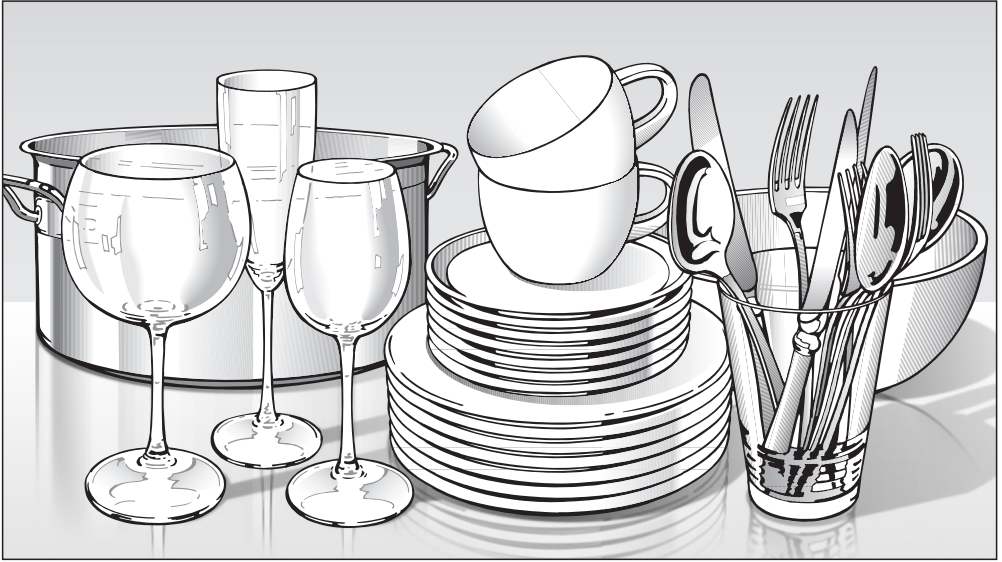


Operating Instructions




Commercial Dishwasher PG 8080i

en - US

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Guide to the manual

Warnings

 Information which is important for safety is highlighted by a thickly framed box with a warning symbol. This alerts you to a potential risk of personal injury or property damage.
Read these warning notes carefully and follow any procedural instructions and operating prompts.

Notices

Notes contain information that requires particular attention. They are highlighted by a thickly framed box.

Additional information and comments

Additional information and comments are marked by a box with thin line.
They are not necessarily critical to the operation of the dishwasher.

Operating steps

Additional instructions on how to operate the dishwasher are described step-by-step in a logical sequence.
Each new step is marked by a black square bullet point.


Example:

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

Display

In this manual, information that is shown in the dishwasher display appears in a special font similar to the display text.

Example:

When the message  End or AutoOpen appears in the display

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

To avoid the risk of accidents and damage to the dishwasher, please read these instructions carefully before using it for the first time. They contain important information on its safety, installation, use and maintenance. Keep these instructions in a safe place and pass them on to any future owner.

Proper use

- ▶ This dishwasher with its short program running times and powerful cleaning performance is intended for commercial use in offices, lunch rooms, clubhouses, workshops, daycare centers, schools, large kitchens and similar professional environments.
- ▶ This dishwasher is not intended for continuous use.
- ▶ This commercial dishwasher is not suitable for the cleaning of medical products or devices.
- ▶ This appliance is designed exclusively for use as a "dishwasher" for cleaning cookware, glassware and cutlery only, 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 caused by improper or incorrect use or operation.
- ▶ This commercial dishwasher is intended only for stationary indoor use.
- ▶ The special inserts are to be used for their specific purpose only.
- ▶ Persons who lack physical, sensory or mental abilities, or experience with the appliance should not use it without supervision or instruction by a responsible person.

Important safety instructions

Proper installation

- ▶ Do not install the commercial dishwasher in areas at risk of explosion or freezing.
- ▶ To ensure the stability of undercounter commercial dishwashers, they must only be installed beneath a continuous countertop that is bolted to the adjacent cabinetry.
- ▶ In order to reduce the risk of damage from condensation, the furniture in the area around the commercial dishwasher should be designed for commercial use.

Technical safety

- ▶ The commercial dishwasher must only be installed, commissioned, repaired and then maintained by the Miele Service Department or an authorized Miele Service dealer. Installation, repair and other work by unqualified persons could be dangerous and Miele will not be held liable.
- ▶ This commercial dishwasher must only be operated by appropriately trained personnel. They must be instructed and trained regularly.
- ▶ Before using the commercial dishwasher, check it for any externally visible damage. Under no circumstances should you use it if it has been damaged. It could be dangerous.
- ▶ In the event of a damaged or leaking commercial dishwasher, turn it off immediately and contact Miele or an authorized Miele Service dealer.
- ▶ Faulty components may only be replaced by genuine Miele original parts. Only when these parts are fitted can Miele guarantee the safety standards of the appliance.

Important safety instructions

- ▶ The electrical safety of this commercial dishwasher can only be guaranteed when it is connected to a correctly installed grounding conductor system. If in any doubt, please have the electrical installation tested by a qualified electrician. Miele cannot be held liable for the consequences for the lack or interruption of a grounding conductor (e.g. electric shock).
- ▶ Be sure to follow the installation instructions in this manual and in the installation diagram.
- ▶ Ensure that the connection data on the data plate (voltage, frequency, and fuse rating) match those of your electrical supply.
- ▶ There must be no electrical sockets behind the commercial dishwasher since the depth of the installation niche may be too small and there is a danger of overheating if the dishwasher is pushed up against a plug (see the "Electrical connection" chapter for more information).
- ▶ Do not connect the dishwasher to the electrical supply by a multiple outlet box or an extension cable since they do not guarantee the required safety of the appliance (e.g. danger of overheating).
- ▶ Do not open the commercial dishwasher casing under any circumstances. Tampering with electrical connections or components and mechanical parts is highly dangerous to the user and can cause operational faults.
- ▶ The commercial dishwasher must not be used if the connecting cable is damaged. If the cable is damaged, it must be replaced with a special connecting cable available from Miele. For safety reasons, this may only be performed by the Miele Service Department or an authorized Miele Service dealer.
- ▶ Before maintenance, disconnect the commercial dishwasher from the electrical supply.
- ▶ The plastic housing of the water connection contains electrical components. It must not be dipped in water.

Important safety instructions

- ▶ There are live wires in the water intake hose. Do not shorten the water intake hose, even if it is too long.
- ▶ The built-in waterproof system offers reliable protection against water damage if the following conditions are met:
 - proper installation
 - proper maintenance of the dishwasher or exchange of parts in case of visible damage
 - closing of the water valve during longer absences (for example vacation)

The waterproof system will work even if the dishwasher is turned off. However, the commercial dishwasher must remain connected to the electrical supply.

Correct use

- ▶ This commercial dishwasher is designed for operation with water and detergents suitable for use in commercial dishwashers only. Organic solvents and flammable liquid agents must not be used. This could cause an explosion, property damage due to the destruction of rubber or plastic, and the resulting leakage of liquids.
- ▶ Use detergents formulated for use in commercial dishwashers. Using unsuitable detergents could damage the dishes and the commercial dishwasher itself.
- ▶ Do not sit or lean on the opened door. This could cause the commercial dishwasher to tip or become damaged.
- ▶ After any plumbing work on the water supply, 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. If the door is opened, there is a danger of burning or scalding. Dishes, 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 is NOT safe to drink!
- ▶ The pretreatment of items (for example with dishwashing liquid and other detergents), but also some types of soiling and some detergents, 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 chamber can cause damage to the dishwasher. If foam escapes, the program must be cancelled immediately and the machine must be disconnected from the electrical supply.

Important safety instructions

- ▶ When using detergents and specialized products, it is essential that the manufacturer's instructions are followed. Detergents must only be used for the purpose they are designed for and in the situation specified, to avoid material damage and serious chemical reactions (e.g. oxyhydrogen explosion).
- ▶ Do not inhale or ingest powder detergent. Dishwasher detergents contain irritant or corrosive ingredients which can cause burning in the nose, mouth and throat if swallowed, or inhibit breathing. Seek medical attention immediately if detergent has been swallowed or inhaled.
- ▶ Miele cannot be held liable for any effect chemical detergents may have on the material of the items being cleaned. Observe the detergent 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 materials with a corrosive effect.
- ▶ Do not wash items soiled with ash, sand, wax, lubricants, or paint in the dishwasher. These substances could damage the dishwasher.
- ▶ Do not hose down the dishwasher or its direct vicinity to clean it, e.g. with a water hose or high-pressure cleaner.
- ▶ 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.
- ▶ Be careful when sorting items with sharp pointed ends and positioning them in the dishwasher so that you do not hurt yourself or create a danger for others. Cutlery should be placed in baskets in such a way that no injuries can occur.
- ▶ Remove any coarse food deposits from the items being cleaned before loading them in the dishwasher.

Children in the vicinity

- ▶ Supervise children when they are anywhere near this dishwasher. Do not let them play with it. There is a danger that children may lock themselves in the dishwasher.
- ▶ Keep children away from chemical agents. These contain irritant and corrosive ingredients which can cause burning in the mouth, nose and throat if swallowed, or inhibit breathing. Keep children away from the dishwasher when the door is open. There could still be residual chemical agent in the cabinet. Seek medical advice immediately if a child has swallowed or inhaled chemical agent.

Accessories

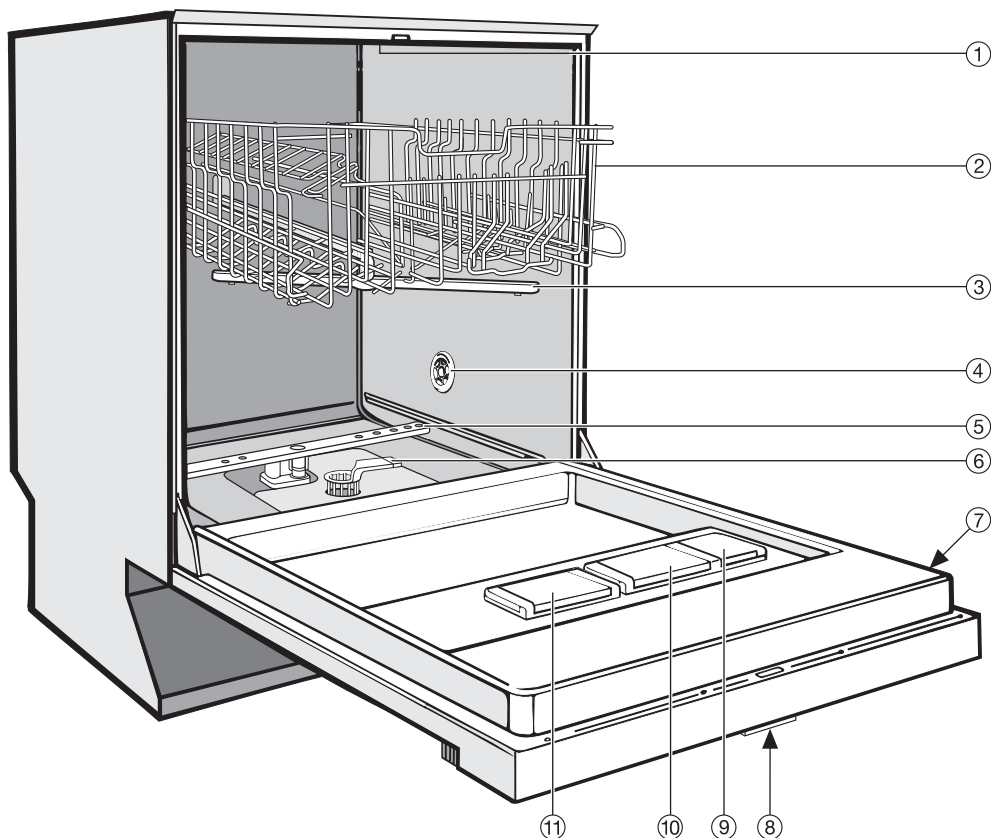
- ▶ Accessories may only be fitted if approved by Miele. If other parts are used, any warranty and product liability claims shall be void.

