Operating and Installation Instructions
Washer



To prevent accidents and appliance damage, read these instructions **before** installation or use.

en-CA, US

M.-Nr. 12 864 770

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Help protect our 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.

⚠ WARNING

To reduce the risk of fire, electric shock or injury to persons while using your appliance follow basic safety precautions, including the following:

▶ Read all instructions before using the appliance.

▶ GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipmentgrounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

▶ WARNING - Improper connection of the equipment-grounding conductor may result in a risk of electric shock. Check with a qualified electrician if you are in doubt as to whether the appliance is properly grounded.

▶ Do not modify the plug provided with the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

▶ Do not install or use a washer with visible damage.

▶ Do not install or store this appliance where it will be exposed to the weather.

▶ Do not install your washing machine where temperatures below freezing may occur. Frozen hoses may burst under pressure. The reliability of the electronic control unit may be impaired at temperatures below freezing.

▶ Before connecting the machine, ensure that the connection data on the data plate (fusing, voltage and frequency) match the mains electrical supply. If in doubt contact an electrician.

▶ Do not use an extension cord to connect this appliance to the power supply. Extension cords do not guarantee the required safety of the appliance (e.g. danger of overheating).

▶ This appliance is not designed for maritime use or for use in mobile installations such as recreational vehicles or aircraft. However, under certain conditions it may be possible for an installation in these applications. Please contact the Miele Service Dept. with specific requirements.

IMPORTANT SAFETY INSTRUCTIONS

▶ Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in these operating instructions.

▶ If the power cord is damaged it must only be replaced by a Miele Service technician with a genuine Miele power cord.

▶ Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more. HYDROGEN GAS IS EXPLOSIVE. If the hot water system has not been used for such a period, turn on all hot water faucets and let the water flow from each for several minutes before using the washing machine. This will release any built-up hydrogen gas. Do not smoke or use an open flame during this time, the gas is flammable.

▶ Before the appliance is removed for service or discarded, remove the door.

Use

▶ Do not allow children to play on or in the appliance. Close supervision is necessary when the appliance is used near children.

▶ The drum door glass will be hot when washing at very high temperatures. Do not touch the glass. Danger of burns! Keep children away from the washer when in use.

▶ Only use the washing machine to wash items which are specified by the manufacturer to be machine washable on the fabric care label. Any other applications may be dangerous.

▶ Do not wash articles that have been previously cleaned, washed, soaked or spotted with gasoline, dry-cleaning solvents or other flammable substances. These articles give off vapors that could ignite or explode. Do not add these items to the wash load.

▶ Do not add gasoline, dry-cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors which could ignite or explode.

▶ Do not use cleaning solvents on or near the machine or the controls. Contact with cleaning solvents will damage the surface..

▶ Do not reach into the appliance if the drum is moving.

▶ Do not tamper with the controls.

SAVE THESE INSTRUCTIONS

▶ Miele tumble dryers and Miele washing machines can be installed as a washer-dryer stack. A Miele washer-dryer stacking kit is required as an optional accessory for this. Please ensure that the washer-dryer stacking kit is suitable for the Miele tumble dryer and the Miele washing machine.

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

▶ Should detergent enter the eyes, rinse out immediately with plenty of lukewarm water. If accidentally ingested, seek medical advice immediately. People who have sustained damage to the skin or who have sensitive skin should avoid contact with the detergent.

▶ Be careful when opening the door following use of the steam function. There is a danger of burning due to escaping steam and the high temperature of the surface of the drum as well as the porthole glass. Step back and wait until the steam has dissipated.

▶ The maximum dry laundry weight is 17.6 lb (8 kg). See the "Program guide" for the maximum recommended loads for individual programs.

▶ This washing machine is supplied with a special lamp to cope with particular conditions (e.g., temperature, moisture, chemical resistance, abrasion resistance, and vibration). This special lamp must only be used for the purpose for which it is intended. It is not suitable for room lighting. Replacement lamps may only be fitted by a Miele authorized person or by Miele Technical Service.

