓ beside them.

- To exit a sub-menu, use the ∨∧ arrow buttons to select *Back* ↩ and confirm with *OK*.

The display will revert to the menu above.

Language 🚩

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

You can change the language in the display via the *Language* 🚩 sub-menu.

- Select the language you want as well as the country, if appropriate, and confirm with *OK*.

The flag after the word *Language* 🚩 acts as a guide if a language which you do not understand has already been set.

If this is the case, keep selecting the option which has a flag after it until you reach the *Language* 🚩 sub-menu.

Settings menu

Time of day

The dishwasher is delivered with the time of day (clock) display deactivated.

To save energy, the dishwasher will switch off automatically a few minutes after the last time a button has been pressed or after the end of a programme.

Setting the time of day (clock) display

When the time of day (clock) display has been activated, the current time of day will appear in the display a few minutes after the last time a button has been pressed or after the end of a programme. This increases energy consumption.

- Select the **Display** option and confirm with **OK**.
- Select the setting you want and confirm with **OK**.
- If you have selected **On**, confirm the message about higher energy consumption with **OK**.

Setting the clock format

You can select either a 24-hour or 12-hour clock.

- Select the **Clock format** option.
- Select the setting you want and confirm with **OK**.

Setting the time of day

You can set the current time of day. The current time of day must be set before you can use the “FlexiTimer” programme option.

- Select the **Set** option.
- Set the hour with the \vee/\wedge arrow buttons and confirm with **OK**.
Then set the minutes and confirm with **OK**.

The time of day has now been saved.

Synchronise

This option is only displayed if you have activated the network settings (see “Settings menu - Network”).

You can adopt the current time of day from a Miele@home Supervision appliance.

- Select the **Synchronise** option.
- Select the setting you want and confirm with **OK**.

The time from the Supervision appliance will be displayed.

Water hardness

Your dishwasher is fitted with a water softener. You need to programme the water softener to the water hardness level in your area.

- The dishwasher must be programmed exactly to the correct water hardness for your area.
- Your local water authority will be able to advise you of the water hardness level in your area.
- Where the water hardness fluctuates e.g. between 3.1 and 4.5 mmol/l (17 - 25 °d - German scale), always programme the dishwasher to the higher value (4.5 mmol/l or 25 °d in this example).
- Select the hardness of your water and press the middle button to confirm.

A tick ✓ will appear beside the water hardness which has been set.

°d	mmol/l	°f	Display
1	0.2	2	1
2	0.4	4	2
3	0.5	5	3
4	0.7	7	4
5	0.9	9	5
6	1.1	11	6
7	1.3	13	7
8	1.4	14	8
9	1.6	16	9
10	1.8	18	10
11	2.0	20	11
12	2.2	22	12
13	2.3	23	13
14	2.5	25	14
15	2.7	27	15
16	2.9	29	16
17	3.1	31	17
18	3.2	32	18
19	3.4	34	19
20	3.6	36	20
21	3.8	38	21
22	4.0	40	22
23	4.1	41	23
24	4.3	43	24
25	4.5	45	25
26	4.7	47	26
27	4.9	49	27
28	5.0	50	28
29	5.2	52	29
30	5.4	54	30
31	5.6	56	31
32	5.8	58	32
33	5.9	59	33
34	6.1	61	34
35	6.3	63	35
36	6.5	65	36

Settings menu

Rinse aid

You can adjust the rinse aid dosage for best results.

The dosage amount can be set between 0 and 6 ml.

The rinse aid dosage can turn out to be higher than the set value due to the automatic adjustment of the programme.

If spots appear on crockery and glassware:

- Increase the rinse aid dosage.

If clouding or smearing appears on crockery and glassware:

- Decrease the rinse aid dosage.

- Select the setting you want and confirm your choice with *OK*.

External dispensing

Activate automatic dispensing of liquid detergent if you have installed the optional external dispensing module.

The DOS module is supplied with its own installation instructions.

- Select the setting you want and confirm with *OK*.

The setting will remain active until you deactivate “External dispensing”.

When using liquid dispensing via an external DOS module, you can dispense the detergent according to the detergent manufacturer's instructions as a percentage or in millilitres per minute.

Detergent quantity

The following functions will only become visible when external dispensing has been activated.

A detergent amount of 0.50% is set as standard. The dispensed quantity can be modified between 0.1 and 2.00% in increments of 0.05%.

DOS flow rate

A flow rate of 60 ml/min is set as standard. The flow rate can be modified between 10 and 150 ml/min in increments of 5 ml/min.

Set the dosage according to the cleaning agent manufacturer's recommendations.


- Choose the required detergent or flow rate quantities and confirm your selection with the **OK** button.