Miele cannot be held liable for damage caused by failure to comply with these safety instructions and warnings.

- ▶ **SAVE THESE INSTRUCTIONS**

Product description

Machine overview



① Upper spray arm (not visible)

② Upper basket

③ Middle spray arm

④ Air intake for drying

⑤ Lower spray arm

⑥ Filter combination

⑦ Data plate

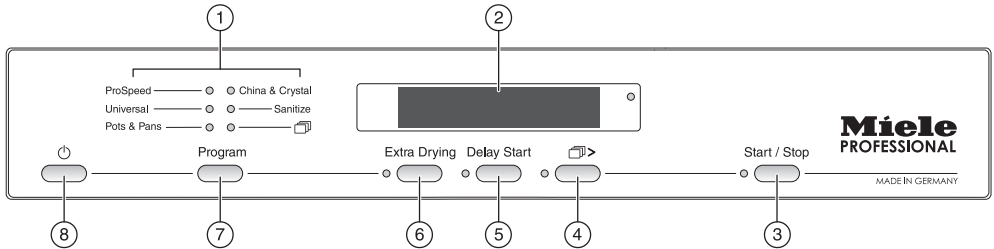
⑧ Child safety lock in the door handle (not visible)






⑨ Rinse aid reservoir

⑩ Dual-compartment detergent dispenser

⑪ Reservoir for reactivation salt

Control panel



- ① Program selection
- ② Display
- ③ Start/Start button with indicator light
- ④ Additional Programs  button with indicator light
- ⑤ Delay Start button  with indicator light
- ⑥ Extra Drying button  + with indicator light
- ⑦ Program Selection button 
- ⑧ On/Off button 

Caring for the environment

Disposal of the packing material

The cardboard box and packing materials protect the appliance during shipping. They have been designed to be biodegradable and recyclable.

Ensure that any plastic wrappings, bags, etc. are disposed of safely and kept out of the reach of children.
Danger of suffocation!

Disposal of your old appliance

Electrical and electronic appliances contain valuable materials. They also contain certain substances, compounds and components which were essential for the proper functioning and safe use of the equipment. Handling these materials improperly by disposing of them in your household waste can be harmful to your health and the environment. Therefore, please do not dispose of your old appliance with regular household waste and follow local regulations on proper disposal.



Consult with local authorities, dealers or Miele in order to dispose of and recycle electrical and electronic appliances. Miele assumes no responsibility for deleting any personal data left on the appliance being disposed. Please ensure that your old appliance is kept away from children until removal. Observe safety requirements for appliances that may tip over or pose an entrapment hazard.

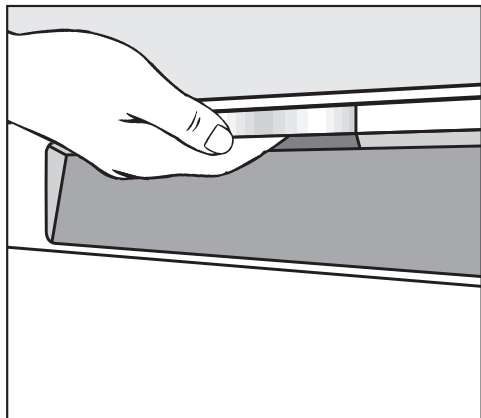
Energy-saving washing

This dishwasher is exceptionally economical in its use of water and electricity. You can make the most of your machine by following these tips:

- You may connect the dishwasher to a hot water supply. This is particularly suitable with energy-saving water heating sources such as solar energy systems. If the hot water system is electrically heated and if loads consist primarily of glassware, we recommend connecting the machine to the cold water supply.
- For most economical dishwashing, make full use of the baskets without overloading the dishwasher.
- Choose a program that best suits the degree of soiling and the type of dishes being washed.
- Select the Normal program for energy-saving dishwashing. This program is the most efficient in terms of its combined energy and water consumption at cleaning normally soiled tableware.
- Follow the detergent manufacturer's recommendations on detergent dosage.
- When using powder detergent you can use 1/3 less detergent if baskets are only half full.

Commissioning


Opening the door



At the end of programs with a drying phase (see "Program overview"), the door will open automatically a little in order to help the drying process. This function can be deactivated if preferred (see "Settings, AutoOpen").


- To open the door, reach under the recessed handle and pull.

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

 Keep the area around the door free of obstructions.

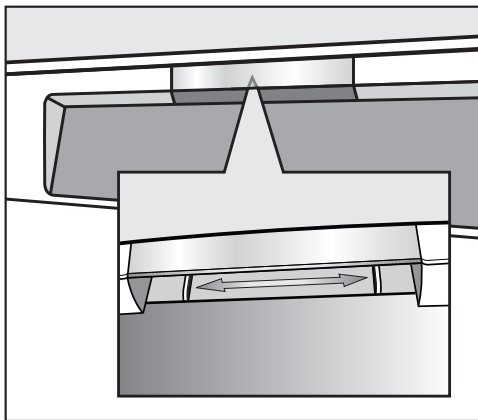
Closing the door

- Insert the baskets.
- Then lift the door upwards and push until it clicks into position.

 Do not put your hand inside the door as it is closing.
Risk of injury!

Child safety lock

Use the safety lock to prevent children from opening the dishwasher door.



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

Display functions


General information

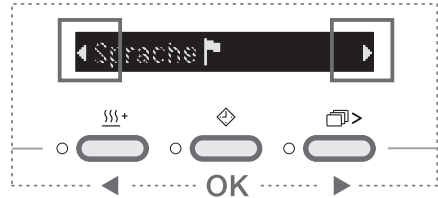
The following functions can be selected or set with the display:

- The program
- The delay start time
- The settings

The following appears in the display while a program is running:

- The program stage
- The estimated time left for the program to run
- Any relevant fault messages and information

To save energy, the dishwasher will switch to Standby mode within a few minutes if no program is running and no button is pressed. After several more minutes it switches off completely (see "Operating the dishwasher, Standby"). To turn the dishwasher back on, press the  button.



Settings menu

The "Settings" menu is used to adapt the electronic module of the dishwasher to changing requirements.

You access the "Settings" menu by pressing a specific combination of buttons.

See the "Settings menu" chapter for more information.

In the Settings menu, the normal functions of the buttons underneath the display are not active, allowing you to select and confirm menu options with these buttons.


The left and right arrows in the display indicate that additional selections are available. You can use the arrow buttons underneath the display, as appropriate, to select these further options.

Use the center button underneath the display to confirm messages or settings and to switch to the next menu or submenu.

A check ✓ will appear beside the option which is currently selected.

Commissioning

Standard settings

- Switch the dishwasher on with the  button.

If the dishwasher is being turned on for the first time, the welcome screen will appear.

Language

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

See "Guide to the appliance, Display" for more information about the display and controls.

- Select the desired language and press the center button to confirm.

A check ✓ will appear next to the language that has been set.

Water hardness

The display changes to the screen for setting the water hardness.

- The dishwasher must be programmed to match exactly the hardness of your water.
- Your local water supplier can tell you the water hardness level in your area.
- Where the water hardness fluctuates, e.g. between 18 - 26 gr/gal (17 - 25 °d - German scale), always program the dishwasher to the higher value (26 gr/gal or 25 °d in this example).

It is useful to know your water hardness so that you can provide the service technician with this information in the event of any service calls.

Enter the water hardness below:

_____ gr/gal (°d)

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

- Select the water hardness level for your water supply and confirm with the center button.

See "Settings menu, Water hardness" for more information.

The following two messages  Refill rinse aid and  Refill salt may then appear in the display.

Press any button to confirm them. The display will change to show the main menu.

Before using the machine for the first time, you will need:

- Approx. 2.2 lbs (1 kg) of dishwasher salt
- approx. 110 ml rinse aid,
- Dishwasher detergent, see "Operation".


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


Filling the salt compartment

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 tableware and in the dishwasher. Water with a hardness level higher than 0.7 mmol/l (4 gr/gal (4 °d - German scale)) needs to be softened. This takes place automatically in the integrated water softener. The water softener assembly in the dishwasher is suitable for a water hardness level of up to 6.5 mmol/l (38 gr/gal (36°d - German scale)).

See "Settings menu, Water hardness" for more information.

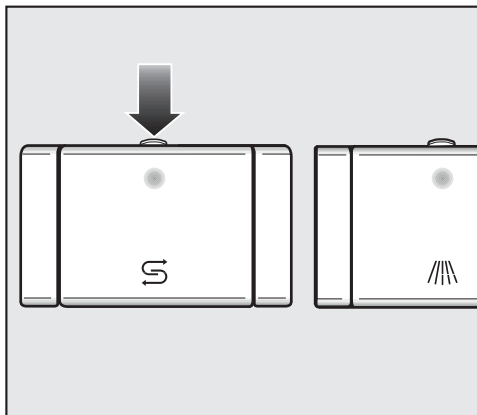
If the water in your area is very soft and constantly lower than 0.7 mmol/l (4 gr/gal (4 °d - German scale)), you do not need to add dishwasher salt. The dishwasher must, however, still be programmed for the water hardness level in your area.

 Do not fill the salt compartment with dishwasher detergent (including liquid detergent). Dishwasher detergent will damage the softener assembly.

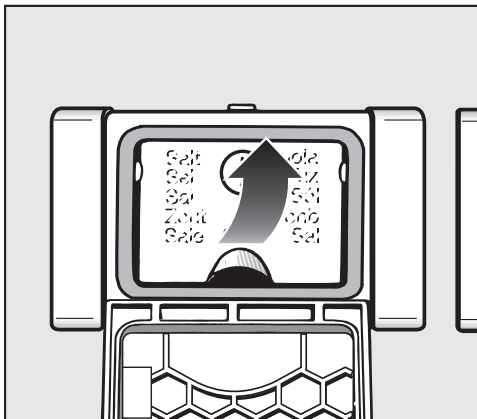
 Only use special coarse-grained dishwasher salt for reactivation, or pure evaporated salt. Miele Professional offers appropriate products. Other types of salt may contain insoluble components which can cause the water softener to malfunction.

Commissioning

- When adding salt, only open the door **half way** to avoid spills.

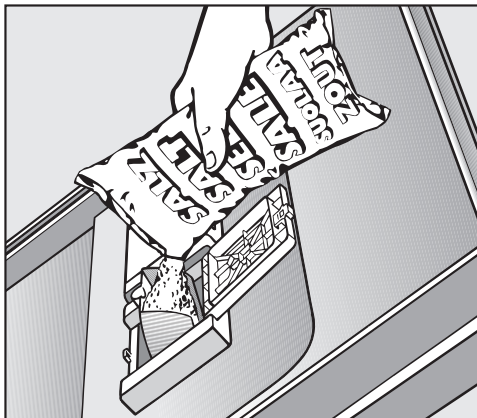


- Press the button on the lid of the salt compartment in the direction of the arrow until the flap springs open.