▶ Temporary or permanent operation on an autonomous power supply system or a power supply system that is not synchronized with the grid power supply (e.g., island networks, back-up systems) is possible. A prerequisite for operation is that the power supply system complies with national and local codes.
The function and operation of the protective measures provided in the domestic electrical installation and in this Miele product must also be maintained in isolated operation or in operation that is not synchronized with the grid power supply, or these measures must be replaced by equivalent measures in the installation.

IMPORTANT SAFETY INSTRUCTIONS

FCC Declaration of Conformity

▶ These devices comply with FCC Rules Part 15. This equipment has been tested and found to be in compliance with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules of Operation and is subject to the following conditions:
These devices may not cause harmful interference.
These devices must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement

▶ This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 8" (20 cm) between the radiator and your body.

Industry Canada Statement

▶ This digital apparatus does not exceed the Class B limits for Radio Noise Emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Complies with Canadian ICES-003 Class B specifications.

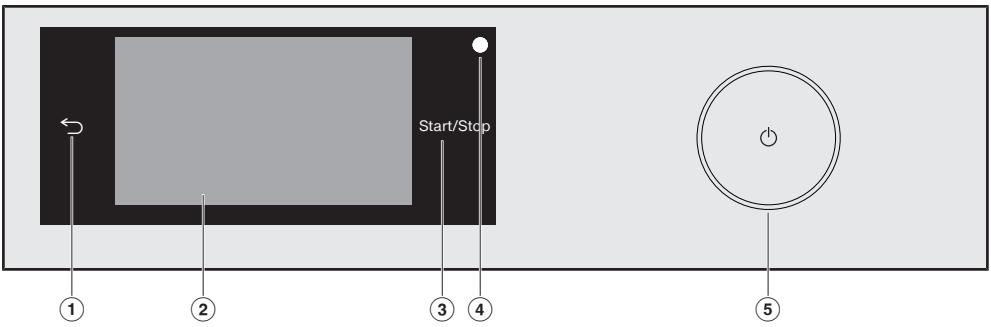
California Proposition 65

⚠ WARNING

This product can expose you to chemicals mineral oils[1], Nickel (Metallic)[1], Diisononyl phthalate (DINP)[1] and Di-isodecyl phthalate (DIDP)[2], which are known to the State of California to cause [1]cancer and [2]birth defects or [2]other reproductive harm.

For more information go to www.P65Warnings.ca.gov.

Control panel



① ⮌ **sensor button**
Takes you back one level in a menu.

② **Touch display**

③ ***Start/Stop* sensor button**
Touching the *Start/Stop* sensor button starts the selected program or cancels a program that has already been started. The program can be started as soon as the sensor button is flashing on and off. The sensor button lights up constantly once the program has started.

④ **Optical interface**
This is used by the Service department as a transmission point.

⑤ ⏻ **button**
For switching the washing machine on and off. To save energy, the washing machine will switch off automatically. This occurs 15 minutes after the end of the program/anti-crease phase, or after being switched on if no further selection is made.

Touch display and sensor buttons

The ⮌ and *Start/Stop* sensor buttons and the sensor buttons in the display react to finger tip contact.

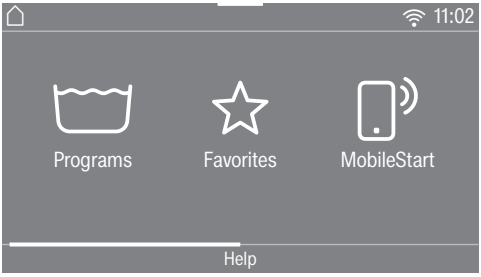
The touch display can be scratched by pointed or sharp objects, e.g., pens.
Only touch the display with your fingers.

Main menu

After switching on the washing machine, the main menu will appear in the display.

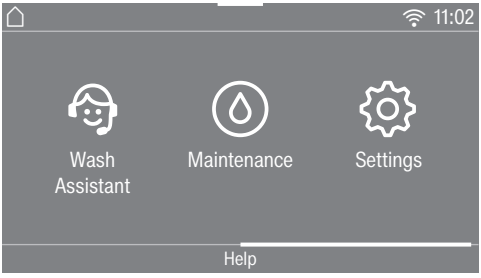
You can access all the important submenus from the main menu.