Venting the dispensing system

The DOS system will not dispense reliably if there is air in the system.

The DOS system must be vented:

- when the DOS system is being used for the first time,
- if the liquid detergent reservoir was not refilled in time and the DOS system was emptied,
- if the detergent container was replaced.

 To ensure that the dispensing system functions properly, prior to venting make sure that the detergent container is full enough and that the dispensing lances are firmly attached to the containers.

- Select **Start venting** and press the middle button to confirm.

The venting process will begin. The remaining time appears in the display.

The “Pre-wash” programme is offered directly after the venting process is finished. Start the programme in order to dilute and drain any cleaning agent that has escaped into the wash cabinet.

Temperature unit

The temperature can be shown in the display in degrees Celsius or degrees Fahrenheit.

- Select the setting you want and confirm your choice with the **OK** button.

High temperature final rinse

For better drying, the rinse temperature can be increased for individual programmes. This function is not available for all programmes (see “Programme chart”).

- Select the setting you want and confirm your choice with the **OK** button.

Settings menu

EcoStart

In order to run your dishwasher in the most economical way, you can use the EcoStart option to take advantage of your electricity supplier's time variable tariffs (see "Programme options - FlexiTimer with EcoStart").

With this option selected, your dishwasher will start automatically at your electricity supplier's cheapest tariff times.

To use this option, you must first set up to three electricity tariff time zones in which the dishwasher can start. You can allocate different priorities to these time zones. The time with the cheapest electricity tariff will be given Priority 1.

Contact your electricity supplier to find out the times of the cheapest electricity tariffs.

Once the electricity tariff times have been set, you can use the EcoStart option to set the latest finish time required for each programme. The dishwasher will then start automatically in the cheapest electricity tariff time and the programme will end at the latest at the finish time set.

Setting the electricity tariff times

Before you can use the EcoStart option, you must set at least one electricity tariff time.

- Use the \vee/\wedge arrow buttons to select the electricity tariff time (T1-T3) you want to set and confirm with **OK**.

The start of the electricity tariff time selected will appear in the display and the hour number block will be highlighted.

- Use the \vee/\wedge arrow buttons to set the hours and minutes for the start time and confirm both with **OK**.

The end of the electricity tariff time selected will appear in the display and the hours number block will be highlighted.

- Use the \vee/\wedge arrow buttons to set the hours and minutes for the finish time and confirm both with **OK**.

The electricity tariff time will be saved and its priority will appear in the display.

- Use the \vee/\wedge arrow buttons to set the priority you want and confirm with **OK**.

- Confirm the message with **OK**.

The electricity tariff time will be activated.

Deleting the electricity tariff times

- You can delete the settings for an electricity tariff time and in doing so deactivate the **EcoStart** option for this time zone.
- Use the \vee/\wedge arrow buttons to select the electricity tariff time (T1-T3) you want to delete and confirm with **OK**.
- For example, select **Delete T1** and confirm with **OK**.
- For example, select **Delete T1?** and confirm with **OK**.

The settings for the electricity tariff time selected will be reset.

- Confirm the message with **OK**.

The electricity tariff time has now been deleted.

Settings menu

Network

Your dishwasher is equipped with an integrated Wi-Fi module.

In order to connect your dishwasher to your Wi-Fi network, you must first activate the network function.

This will add the Miele@home enabled option to the “Settings” menu.

Networking is deactivated ex-works.

Make sure that your Wi-Fi network signal strength is strong enough at the installation site of your dishwasher.

- Select the setting you want and confirm with *OK*.

Miele@home

This option is only displayed if you have activated the network settings (see “Settings menu - Network”).

There are a number of ways of connecting your dishwasher to your Wi-Fi network:

Miele@mobile App

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



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

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

WPS Push Button

As an alternative to networking your dishwasher via the Miele@mobile App we recommend using WPS (Wireless Protected Setup). To do so, you will need a WPS-compatible router.

- Select the WPS push button option.

Please wait will appear in the display.

- Activate the “WPS” function on your router within two minutes.
- Once connection has been established, confirm the message with *OK*.

The dishwasher will then revert to the Miele@home enabled menu.

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

SmartStart

The SmartStart function is used for starting your dishwasher automatically at a time when your energy costs are most economical.

If you have activated SmartStart Permitted, the “FlexiTimer” ⌚ menu for the programme selected will no longer show the EcoStart option. Instead it will show SmartStart. The dishwasher will then start within the timeframe set by you once it receives a signal from your energy provider.





If it has not received a signal from your energy provider by the latest start time entered, the dishwasher will start automatically.


- Select the setting you want and confirm with *OK*.
- Confirm the message with *OK*.