- Open the funnel.

Do **not** pour any water into the salt compartment!




- Add salt only until the reservoir is full. The salt reservoir holds approx. 2.2 lbs (1 kg) of salt, depending on the type of salt used.

Do not add any more than 2.2 lbs (1 kg) of salt.

If there is water present in the compartment, it may be forced out by the added salt.

- Clean any excess salt from around the reservoir opening, and then close the flap.
- Run the "Pre-rinse" program immediately without a load in order to remove any traces of salt from the chamber.


Salt indicator

- Fill the salt reservoir with dishwasher salt for reactivation when  Refill salt appears in the display.
- Press the center button to confirm.

The salt refill indicator will go out.

After the salt reservoir has been filled, the salt indicator 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 the center button.


The salt indicator is deactivated if the dishwasher is set to a water hardness below 4 gr/gal (4 °dH - German scale).

 Run the "Pre-rinse" or "Short" program immediately without a load in order to remove any traces of salt from the chamber.

Rinse aid


Rinse aid is needed to prevent spotting on dishes and glassware.

The rinse aid is filled in the reservoir and the set amount will be automatically dosed.

 Fill the reservoir with rinse aid only. Do not fill it with liquid dish soap or cleaning agent. This would damage the rinse aid reservoir.

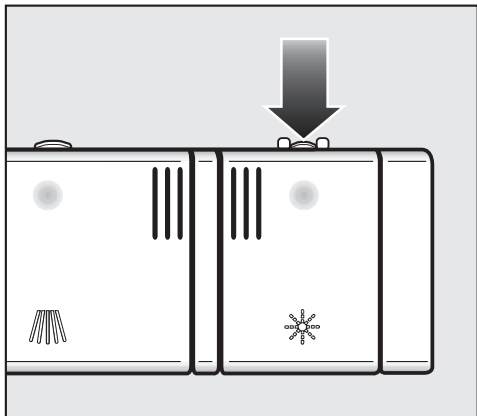
Suitable products are available from Miele Professional.

Alternatively household vinegar with a max. 5 % acid content or liquid citric acid with a max. 10 % acid content can be used. The resulting rinsing and drying quality will not, however, be as good as when rinse aid is used.

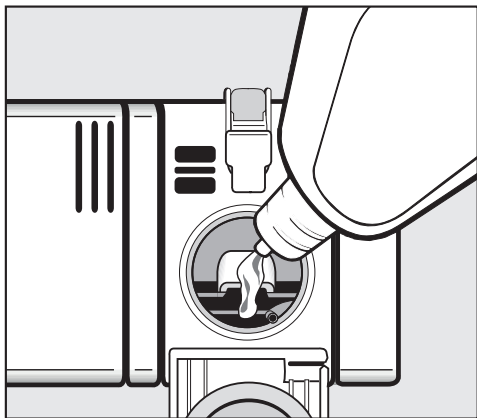
 Do not use vinegar with a higher acid content (e.g. vinegar essence 25 % acid). This would damage the dishwasher.

Commissioning

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. 4 oz (110 ml).

- Close the flap firmly so that it clicks into place. Otherwise water can enter the rinse aid reservoir during a program.

- Wipe up any spilled rinse aid. This prevents over-foaming occurring during the next program.

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

Rinse aid indicator

When the ☼ Refill rinse aid message appears, the reservoir contains sufficient rinse aid for 2 - 3 programs only.

- Add rinse aid.
 - Press the center button to confirm.
- The rinse aid refill indicator will go out.

Preparing the load

Remove coarse food residues from the dishware.

There is no need to rinse items under running water!

Tips

⚠ Ensure that no acid or solvent residues, especially hydrochloric acid or chlorides, get inside the machine.

⚠ Do not wash items soiled with ash, sand, wax, grease or paint in the dishwasher.
These substances will damage the dishwasher.

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

- Load the dishware so that water can access all surfaces. This ensures that the items will be properly cleaned.
- Load plates symmetrically in the upper and lower baskets with the concave surfaces facing the center of the basket (as shown on the following pages).
- Do not place dishes or cutlery inside other pieces. They will cover one another.
- Load the dishware so that water can access all surfaces. This ensures that the items will be properly cleaned.
- Make sure that all items are securely positioned.

- Hollow items such as cups, glasses and pans, etc. should be placed upside down in the baskets.
- Tall and narrow hollow items should be placed in the center of the basket if possible to ensure better water coverage.
- Concave items such as mugs or bowls should be placed at an angle so that the water can run off.
- The spray arms must not be blocked by items which are too tall or hang through the baskets. When in doubt, test for free movement by manually rotating the spray arms.
- Small items can fall through the holders in the baskets. Small items should therefore be placed in the cutlery basket or cutlery tray (depending on model).

Some foods may contain natural dyes, e.g. carrots, tomatoes or ketchup. Plastic items in the dishwasher may discolor if large quantities of these foods find their way into the dishwasher on the dishes. The stability of plastic items is not affected by this discoloration.

Loading the dishwasher

Items not suitable for dishwashers:


- Wooden cutlery and cookware or items with wooden parts: these may discolor 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: such items are 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 aluminum items: these may discolor or become matt.
- Colors painted over a glaze: these may fade after a number of washes.
- Delicate glassware and glassware containing lead crystal: clouding may occur over time.

We recommend

- When purchasing new cookware and cutlery, make sure they are dishwasher-proof.
- Clouding may occur on glasses after frequent washing. If delicate glassware is washed in the dishwasher ensure that only a special glass-care program with very low temperatures (see program chart) is selected and that suitable detergent is used. This will reduce the risk of clouding.

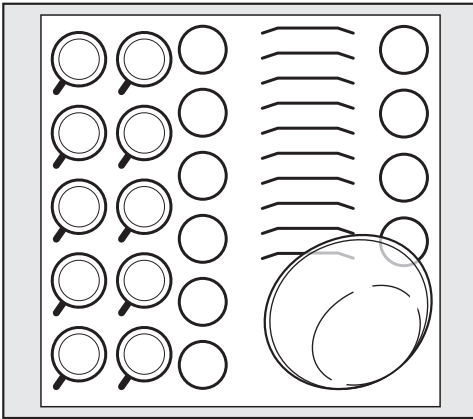
Please note:

Silver and aluminum which has been in contact with foods containing sulfur can discolor.

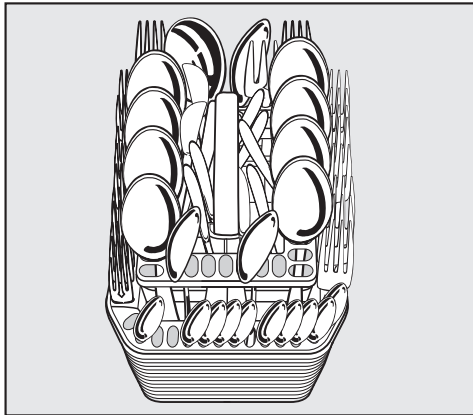
 Aluminum components (e.g. grease filters) must not be cleaned with caustic alkaline commercial or industrial cleaning agents. These may damage the material, or in extreme cases, there is a risk of a severe explosive chemical reaction (such as an explosive oxyhydrogen gas reaction).

Loading the dishwasher

Typical load for 10 place settings with cutlery basket



Upper basket



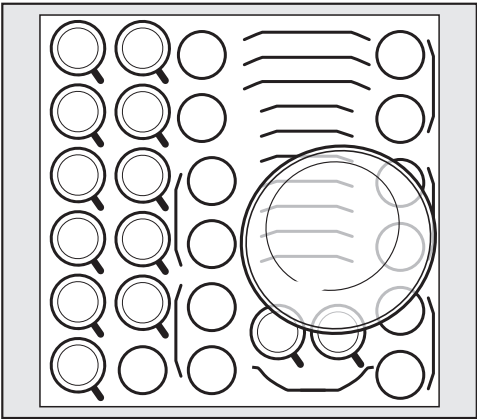
Cutlery basket



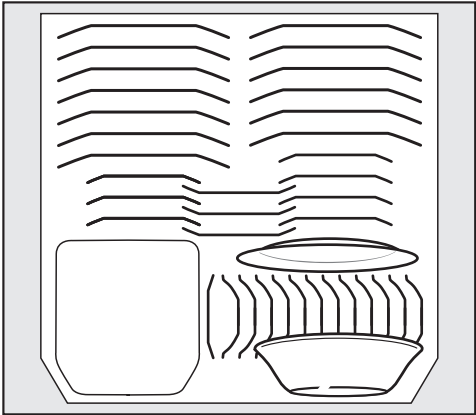
Lower basket

Loading the dishwasher

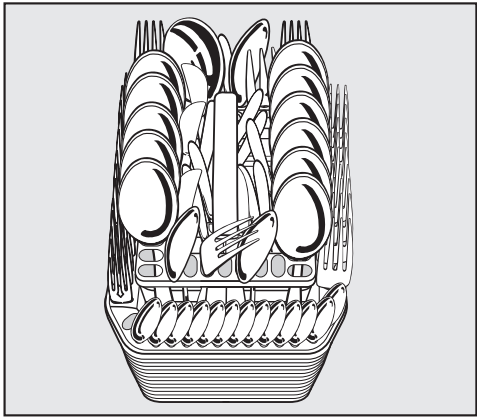
Typical load for 13 place settings with cutlery basket



Upper basket



Lower basket

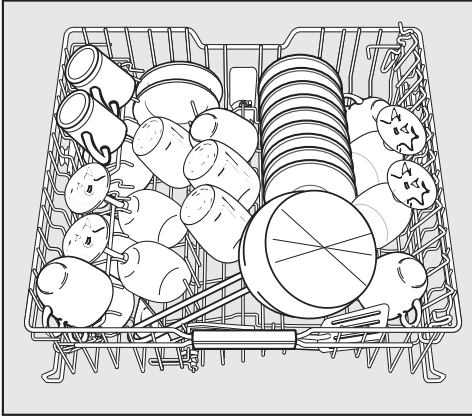


Cutlery basket

Loading the dishwasher

Upper basket

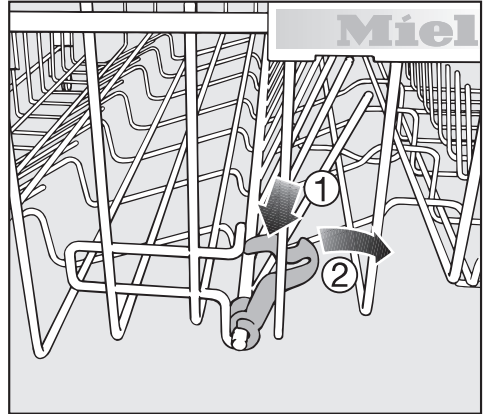
⚠ For safety reasons, do not operate the dishwasher without the upper and lower baskets in place.



- 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 horizontally across the front of the upper basket.

Hinged spikes

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



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

Cup rack

- Raise the rack to make room for tall items.