Touch the ⌂ sensor button at any time to return to the main menu. Values set previously are not saved.



Main menu page 1

You can scroll to the second page of the main menu by swiping your finger across the display.



Main menu page 2

The ᯤ symbol next to the time of day is displayed when the washing machine is connected to a network.

Programs

You can select the various wash programs.

☆ Favorites

You can save up to 12 of your own customized wash programs (see “Favorites”).

MobileStart

MobileStart enables you to operate your washing machine remotely with the Miele app.

The Remote control setting must be switched on.

Touch the MobileStart sensor button and follow the instructions in the display.

Wash Assistant

The *Wash Assistant* provides a step-by-step guide to selecting the optimum wash program for your laundry (see “Washing assistant”).

Maintenance

Maintenance options for the TwinDos system and the Clean Machine program are located in the Maintenance menu (see “Cleaning and care”).

Settings

You can alter the washing machine’s electronics to suit changing requirements in the *Settings* menu (see “Settings”).

Examples on how to operate the appliance

Option lists

Programs menu (single selection)



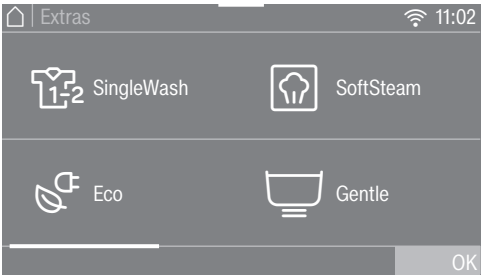
You can scroll to the right or the left by swiping your finger across the screen. Place your finger on the touch display and swipe it in the direction you want.

The orange scroll bar under the pictures shows that there are further options to choose from.

To select a wash program, touch a program name.

The display will change to the standard menu for that program.

Extras menu (multiple selection)



You can scroll to the right or the left by swiping your finger across the screen. Place your finger on the touch display and swipe it in the direction you want.

The orange scroll bar under the pictures shows that there are further options to choose from.

To select *Extras*, touch one or more sensor buttons with *Extras*.

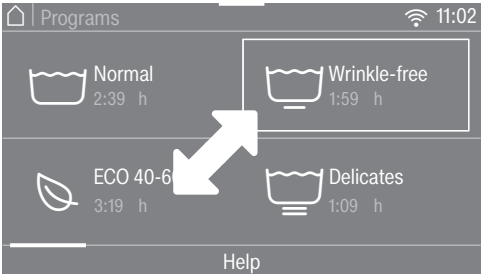
Currently selected *Extras* are highlighted orange.

To deselect an *Extra*, simply touch the *Extra* sensor button again.

Touch the OK sensor button to activate all selected *Extras*.

Moving programs

You can move the programs around in the menu to change the sequence in which they are displayed.

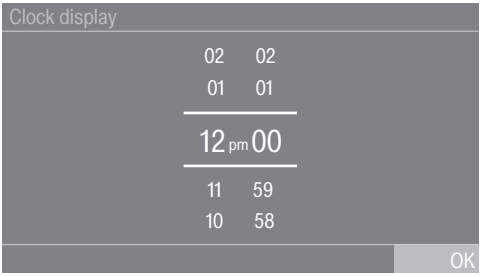


- Place your finger on the program you wish to move until a border is displayed around it.
- To move the program, swipe your finger in the required direction.
- Remove your finger when the program reaches the new location.

The program has moved.

Setting numerical values

You can set numerical values in some menus.

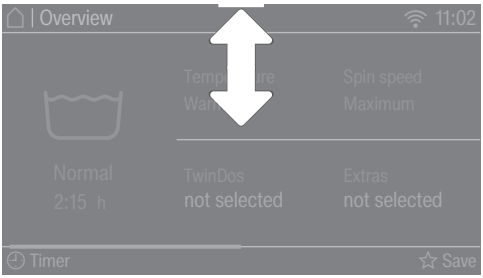


Enter the numbers by swiping upward or downward. Place your finger on the number that you want to change and move your finger in the direction you want. Touch the OK sensor button to accept the set numerical value.

Tip: Briefly touching the numbers will bring up the numerical keypad. Once a valid number has been entered, the OK sensor button will be highlighted green.