Settings menu

Remote control

Once you have installed the Miele@mobile App on your tablet PC or your Smartphone, you will be able to operate your dishwasher remotely. Your dishwasher must be signed on to a Wi-Fi network and the Remote control function must be activated.

- Select the setting you want and confirm with **OK**.
- Use the **Back**  option to get into the **Settings**  menu.
- Use **Finish** to leave the **Settings**  menu.
- Select the **Settings**  option again.

Once you have activated the Remote control function, the **MobileControl** option will be the first option listed under **Settings** .

In order to operate the dishwasher with the Miele@mobile App, please activate the **MobileControl** function.

- Confirm the **MobileControl** option with **OK**.
- Close the door and press the **Start** button.


The **Start** indicator light will come on and **Remote ctrl active** will appear in the display.

The dishwasher can now be operated remotely using the Miele@mobile App.

If the time of day (clock) display has been switched off (see “Settings menu - Time of day”), the display will go out if you have activated a Delay start time or remote control after a few minutes and only the **Start** indicator light will flash slowly.

Press any button to switch the display back on again for a few minutes.

If you now do not wish to operate the dishwasher remotely with the Miele@mobile App, you can cancel the **MobileControl** function.

- Switch the dishwasher off with the  button.

System settings

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

Module settings

We recommend connecting your dishwasher to your Wi-Fi network with the help of the MielePro@mobile App or via WPS.

If you would rather set up the connection to your router yourself, or you have a special network configuration, you can enter the relevant settings with the necessary technical knowledge.

Start module activity

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

- **Select Default settings and confirm with OK.**

Please wait **will appear** in the display.

The message **Module status: Process successful** will appear in the display after a few minutes.

- **Confirm the message with OK.**

The Wi-Fi module factory default settings have been restored.

If the factory default settings were not restored to your Wi-Fi module, repeat the instructions above.

Settings menu

2nd interim rinse

You can increase the cleaning performance in the case of stubborn soiling by selecting a second interim rinse. This function is not available for all programmes (see “Programme chart”).

- Select the setting you want and confirm your choice with the *OK* button.

Brightness

There are seven different display brightness settings.

- Select the brightness you want and confirm this with *OK*.

Memory

With the Memory function activated, the dishwasher will save the last programme selected.

When you switch the dishwasher off and back on again at the end of a programme, the last programme selected will appear in the display instead of the *ECO* programme.

- Select the setting you want and confirm with *OK*.

Refill reminders

If you only ever use multi-function combination products in your dishwasher, you can switch off both refill reminders for salt and rinse aid if you wish.

- Select the setting you want and confirm with *OK*.

If you switch to using detergent that does not contain salt or rinse aid, it is important to remember to add salt and rinse aid and to switch the reminders back on.

Check filters

You can adjust the interval at which the message to remind you to check the filters appears.

You can set an interval of between 30 and 60 programme cycles.

The “Check filters” message is set at the factory to appear after every 50 programme cycles.

- Select the interval you want and confirm this with *OK*.

AutoOpen

At the end of programmes with a drying phase the door will open automatically a little in order to help the drying process (see “Programme chart”). In the *ECO* programme (if available) the door will open automatically during the drying phase.

This function can be deactivated if wished.

- Select the setting you want and confirm with *OK*.



If you have deactivated the automatic door opening function but would still like to open the door at the end of the programme, then make sure that you open the door fully. Otherwise steam from the dishwasher could damage the edge of the worktop because the fan is no longer running.

BrilliantLight (depending on model)

The dishwasher is fitted with interior lighting.

When the door is opened, the lighting switches off automatically after 15 minutes.

You can also switch off the interior lighting permanently.

- Select the setting you want and confirm with *OK*.

Software version

You can call up the electronic software version of your dishwasher for technical support purposes.

- Confirm the display with *OK*.

Settings menu

Showroom programme

For demonstration purposes only.

The dishwasher is fitted with various demonstration programmes for showroom use.

- Demo mode
Demonstration programme for showrooms.
- Demo with sound
This programme activates the circulation pump to demonstrate the sound of the dishwasher.
- Demo AutoOpen
The door will open automatically.
- Cont. BrilliantLight
The interior lighting is on constantly.

Factory default settings

You can reset all dishwasher settings to the factory default settings.

Wi-Fi module settings (where applicable) have to be reset separately (see “Settings menu - Miele@home - Module settings”).

- Select **Reset** and confirm with **OK**.

Closing the Settings menu

You can exit the Settings menu using **Finish**.

- Select **Finish** and confirm with **OK**.

The programme selected will appear in the display briefly and the indicator light for the programme selected will come on.



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