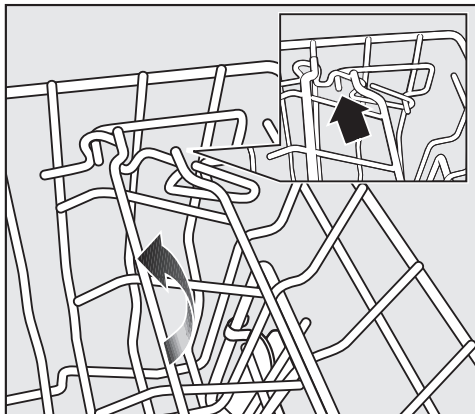
Glasses can be arranged along the positioning rail of the cup rack to give them some support during the program.

- Lower the cup rack and lean the glasses against it or double stack smaller pieces.

Loading the dishwasher

XXL cup rack

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.

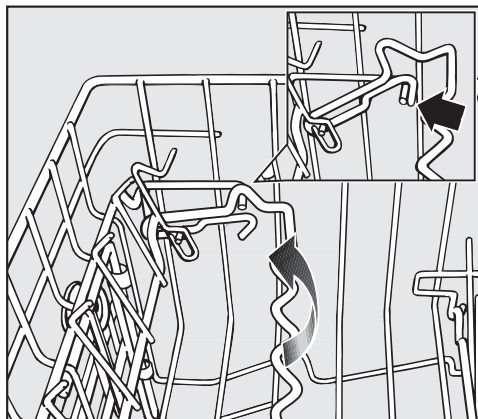
Glass rail

This rail is designed to hold tall glasses and stemware securely.

- Lower the rail and lean tall glasses against it.

Adjusting the height of the glass rail:

You can set the glassware rail at two different heights.



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

Use the lower position for small glasses and tumblers.

Use the higher position for tall glasses and glasses with stems.

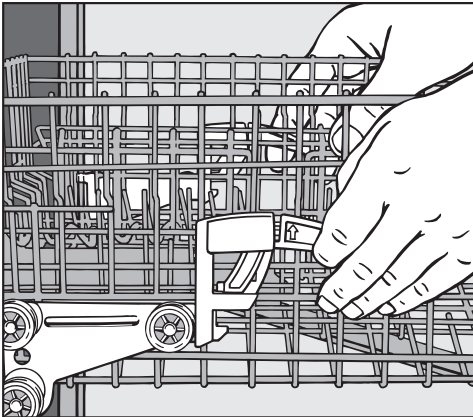
Loading the dishwasher

Adjusting the upper basket

In order to gain more space for individual taller pieces of tableware in the lower or upper basket, the upper basket can be adjusted on three levels with 3/4" (2 cm) between each level.

The upper basket can also be set at an angle with one side high and the other side low to improve water drainage. However, make sure that the basket can slide smoothly in and out of the chamber.

- Pull the upper basket out.



To raise the upper basket:

- Lift the basket 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.

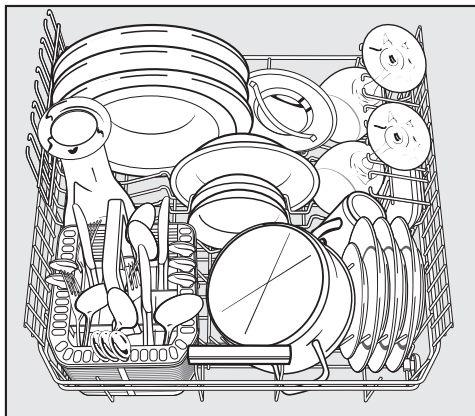
Dishwasher with cutlery basket

Upper basket adjustment	Plate Ø	
	Upper basket	Lower basket
Upper	7 7/8" (20 cm)	12 3/16" (31 cm)
Middle	8 11/16" (22 cm)	11 7/16" (29 cm)
Lower	9 7/16" (24 cm)	10 5/8" (27 cm)

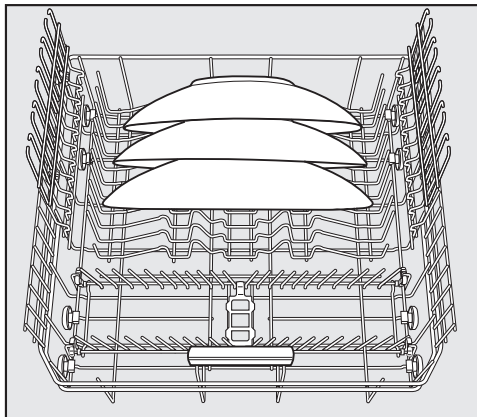
Loading the dishwasher

Lower basket

- Use the lower basket for larger and heavier items such as plates, serving platters, saucepans, serving dishes, etc. Glasses, cups and small items such as saucers can also be placed in the lower basket.



Dishwasher with cutlery basket



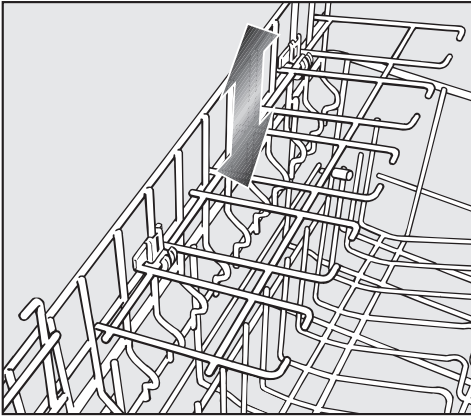
- Place very large plates in the center of the lower basket.

When tilted, plates up to 13 3/4" (35 cm) in diameter can be accommodated.

Glass rack

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

The height of the glass rack is adjustable.

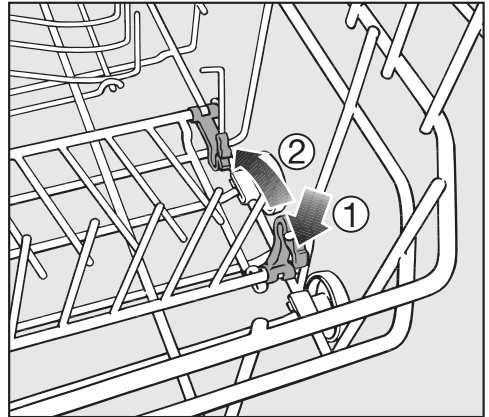


- Slide the glass rack to the desired height until the catches click into place at the top.

Hinged spikes

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

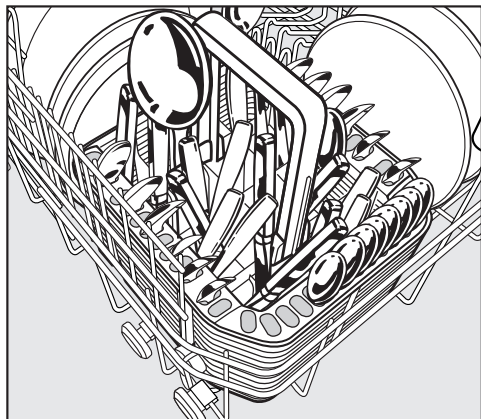
The spikes can be lowered to make more room for large items, e.g. pots, pans and dishes.



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

Loading the dishwasher

Cutlery basket

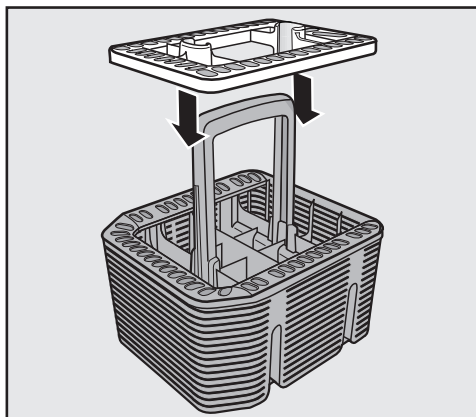


The cutlery basket can be placed anywhere on the front rows of spikes in the lower basket.

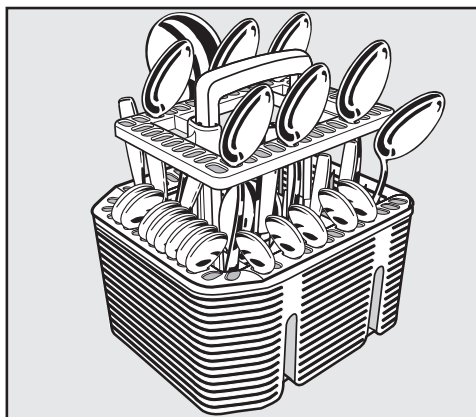
- To avoid the risk of injury, knives and forks should be placed with the handles upwards in the basket. However, cutlery placed handle down in the basket will come out cleaner and drier.
- Place small items of cutlery in the individual slots on three sides of the cutlery basket.

Cutlery insert for the cutlery basket

Use the insert supplied for heavily soiled items of cutlery. The insert separates the items so that they can be more easily accessed by water.



- Fit it onto the cutlery basket if required.



- Insert cutlery with the handles facing downwards. Distribute the cutlery evenly along the insert.

Making better use of the dishwasher

Optional accessories for this dishwasher are available from Miele.

If you would like to ...

you will need to order ...

... wash a Miele Cappuccinatore

... a Cappuccinatore insert for the upper basket

...wash additional cutlery

... a cutlery basket for the lower basket

...wash long-stemmed glassware

...a glass rail for the lower basket

Operation

Detergent

Powder detergents

Use powder detergent or detergent tabs only in the door dispenser compartment.
Suitable products are available from Miele Professional.

Detergent tabs can be used.
Only use detergent tabs that are quick dissolving. Suitable detergent tabs are available from Miele Professional.

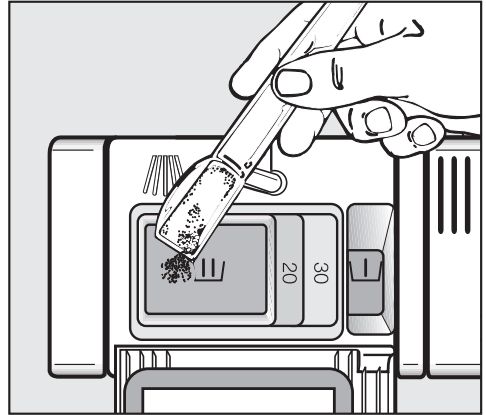
- Add powder detergent or detergent tabs to the detergent compartment.

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 "Program chart").

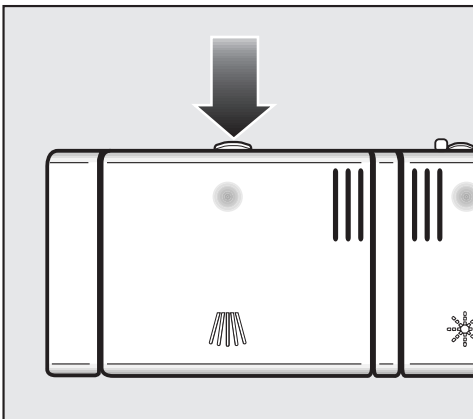
Failure to use the recommended amount of detergent may adversely affect the cleaning results.

⚠ Avoid inhalation of powder detergents and do not ingest dishwasher detergent. Detergents can cause chemical burns in the nose, mouth and throat. Seek medical advice immediately if detergent has been swallowed or inhaled. Keep detergent and other household agents out of the reach of children at all times. Keep children away from the dishwasher when the door is open. There could still be detergent residues in the chamber. To avoid the danger of children coming into contact with the dishwasher detergent, only add detergent just before starting the program and close the door, activating the safety lock.



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

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 program.