Pull-down menu

The pull-down menu can be used to display information, e.g., about a wash program.



Touch the top edge of the screen in the middle and drag down with your finger.

Help display

Help appears along the bottom line of the display in the main menu and the Programs menu.

- Touch the Help sensor button to display the text.
- Touch the Close sensor button to return to the previous screen.

Exiting a menu

- Tap the ⮌ sensor button to return to the previous screen.

Entries made before this which have not been confirmed with OK will not be saved.

Energy and water consumption

- Make use of the maximum load that the wash program can accommodate. This will keep the energy and water consumption to a minimum in relation to the size of the load.
- When smaller amounts of laundry are washed, the washing machine's automatic load control system will reduce the amount of water and energy used.
- Use the *Express* program for small, lightly soiled loads.
- Modern detergents make it possible to wash at lower temperatures. Using the corresponding temperature settings will save energy.
- Washing at low temperatures and/or using liquid detergents can cause bacteria and odors to build up in the washing machine. Miele therefore recommends cleaning the washing machine once every month.

  The washing machine provides you with a reminder with the message Hygiene info: Select "Maintenance" and run the "Clean Machine" program. in the display.

Detergent consumption

- Use the TwinDos system for exact dispensing.
- Adjust the dosage to the level of soiling of the laundry.
- Do not exceed the amounts of detergent recommended on the packaging.
- Only use high efficiency detergent with the following label:

When drying with a tumble dryer

Select the highest possible spin speed for the wash program to save energy in the subsequent tumble dryer cycle.

Feedback

EcoFeedback

You can call up information about the energy and water consumption of your washing machine with the *EcoFeedback* sensor button.

An estimate of the energy and water consumption before the program begins.

Estimate

The estimated energy and water consumption levels will be displayed as a bar chart on the right-hand side.

The more bars visible, the higher the energy or water consumption.

The estimate will vary depending on the wash program, temperature, and any extra options selected.

⚠ Damage from incorrect installation and connection.
Installing and connecting the washing machine incorrectly will cause serious damage to property.
See “Installation”.

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

Removing the protective film and stickers

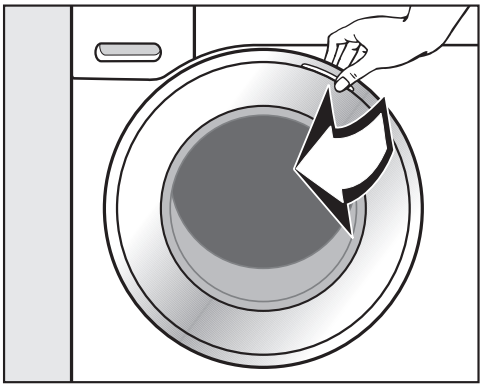
■ Remove:

- any protective film from the door
- any stickers from the front and from the lid

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

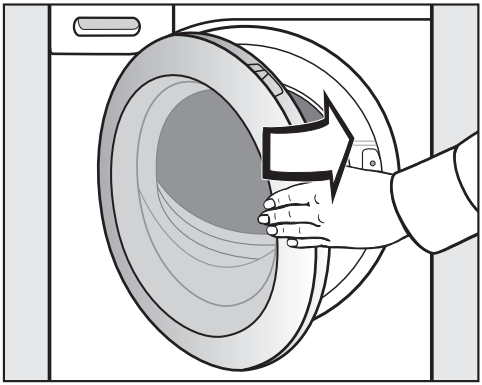
Remove the detergent cartridges and the drain hose elbow from the drum

Two detergent cartridges for automatic detergent dispensing and an elbow piece for the drain hose are stored in the drum.



■ Pull open the door.

■ Take the two cartridges and the elbow piece out of the drum.



■ Shut the door.

Miele@home

Your washing machine is equipped with an integrated WiFi module.

To use this feature, you will need:

- A WiFi network
- The Miele@mobile app
- A Miele user account. The user account can be created via the Miele@mobile app.

The Miele@mobile app will guide you as you connect your washing machine to your home WiFi network.