Dispensing aid

Compartment I holds max. 0.3 oz. (10 ml),


Compartment II holds max. 1.7 oz. (50 ml) of detergent.

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

They also indicate the approx. level in grams (depending on the manufacturer and the coarseness of the agent).

Operation

Switching on the appliance

- Turn on the water supply if it is turned off.
- Make sure the spray arms are not obstructed.
- Close the door.
- Switch the dishwasher on with the  button.

The factory-set Normal program will appear in the display and the matching indicator light will come on.


After a short while, the estimated program duration for the selected program will appear in the display.

You can also change the setting to the program you last used (see "Settings menu, Program selection").



Selecting a program

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

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

- Select the program required with the  button.

The indicator light for the selected program comes on and the indicator light of the *Start/Stop* button flashes.

When the indicator light next to the  symbol lights up, you can select further programs using the  button. The further programs are shown in the display between the alternating program names and duration.

You can now select additional functions (see "Additional functions").

Starting a program

- Press the *Start/Stop* button.

The program starts.







If any additional functions are selected, the appropriate indicator lights will also light up.

A program should only be cancelled in the first few minutes, if at all. Important program stages (e.g. reactivating the water softener) could otherwise be omitted.

Time display

Before the program starts, the display shows the duration of the selected program in hours and minutes. The remaining runtime is displayed during the program.

Each program phase is indicated by a symbol:

-  Pre-rinse
-  Main wash
-  Interim rinse
-  Final rinse
-  Drying
-  Finished

The displayed program duration may vary with the same program. It is influenced by, among other things, the temperature of the incoming water, the reactivation process of the water softener and the amount of dishes.

When a program is selected for the first time, the display shows an average program duration for warm water.

The program duration changes if the electrical connection is changed.

Standby

To save energy, the dishwasher will switch to Standby mode a few minutes after the last time a button has been pressed or a few minutes after the end of the program. The display and the indicator lights will go out and only the *Start/Stop* indicator will flash slowly.

- Press any button to switch the display back on.


If the dishwasher is not switched off at the end of the program, it will switch off completely after a few minutes in Standby mode (see "Settings menu, Optimize standby").

The dishwasher will not switch to Standby mode while a program is running, if salt or rinse aid needs to be replenished or there is a fault.

You can switch off the refill indicators to replenish salt and rinse aid so that the dishwasher will go into Standby despite a lack of salt or rinse aid (see "Settings menu, Refill display"). You cannot switch off fault messages.

Operation


End of program

The program has finished when  End or AutoOpen appears in the display and the door has opened slightly (if applicable).

If "Extra Drying" was selected and AutoOpen is active, the drying fan will run for a few minutes after the program has ended.

- Open the door completely to re-engage the door closing mechanism.


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 program, then make sure that you open the door fully.

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

Switching off

At the end of a program:

- Turn the dishwasher off with the  button.

The dishwasher will continue to use electricity until it is switched off with the  button.

Tip: If the dishwasher is not going to be used for a longer period of time, e.g., while on vacation, the water supply 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 cool enough to handle before unloading them.

The dishes will cool much faster if you open the door when the program has ended.


Unload the lower basket first, then the upper basket and then the cutlery tray (depending on model).

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

Interrupting a program

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

If the door is closed again, the program 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 chamber to settle. Then raise the door up and push until the catch engages.

Changing a program

If the detergent dispenser flap has already opened, powder detergent must be added for the new program unless liquid detergent is being dispensed.

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

- Press the *Start/Stop* button for at least one second.

The program will be canceled.


- Select the program you want, and then start it.

Additional functions


Additional drying


For better drying results and to reduce the amount of steam that escapes when the door is opened, the "Extra Drying" function extends the fan runtime at the end of the program. This function is not available for all programs (see "Program chart").

When Extra Drying is selected, the program duration will increase by approx. 20-30 minutes, depending on the program.

- Switch the dishwasher on with the  button.

The *Start/Stop* indicator light will flash.

- Select a program.
- Press the + button.

The "+" indicator light will come on if this function is available for the selected program. Otherwise Option not possible appears in the display.


- Press the *Start/Stop* button to start the program.

Delay Start


The start time of a program can be delayed, e.g. to benefit from cheaper electricity tariffs at night. A start time delay of between 30 minutes and 24 hours can be selected. The start time delay is set in 30 minute steps.

When using the delay start function, make sure that the detergent compartment is dry before adding detergent. Wipe dry with a cloth if necessary.


If the compartment is wet, cleaning agent can become lumpy and stick to the dispenser, with the result that it is not fully dispensed.


- Turn the dishwasher on using the  button.

The *Start/Stop* indicator light will flash.

- Select the program you require (see "Operation, Selecting a program").
- Press the  button.

The last start time delay will appear in the display. The "Delay start" indicator light comes on.

- Set the required time using the  button.

If you keep the delay start button pressed in, the time will increase automatically up to 24:00 h. To start at 30 minutes again, press the  button twice.

- Press the *Start/Stop* button.

The "Start/Stop" indicator light will come on.

If you do not press the "Start/Stop" button within a few seconds after you have set the delay start time, the program duration will appear in the display again. You will have to set the delay start time again.

The time starts counting down in minutes until the program start time.

At the end of the delay period, the program selected begins automatically. The time left for a program to run then shows in the display, the "Delay start" indicator light goes out and the "Start/Stop" indicator light comes on.



To prevent children coming into contact with detergent:
Do not fill the detergent dispenser **until just before starting the program**, i.e. before pressing the *Start/Stop* button, and activate the safety lock.

Starting a program before the delay start time has elapsed:

A program can be started before the delay start time has elapsed. Just do the following:






- Press the *Start/Stop* button for at least one second.

The "Delay start" indicator light will go out and the "Start/Stop" indicator light will flash.

- Press the *Start/Stop* button again.

The program starts. The "Start/Stop" indicator light lights up.

Program chart

Program	Application	Detergent	
		The following dosages are based on Miele cleaning agents. Please follow manufacturer's instructions on dosage.	
		Compartment I ¹⁾	Compartment II ¹⁾
 ProSpeed	For fresh, non-sticky food residues.		20 - 25 g or 1 tab
 Universal	For normal, slightly dried food residues.		20 - 25 g or 1 tab
 Pots & Pans	For burnt-on, stubborn, dried-on food deposits containing starch or protein ¹⁾ .	10 g	20 - 25 g or 1 tab
 China & Crystal	Special glassware program.		20 - 25 g or 1 tab
 Sanitize	Special hygiene program for items that need to be hygienically clean		20 - 25 g or 1 tab
Plastics	Special plastics program		20 - 25 g or 1 tab
Glass no rinse aid	Special program for beer glasses. (Instead of being left to dry in the machine at the end of the program, beer glasses are taken out and dried by hand).		20 - 25 g or 1 tab
Normal	Program for completely washing a full load of normally soiled dishware. Energy-saving program with a long running time.		20 - 25 g or 1 tab
Rinse & Hold	To rinse heavily soiled items, e.g. for initial removal of soil or to prevent residues drying on to dishes when a complete program does not yet need to be run.		

¹⁾ see "Operation - Detergent"

Program chart

Program cycle								
Pre-rinse	Clean	Interim rinse I	Interim rinse II ²⁾	Final rinse	Drying	Additional drying	Auto- Open	Water plus
	X 150°F (65°C) 1 min	X 10 s	(X)	X 150°F (65°C) ³⁾ 30 s		(X)	⁴⁾	(X)
	X 150°F (65°C) 10 min	X 3 min	(X)	X 150°F (65°C) ³⁾ 1.5 min		(X)	(X)	(X)
X 8 min	X 165°F (75°C) 10 min	X 3 min	(X)	X 150°F (65°C) ³⁾ 1.5 min		(X)	(X)	(X)
	X 120°F (50°C) 1 min	X 3 min	(X)	X 120°F (50°C) 1 min		(X)	(X)	(X)
X 8 min	X 122°F (50°C) 10 min	X 3 min	(X)	X 179.6°F (82°C) 15 s	X 30 min		(X)	(X)
X 10 min	X 120°F (50°C) 1 min	X 5 min		X 140°F (60°C) 30 s	X 45 min		(X)	
	X 120°F (50°C) 1 min	X 3 min		X - ⁵⁾ 1 min				
	X 118.4°F (48°C) 47 min			X 125.6°F (52°C) 5 min	X 45 min		(X)	
	X Cold 8 min							

X = sections included in a program

(X) = optional sections which can be selected (see "Additional functions")

²⁾ Interim rinse II must be programmed by a Miele service technician.

³⁾ Optional temperature increase to 165°F (75°C).



⁴⁾ No AutoOpen at the end of the program because of the short running time.

⁵⁾ Without rinse aid and with cold water.

Settings menu

Settings menu for changing standard settings

Open the Settings menu

- If the dishwasher is switched on, switch it off with the  button.
- Press and hold the *Start/Stop* button pressed in.
- Switch the dishwasher on with the  button and hold the *Start/Stop* button pressed in for at least 4 more seconds.

The first option of the Settings menu will appear in the display and all the indicator lights will come on.


See "Guide to the appliance, Display" for more information about the display and controls.

- Select the menu option you wish to change.


Submenu options which have already been set are marked with a check ✓.


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*  submenu.

- Select the desired language and press the center button to confirm.

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

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

Water hardness

Your dishwasher is fitted with a water softener assembly. The dishwasher must be programmed for the water hardness in your household connection.

- The dishwasher must be programmed to match exactly the hardness of your water.
- Your local water supplier can tell you the water hardness level in your area.
- Where the water hardness fluctuates, e.g. between 18 - 26 gr/gal (17 - 25 °d - German scale), always program the dishwasher to the higher value (26 gr/gal or 25 °d in this example).
- Select the hardness of your water and press the center button to confirm.

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

°d	gr/gal	Display
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	25	24
25	26	25
26	27	26
27	28	27
28	29	28
29	30	29
30	31	30
31	32	31
32	33	32
33	34	33
34	35	34
35	36	35
36	37	36

Settings menu

Rinse aid

For best results, the rinse aid dosage can be adjusted.

The dosage can be set between approx. 0-6 ml.

The factory setting is 3 ml of rinse aid.

If spots appear on dishware and glassware:

- Increase the rinse aid dosage.

If clouding or smearing appears on dishware and glassware:

- Decrease the rinse aid dosage.

- Select the desired amount of rinse aid and press the center button to confirm.

AutoOpen

To improve drying, the door automatically opens a little at the end of a program, except for Pre-rinse, ProSpeed and Glass no rinse aid (see Program guide).

With the Universal, Intensive and Glasses program, AutoOpen can only be activated by selecting Extra Drying (see "Additional functions, Extra drying").

With the Normal program the door opens during the drying phase.

This function can be deactivated if wished.

- Select the desired setting and press the center button to confirm.



If you have deactivated the automatic door opening function but would still like to open the door at the end of the program, make sure that you open the door fully.

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

Optimize Standby

To save energy, the dishwasher will switch to Standby mode a few minutes after the last time a button has been pressed or a few minutes after the end of the program. The display and indicator lights will go out and only the Start/Stop indicator light will flash slowly.

If the dishwasher is not turned off at the end of the program, it will switch off completely after a few minutes in Standby mode.

Optimize Standby can be switched off if you prefer. If you do this, the display and indicator lights will not go out and the duration before the dishwasher switches off automatically increases to approx. 6 hours.