Once your washing machine is connected to your WiFi network, you can use the app, for example, to carry out the following activities:

- Operate your washing machine remotely
- Access information about the operating status of your washing machine
- Access information about a program sequence on your washing machine

Connecting your washing machine to your WiFi network will increase energy consumption, even when the washing machine is switched off.

Before installing the washing machine in its final location, ensure the signal strength is sufficient for your WiFi network.

Availability of the Wi-Fi connection

The Wi-Fi connection shares a frequency range with other appliances (including microwave ovens and remote control toys). This can cause sporadic or even complete connection failures. Therefore, the availability of featured functions cannot be guaranteed.

Miele@home availability

The ability to use the Miele app depends on the availability of the Miele@home service in your country.

The Miele@home service is not available in every country.

For information about availability, please visit www.miele.com.

Miele App

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

Download on the App Store

ANDROID APP ON Google Play

Switching on the washing machine

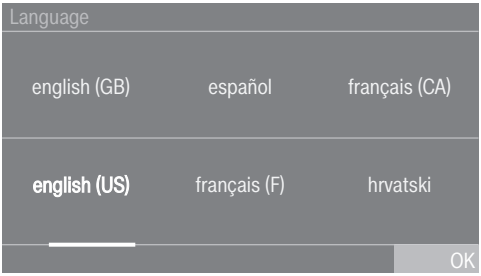
- Press the ⏻ button.

The welcome screen will light up.

The display will guide you through the **6 steps** of the initial commissioning.

1. Setting the display text

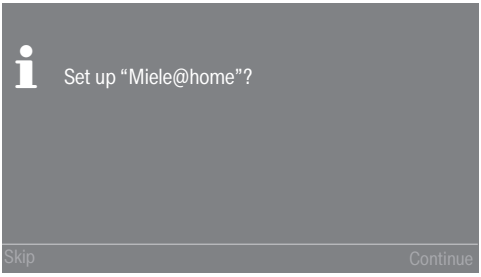
You will be asked to set the display language. It is possible to change the language at any time via the Settings menu.



- Scroll to the left or the right until the language you want appears.
- Touch the sensor button for the language you want.

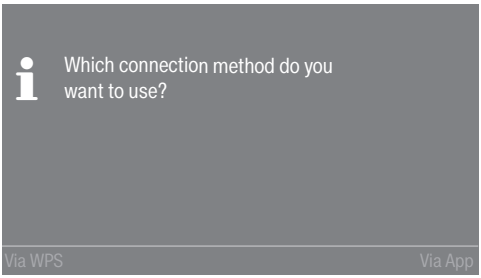
The selected language will be highlighted in orange and the display will change to the menu for setting up Miele@home.

2. Setting up Miele@home



- To set up Miele@home now: touch the Continue sensor button.

Tip: To postpone setup until later: touch the Skip sensor button. The following message will then appear in the display: ℹ It is possible to set up later in in “Settings” / “TwinDos”.
Confirm with theOK sensor button.



- Select the connection method you wish to use.

You will then be guided by the display and the Miele app.

3. Setting the clock format

The time of day can be displayed in 12-hour or 24-hour clock format.

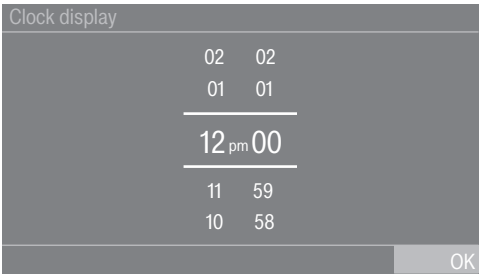
- Select the clock format you want and confirm this with the OK sensor button.

The display will then bring up the screen for setting the time of day.

Setting the time

This message only appears if the washing machine has not yet been connected to a WiFi network.

The time is set automatically when a connection is established with a WiFi network.



- Place your finger on the number that you want to change and move your finger in the direction you want.
- Confirm with the OK sensor button.

4. Removing the shipping struts

⚠ Damage resulting from failure to remove the shipping struts.

Failure to remove the shipping struts can result in damage to the washing machine and to adjacent cabinetry or appliances.

Remove the shipping struts as described in "Installation and connection".

- Touch the OK sensor button to confirm that the shipping struts have been removed.