Doing this will increase energy consumption.

- Select the desired setting and press the center button to confirm.

The dishwasher will not switch to Standby mode while a program is running, if salt or rinse aid needs to be replenished or there is a fault.

Settings menu

Refill indicators

You can switch off the refill indicators to replenish salt and rinse aid so that the dishwasher will go into Standby despite a lack of salt or rinse aid. You cannot switch off fault messages.

If you want the dishwasher to switch to Standby mode in spite of the refill indicators, you can switch both indicator lights off.

- Select the desired setting and press the center button to confirm.

Brightness

There are seven different display brightness settings.

- Select the level of brightness you want and press the center button to confirm.

Contrast

There are seven different display contrast settings.

- Select the contrast you want, and press the center button to confirm.

Filter check

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

You can set an interval between 30 and 60 program cycles.

The "Check filters" message is set at the factory to appear after every 50 program cycles.

This function can be deactivated if wished.

- Select the desired setting and press the center button to confirm.

Detergent quantity

This function only becomes visible when External DOS is activated.

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

- Value in ml
30 ml is set as standard. The dispensed quantity can be modified between 10 and 100 ml in 2 ml steps.
- Value in %
0.50 % is set as standard. The dispensed quantity can be modified between 0.17 and 1.67 % in 0.03 - 0.04 % steps.

Setting the dosage:

Set the dosage according to the detergent manufacturer's recommendations.

The dishwasher uses approx. 6.5 l of water for the main wash cycle.

Example:

The detergent manufacturer recommends 4 ml (or 0.07 %) of detergent per liter of water.

$$6.5 \text{ l} \times 4 \text{ ml/l} = 26 \text{ ml.}$$

$$(6.5 \text{ l} \times 0.07 \%/\text{l} = 0.455 \%)$$


- Select the desired amount of detergent or dosage concentration and press the center button to confirm.

Venting DOS

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

The DOS system must be vented:

- it is being used for the first time,
- if the liquid cleaning agent reservoir was not refilled in time and the DOS system was emptied,
- if the detergent canister 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 center button to confirm.

The venting process begins. The remaining time appears in the display.

The "Pre-rinse" program is offered directly after the venting process is finished. Start the program in order to dilute and drain any detergent that escaped into the wash chamber.

Settings menu

High-temperature final rinse

For better drying, the rinse temperature can be increased for individual programs. This function is not available for all programs (see "Program chart").

- Select the desired setting and press the center button to confirm.

Water plus

When Water plus is selected, more water will be used for the wash cycle. This function is not available for all programs (see "Program chart").

- Select the desired setting and press the center button to confirm.

Program selection

You can choose whether to preset the Normal program or the last selected program when the dishwasher is switched on.

- Select the desired setting and press the center button to confirm.

Showroom program

For demonstration purposes only!

The dishwasher is equipped with various demo programs for showroom use.

- Demo with sound:
This program activates the circulation pump to demonstrate the sound of the dishwasher.
- Demo AutoOpen:
The door will open automatically.

To switch Demo mode on

- Select the desired option.
- Select **On** and press the center button to confirm.
- Close the Settings menu.
- Press the *Start/Stop* button. The demo mode is activated.

To switch Demo mode off

Demo mode ends automatically after one cycle.

Factory default setting

If any settings have been changed from the factory default, you can reset them back to the factory default settings.

An activated external dispensing module and its respective amount of detergent or dosage concentration will not be reset.

- Select **Reset** and press the center button to confirm.

To close the Settings menu

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

- Select **Close menu** and press the center button to confirm.

The last selected program will appear briefly in the display and the appropriate indicator light will come on. After a short while, the estimated program duration will be displayed.

Cleaning and care

Maintenance


In order to increase the dishwasher's service life, the machine should be served by an authorized Miele service technician **after every 750 hours of operation or at least once a year.**

This service work covers the following points:

- Electrical safety check
- Door mechanism and door seal
- Screw connectors and connections in the wash cabinet
- Water intake and drainage
- Internal and external dispensing systems
- Spray arms
- Filter combination
- Collecting basin with drain pump and non-return valve
- All baskets and inserts

As part of the service package, the following functional checks are performed:

- Test run of a program cycle
- Thermoelectric measurement
- Leak test
- Check of all safety-relevant measuring systems (indication of fault status)
- Safety features check

 All surfaces of this appliance are susceptible to scratching.

Contact with unsuitable cleaning agents can alter or discolor all surfaces.

Cleaning the wash chamber

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


If, despite this, lime scale or grease deposits accumulate in the chamber, these can be removed with a proprietary dishwasher cleaner (available from Miele).

Washing at low temperatures can allow germs and odors to build up inside the appliance. To prevent this, run an intensive program with detergent after approx. 20 program cycles with low temperatures.

Cleaning the door and the door seal

- Wipe the door seals regularly with a damp cloth to remove food deposits.
- When the dishwasher is being loaded, food and drink residues may drip onto the sides of the dishwasher door. These surfaces are outside the wash chamber and are not accessed by water from the spray arms. Any soiling should be wiped off these surfaces before the door is closed.

Cleaning the front of the dishwasher

 Remove any soiling immediately. If soiling remains longer, the surfaces can become discolored or changed.

- Clean the front with a clean sponge and a solution of hot water and liquid dish soap. After cleaning, dry with a soft cloth.
A clean, damp microfiber cloth without cleaning agent can also be used.


To avoid damaging the surfaces of the machine, do not use:

- cleaning agents containing soda, ammonia, acids or chlorides,
- lime scale removers,
- abrasive cleaning products, such as scouring powder, scouring liquid, or pumice stones,
- solvent-based cleaning agents,
- stainless steel cleaners;
- dishwasher cleaners;
- oven sprays;
- glass cleaner;
- hard, abrasive sponges and brushes, such as pot scrubbers,
- eraser sponges,
- sharp metal scrapers,
- steam cleaning appliances.

Cleaning and care

Filter system

The filter combination in the base of the wash chamber prevents food from being redeposited on dishes. It also protects the circulation pump from damage caused by foreign objects.

 This dishwasher must not be used without all the filters in place!

Collection of coarse soil 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 program cycles (factory default setting).

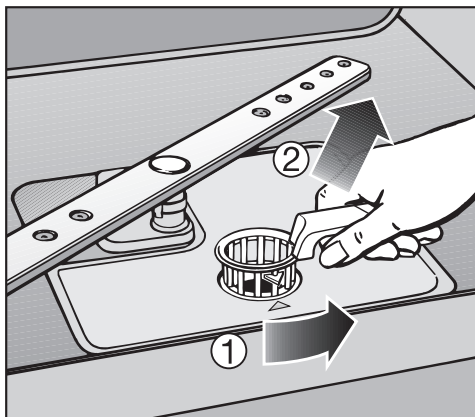
You can turn off the filter check or set the interval for this message to appear between 30 to 60 program cycles (see "Settings menu, Check filter").

- Check the filter combination.
- Clean it if necessary.
- Confirm the message with the center button.


The last selected program will appear briefly in the display and the appropriate indicator light will come on. After a short while, the estimated program duration will be displayed.

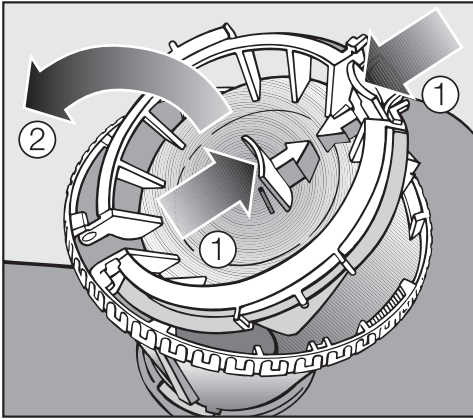
Cleaning the filters

- Turn the dishwasher off.



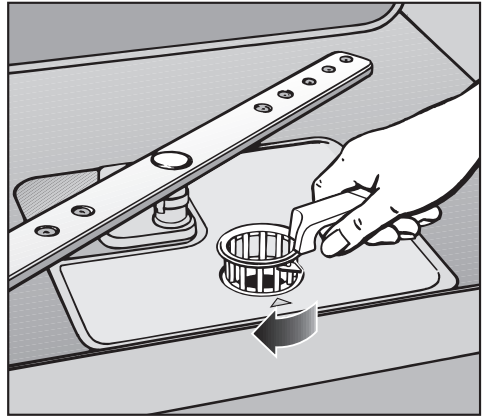
- Turn the handle counterclockwise to release the filter combination ①
- Lift the filter combination out of the dishwasher ②. Remove any coarse particles and rinse the filter well under running water. Use a nylon brush if necessary.

 Make sure that when cleaning the filters, no coarse soil falls into the circulation system, This could cause a blockage.




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

- Press catches ① together in the direction of the arrows as shown, and open the filter ②.
- Rinse all of 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 chamber.
- Then turn the handle clockwise until both arrows point towards each other. This will lock the filter combination in place.

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

Cleaning and care

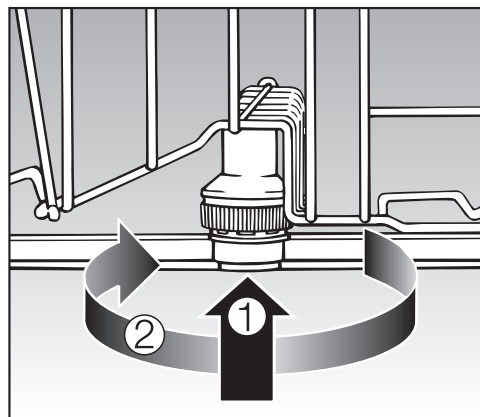
Cleaning the spray arms

Particles of food can get stuck in the spray arm jets and bearings. The spray arms should therefore be inspected and cleaned regularly (approx. every 4 - 6 months).

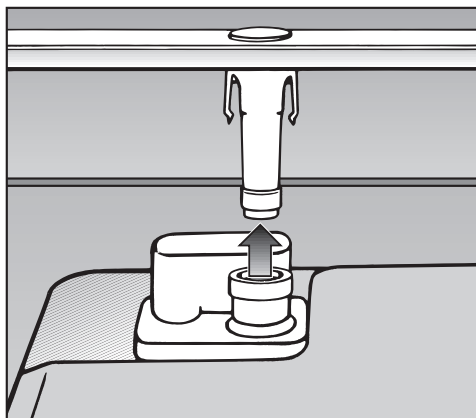
- Turn the dishwasher off.

Remove the spray arms as follows:

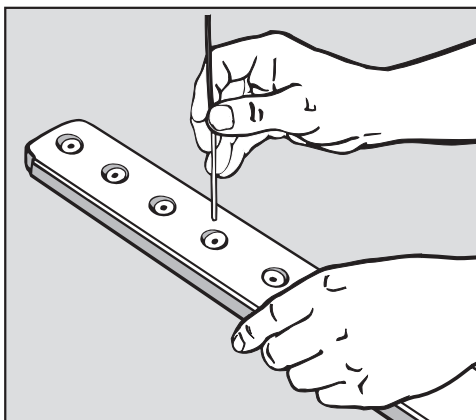
- Take out the cutlery tray (if your dishwasher is fitted with one).



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




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





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

Frequently asked questions



With the help of the following guide, minor faults in the performance of the appliance, some of which may result from incorrect operation, can be corrected without contacting the Service Department.