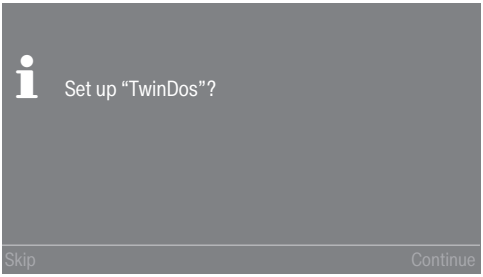
The following message will then appear in the display:

ℹ Remove shipping struts and observe the "Important Safety Instructions" and "Before using for the first time" in the Operating Instructions..

- Confirm the message with the OK sensor button.

The display will then change to the screen for setting up TwinDos.

5. Commissioning TwinDos



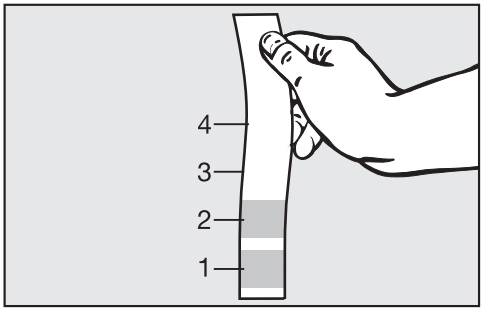
- Touch the Continue sensor button to set TwinDos up right away.

Tip: To postpone setup until later: touch the Skip sensor button. The following message will then appear in the display: ℹ It is possible to set up later in in "Settings" / "TwinDos". Confirm with the OK sensor button.

Determining the water hardness

Water hardness is an indication of the amount of minerals dissolved in water. The more minerals in the water, the higher the water hardness and more detergent must be dispensed.

Tip: You can measure the water hardness yourself using the enclosed test strip. Alternatively, your local water authority will be able to tell you the hardness of water in your area.



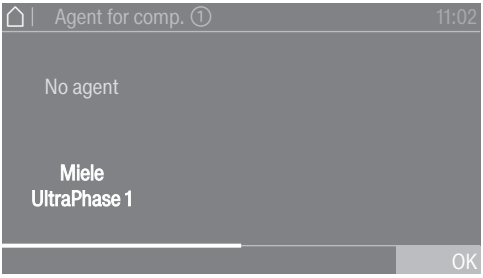
- Dip the test strip in the water for approx. 1 second. Shake excess water off the test strip.

After approx. 1 minute, and based on the coloration, you will be able to read the water hardness from the table below.

Test strip	Hardness range
4 green areas	Hardness level I
1 red area	
2 red areas	Hardness level II
3 red areas	Hardness level III
4 red areas	

Settings for compartment ①

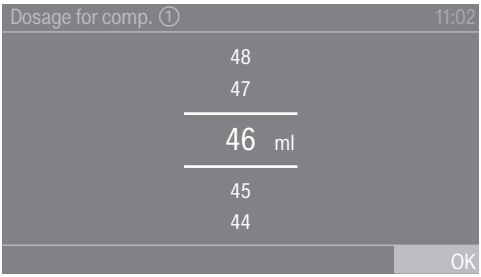
The procedure for Miele UltraPhase 1 and Miele UltraPhase 2 is described below.



- Touch the Miele UltraPhase 1 sensor button.

The following message will then appear in the display:
ℹ Please enter the dosage recommendation of your detergent for a wash with normal soiling. Note your water hardness level.

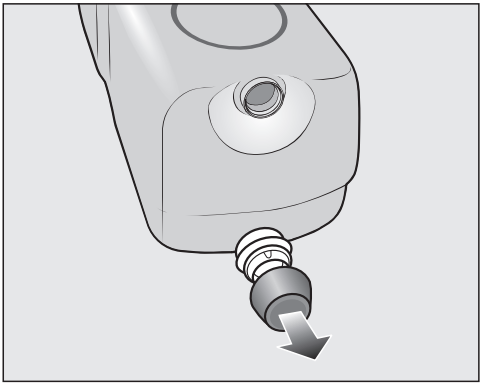
The dispensing quantity for UltraPhase 1 for **(hardness level I)** is pre-set.