 Repairs must only be carried out by a Miele technician or a Miele-authorized service agent in accordance with local and national safety regulations. Unauthorized or incorrect repairs and other work by unqualified persons could be dangerous.






Technical problems

Problem	Possible cause and solution
The display remains dark and the "Start/Stop" light does not flash after the dishwasher was turned on using the  button.	The dishwasher is not plugged in. ■ Insert the plug.
	The circuit breaker was tripped. ■ Activate the fuse (see data plate for minimum fuse rating).
The dishwasher stops during a program.	The circuit breaker has tripped. ■ Reset the circuit breaker (see data plate for the correct fuse rating). ■ If the circuit breaker trips again, contact Miele Customer Service.
Power outage during operation	If a temporary power outage occurs during a program sequence, no measures are required. The program which was running continues without interruption. If the temperature in the wash chamber drops below the minimum value required for the program block during the power outage, the program block is repeated. In case of a power outage of ≥ 20 hours, the entire program is repeated.
One of the following fault messages is displayed:	Before remedying the fault: ■ Turn the dishwasher off using the  button.

Frequently asked questions






Problem	Possible cause and solution
 Fault FXX	<p>There may be a technical fault. After several seconds:</p> <ul style="list-style-type: none">■ Turn the dishwasher back on.■ Select the desired program.■ Press the <i>Start/Stop</i> button. <p>If the fault message is displayed again, there has been a malfunction.</p> <ul style="list-style-type: none">■ Contact Miele Service.
 Waterproof	<p>The Waterproof system was activated.</p> <ul style="list-style-type: none">■ Close the water supply valve.■ Contact Miele Service.

Faults with water intake or drainage


Problem	Possible cause and solution
 Open water supply	<p>The water supply is turned off.</p> <ul style="list-style-type: none"> ■ Open the water supply valve all the way.
 Water intake	<p>Before remedying the fault:</p> <ul style="list-style-type: none"> ■ Turn the dishwasher off with the  button.
	<p>There is a problem with the water intake.</p> <ul style="list-style-type: none"> ■ Turn on the water supply fully and start the program again. ■ Clean the water intake filter (see "Frequently asked questions"). ■ The water pressure at the intake is lower than 4.35 psi (0.3 bar). Contact a plumber.
 Drain	<p>Before remedying the fault:</p> <ul style="list-style-type: none"> ■ Turn the dishwasher off with the  button.
	<p>The water outlet is restricted. There might be water in the wash chamber.</p> <ul style="list-style-type: none"> ■ Clean the filter combination (see "Cleaning and care"). ■ Clean the drain pump (see "Frequently asked questions"). ■ Clean the non-return valve (see "Frequently asked questions"). ■ Remove any kinks or high loops in the drain hose.

Frequently asked questions

General problems with the dishwasher

Problem	Possible cause and solution
The indicator lights and the display are dark. Only the "Start/Stop" indicator light flashes slowly.	The indicators and the display switch off automatically to save energy (Standby mode). ■ Press the  button. Standby comes to an end.
The following fault message appears in the display:  Salt container lid	The salt reservoir cover is not properly closed. ■ Close the salt reservoir cover. If the salt reservoir cover opened during a program: ■ Switch the dishwasher off and then on again with the  button. ■ Start the program again.
The following fault message appears in the display during a program:  Spray arm blocked	The middle spray arm is blocked by individual dishes. ■ Open the dishwasher door and rearrange the items which are obstructing the spray arm. The spray arm jets of the middle arm are clogged. ■ Turn the dishwasher off with the  button. Then: ■ Clean the spray arm (see "Cleaning and care").
Detergent residue is left in the detergent compartment at the end of a program.	The detergent compartment was still damp when detergent was added. ■ Make sure the compartment is dry before adding detergent.
The detergent dispenser flap cannot be closed.	Detergent residue is blocking the latch. ■ Remove the detergent residue.
The inside of the door and/or the interior walls are wet after a program has finished.	This is not a fault. It is caused by the drying system. The moisture will dissipate after a short while.

Frequently asked questions

Problem	Possible cause and solution
Water remains in the wash chamber at the end of a program.	Before remedying the fault: ■ Turn the dishwasher off with the  button.
	The filter combination in the wash chamber is clogged. ■ Clean the filter combination (see "Cleaning and care").
	The drain pump or non-return valve is blocked. ■ Clean the drain pump or the non-return valve (see "Frequently asked questions").
	The drain hose is kinked. ■ Remove the kink.
Some programs run for a long time.	This is not a fault. Some special programs have long running times. Select a different program (see "Program chart").
Although AutoOpen has been selected, the door remains closed at the end of ProSpeed and the dishes are still moist.	This is not a fault. The AutoOpen function is not available with the ProSpeed program due to its short duration. To improve the drying, raise the rinse temperature (see "Setting menu - High temp rinse").

Frequently asked questions

Noises

Problem	Possible cause and solution
There is a knocking noise in the wash cabinet.	A spray arm is hitting the dishware. ■ Interrupt the program, and rearrange the items which are obstructing the spray arm.
There is a rattling noise in the wash cabinet.	Dishware is moving around in the wash cabinet. ■ Interrupt the program and rearrange loose pieces. A foreign object (e.g. a cherry pit) has become lodged in the drain pump. ■ Remove the foreign object from the drain pump (see "Cleaning the drain pump and non-return valve").
There is a knocking noise from the water pipe	This may be caused by the installation or the diameter of the water pipe. This has no effect on the functioning of the dishwasher. ■ If in doubt, contact a plumber.

Poor cleaning results


Problem	Possible cause and solution
The dishes are not clean.	The dishes were not loaded correctly. ■ See notes in "Loading the dishwasher".
	The program was not suitable for the requirements. ■ Select a more suitable program (see "Program guide").
	Not enough detergent was dispensed. ■ Increase the dosage.
	The detergent used is not suitable for the type of soiling present. ■ Switch to another 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 chamber 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").
	The non-return valve is open and blocked. Dirty water has flowed back into the wash chamber. ■ Clean the drain pump and the non-return valve (see "Frequently asked questions").
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").
Dishware is not dry or cutlery and glasses are spotty.	The rinse aid dosage is set too low or the rinse aid reservoir is empty. ■ Replenish the rinse aid, increase the dosage or change the brand of rinse aid used (see "Adding rinse aid").
	Dishware was taken out of the chamber too soon. ■ Leave it in for longer (see "Operation").

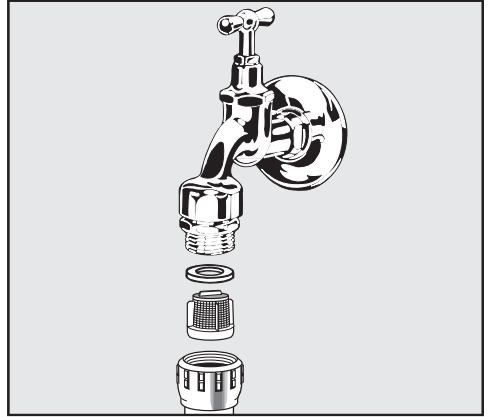
Frequently asked questions

Problem	Possible cause and solution
White residue is visible on the dishware. Clouding occurs on glassware and cutlery; the deposit can be wiped off.	The rinse aid dosage is too low. ■ Increase the dosage (see "Settings menu, Rinse aid").
	The salt reservoir is empty. ■ Fill the reactivation salt reservoir (see "Filling the salt reservoir").
	The softener assembly is programmed too low for the water hardness level. ■ Program the softener assembly to the correct value (see "Settings, Water hardness").
Glasses have a brownish-blue discoloration; the deposit cannot be wiped off.	Detergent deposits. ■ Switch to another detergent right away.
Glasses are dull and discolored; the deposit cannot be wiped off.	The glassware is not dishwasher-safe. The surfaces are affected. ■ Purchase glassware which is dishwasher-safe.
Tea or lipstick stains have not been completely removed.	The wash temperature of the selected program was too low. ■ Select a program with a higher wash temperature.
	The bleaching effect of the detergent is too low. ■ Switch to another detergent.
Plastic parts are discolored.	Natural dyes e.g. from carrots, tomatoes or ketchup may be the cause. The amount of detergent used or its bleaching effect was not sufficient to deal with natural dyes. ■ Use more detergent (see "Operation, Adding detergent"). Discolored plastic items will not regain their original color.
There are rust stains on the cutlery.	A program was not run after reactivation salt was added. Traces of salt entered the wash cycle. ■ Always run the "Rinse & Hold" program without a wash load after refilling salt.
	The affected items are not corrosion resistant. ■ Purchase cutlery which is dishwasher-proof.

Cleaning the water intake

A filter is incorporated in the screw connection of the water intake valve. The filter must be cleaned when dirty; otherwise, insufficient water flows into the wash chamber.

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



Recommendation

If your water supply contains a large number of insoluble substances, we recommend fitting a large-area filter in the connection between the water supply valve and the water inlet hose threaded union. This filter is available from Miele.

To clean the filter:

- Disconnect the dishwasher from the electrical supply (switch the dishwasher off, unplug it or disconnect or disable the fuse/circuit breaker).
- Close the water supply valve.
- Unscrew the water intake valve.

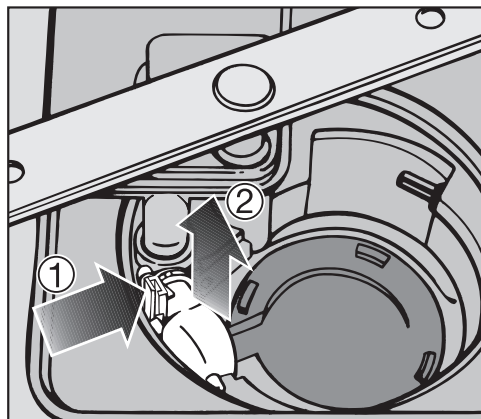
- Take the seal ring out of the screw connection.
- Withdraw the filter using pointed pliers and rinse clean under running water.
- Take care when withdrawing the filter not to pull out or dislodge the flow regulator located underneath the filter.
- Replace the filter and washer, making sure they are sitting correctly.
- Reconnect the water intake valve to the faucet, making sure it goes on correctly and is not cross-threaded.
- Open the water faucet gradually to test for leaks.
If there is a leak, the inlet hose might not be secured properly, or it may have been screwed on at an angle. Unscrew and reconnect the water inlet hose correctly before tightening it.

Frequently asked questions

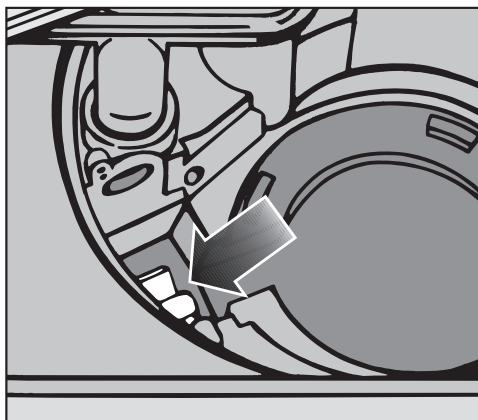
Cleaning the drain pump and non-return valve

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

- Disconnect the dishwasher from the electrical supply (switch the dishwasher off, unplug it or disconnect or disable the fuse/circuit breaker).
- Take the filter combination out of the wash chamber (see "Cleaning and care", "Cleaning the filters").
- Scoop the water out of the wash chamber using a suitable container or utensil.



- Press the catch for the non-return valve inwards ①.
- Lift out the non-return valve ② and rinse it well under running water.
- Remove all foreign objects from the non-return valve.



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

- Remove all foreign objects from the drain pump carefully (watch out for glass splinters which are particularly difficult to detect). 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 reinsert the non-return valve and secure it with the locking clamp.

⚠ Make sure the locking clamp clicks into place!

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

Repairs

In the event of any faults that you cannot remedy yourself, please contact:

- the Miele Service Department, or
- your Miele dealer or
- a qualified specialist.

■ When contacting Miele, you will need the model and serial number of your dishwasher.

These can be found on the data plate along the right edge of the open door.


PC Update

The Program Correction (PC) allows a technician to update the dishwasher to make use of new technology.

These updates can only be performed by a Miele Service Technician.

Electrical connection

Electrical connection

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

- The electrical installation must be in compliance with national and local codes.
- The dishwasher can be plugged into an electrical outlet (the outlet must be accessible after installation). This will then make it easier to perform an electrical safety check, e.g. during repair or service work.
- If the dishwasher is permanently wired to the electricity supply, a main switch capable of disconnecting the dishwasher at all poles must be installed. This switch must have a contact gap of at least 3 mm and also be lockable in the Off position.
- For increased safety, it is recommended to protect the machine with a suitable ground fault circuit interrupter with a trip current of 30 mA.
- If necessary, equipotential bonding must be carried out.
- The power cord may only be replaced with an original Miele part.
- For technical data, see the data plate or the attached wiring diagram!

The dishwasher must only be operated with the voltage, frequency and fuse rating shown on the **data plate**.

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


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 dishwasher.

The **conversion diagram** is attached to the base panel behind the plastic base cover.

Removing the base cover

The electrical terminal is located behind the front cover in the middle of the dishwasher base.

 Disconnect the dishwasher from the electrical power supply!

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

- Unscrew the 2 screws (left and right) and remove the base panel.
- Screw the base panel back on when work on the connection is finished.

Please refer to the installation diagram provided.

Grounding connection

The ground lead must be connected to the screw connection point (marked with the ground symbol \downarrow) at the back of the machine.


WARNING
THIS APPLIANCE MUST BE GROUNDED

Plumbing

The Miele WaterProof System

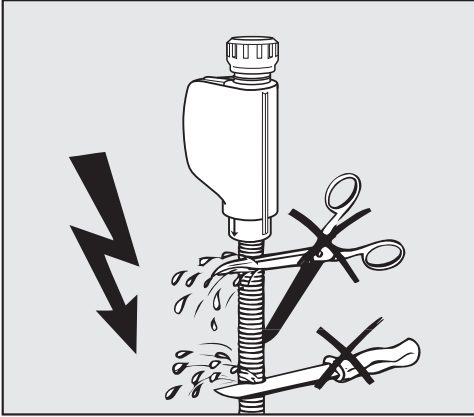
Provided your dishwasher has been installed correctly, the Miele Waterproof system will provide protection against water damage throughout its lifetime.

Water intake

 The water in the dishwasher is NOT safe to drink!

- The dishwasher's connection to the water supply system must be in compliance with local codes.
- The water quality should satisfy local drinking water requirements.
A high iron content can lead to external rust deposits on the wash load and the dishwasher itself.
A chloride concentration greater than 100 mg/l in the process water significantly increases the risk of corrosion for the wash load.
- In certain regions (e.g. mountainous areas), the typical water composition can cause precipitates to form, which in turn requires the use of softened water for the dishwasher.
- A device for preventing the return flow of water is not necessary, as this dishwasher conforms to the applicable standards for the protection of drinking water.
- Water pressure: Must be between 4.35 - 145 psi (0.3 - 10 bar).
If the water pressure is lower than this, the fault message *Water intake* will appear in the display (see "Frequently asked questions").
If the water pressure is too high, a pressure reducer valve must be fitted.
- A shut-off valve 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 intake hose is an approx. 59" (1.5 m) long DN 10 pressure hose with a $\frac{3}{4}$ " screw connection. A 59" (1.5 m) flexible metal hose (test pressure: 140 bar) is available as an extension. Do not remove the filter and flow regulator from the screw connection.

⚠ To avoid any damage to the appliance, the dishwasher must only be connected to fully vented pipework.



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

Plumbing

Connection to the drainage system

- The dishwasher drain contains a built-in non-return valve which prevents dirty water from flowing back into the dishwasher via the drain hose.
- The dishwasher drainage hose should be connected to a **separate** on-site drain for the dishwasher only. If no separate drain is available, we recommend connecting it to a dual-chamber siphon.
- The dishwasher is equipped with a 59" (1.5 m) long flexible drain hose (clear width of 7/8" (22 mm)). Clamps for connecting the hose are included with the dishwasher.
- Do not shorten the drain hose! The hose can be extended by a connecting piece and an additional hose. The length of the drainage line may not exceed 13' (4 m) and the delivery head must be no higher than 39" (1 m).
- The drainage system must be able to handle a discharge rate of at least 4.2 g/min (16 l/min).

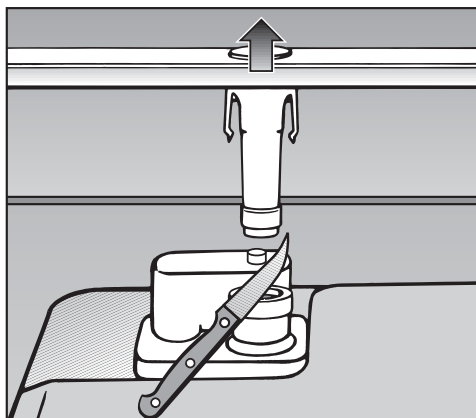
⚠ Make sure that there are no kinks in the hose, and that it is not crushed or stretched.

Venting the drain

If the on-site drain connection is situated lower than the guide path for the bottom basket rollers in the open door, the drain must be vented. Otherwise a siphoning effect during a program 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 chamber.

Technical details

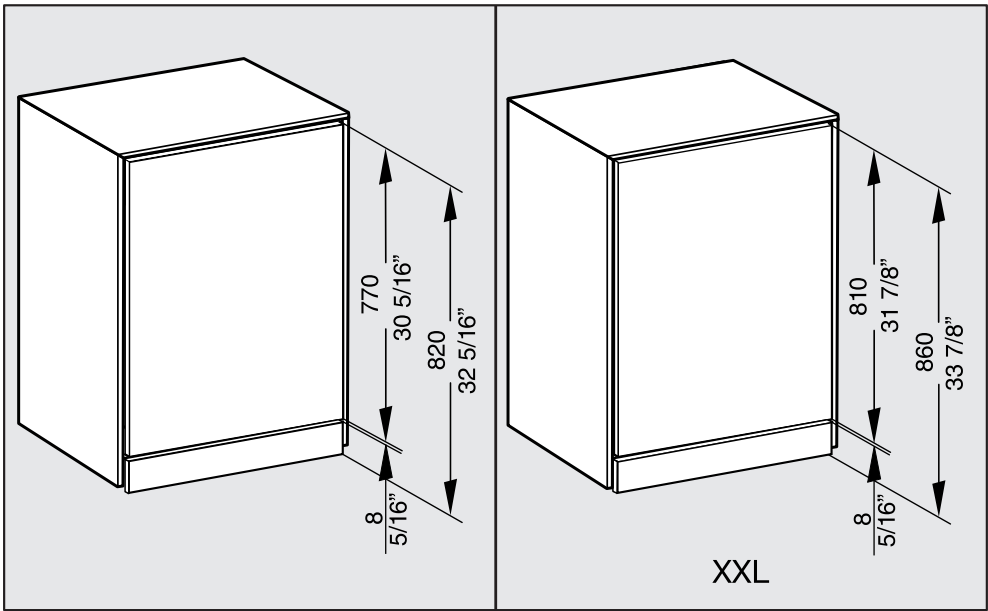
Commercial Dishwasher model	PG 8080i
Height	32 1/10" (805 mm) (adjustable + 2 9/16" (65 mm))
Installation height	32 1/10" (805 mm) (adjustable + 2 9/16" (65 mm))
Width	23 9/16" (59.8 cm)
Installation width	23 5/8" (600 mm)
Depth	22 7/16" (570 mm)
Weight	125 lb (56.5 kg)
Voltage Connected load Fuse rating	See data plate
Water pressure (supply pressure)	4.35 - 145 psi (30 - 1,000 kPa)
Cold or hot water supply	max. 140°F (60°C)
Water hardness	37.5 gr/gal (36°d)
Drain pump height	3' 3 3/8" (1 m)
Drain hose length	13' 1 1/2" (4 m)
Power cable length	5' 7" (1.7 m)
Capacity	13 place settings
Noise emission values Sound power in LwA Sound pressure in LpA	49 dB (A) 38 dB (A)
Manufacturer's address	Miele & Cie. KG, Carl-Miele-Straße 29, 33332 Gütersloh, Germany

Sound emission tests

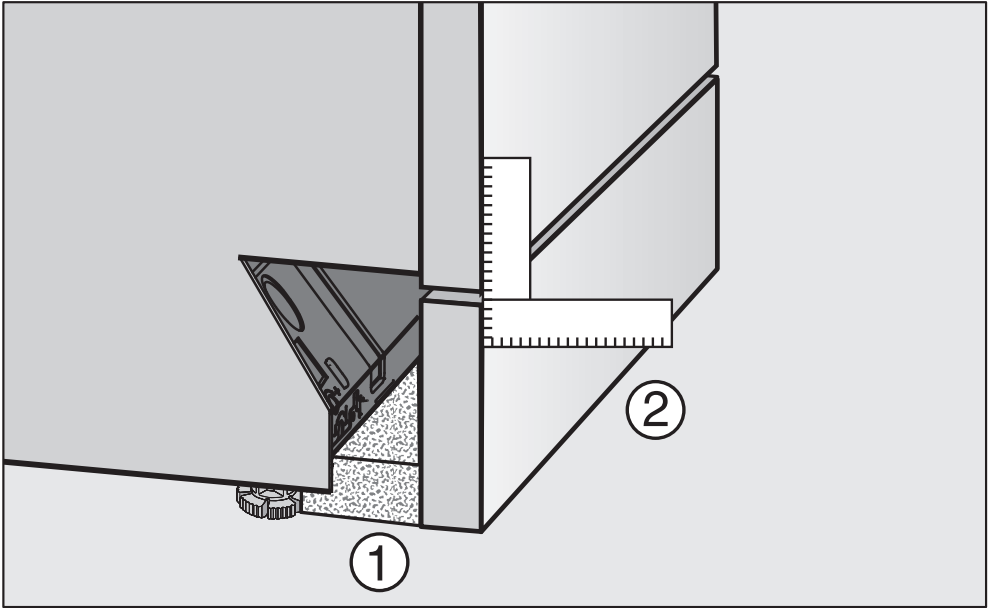
Setup for sound emission tests

Test standard IEC 60704-2-3

The dishwasher needs to be set up according to the following information:



- Install the dishwasher into an analyzing unit.
- Secure the front panel.



- Push the provided fleece strips (depending on model) under the toe-kick until it is flush with the appliance feet ①
- Push the toe-kick into place in such a way that it is flush with the door front ②.

Please have the model and serial number
of your machine available when
contacting Technical Service.



U.S.A.

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