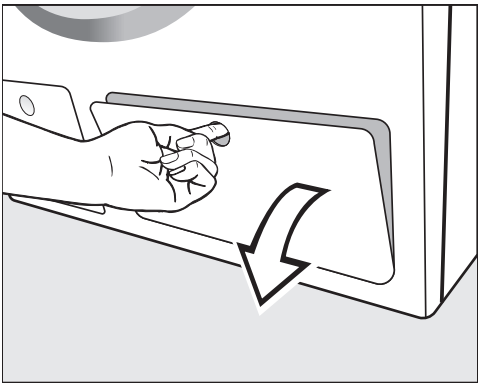
- Confirm the pre-set value with the *OK* sensor button, or change the value.

UltraPhase 1	
Hardness level I	46 ml
Hardness level II	58 ml
Hardness level III	70 ml

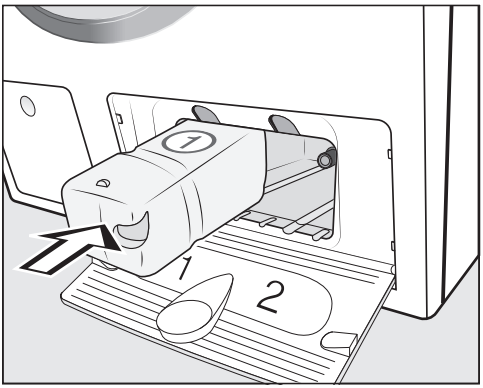
The following will appear in the display:
ℹ Insert container ①



- Remove the cover cap from the **UltraPhase 1** detergent cartridge included with the delivery.



■ Open the TwinDos flap.

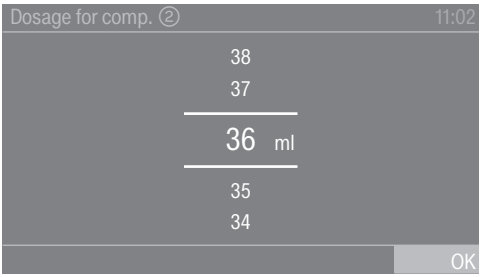


■ Push the **UltraPhase 1** detergent cartridge into **compartment 1** until it locks into position.

The following message will appear in the display:
ℹ Now enter the settings for UltraPhase 2.

Settings for compartment ②

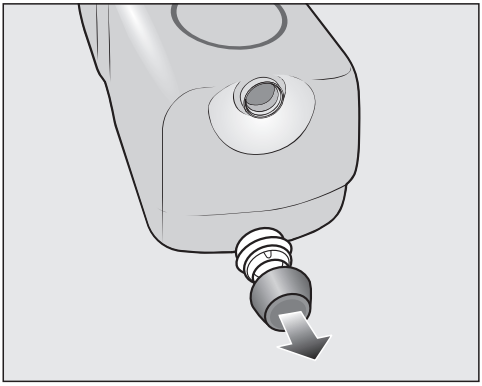
The dispensing quantity for UltraPhase 2 for **(hardness level I)** is pre-set.



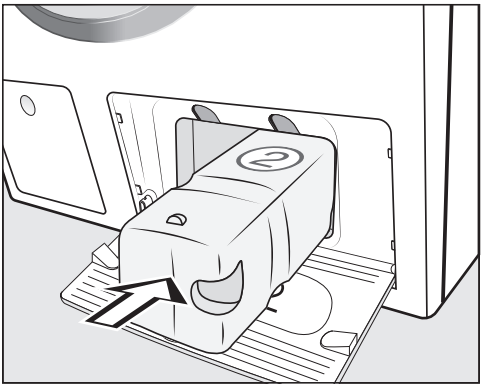
■ Confirm the pre-set value with the *OK* sensor button, or change the value.

UltraPhase 2	
Hardness level I	36 ml
Hardness level II	45 ml
Hardness level III	54 ml

The following will appear in the display:
ℹ Insert container ②



■ Remove the cover cap from the **UltraPhase 2** detergent cartridge included with the delivery.



- Push the **UltraPhase 2** detergent cartridge into **compartment 2** until it locks into position.

When the cartridge is pushed in, the message in the display changes to:
ℹ "TwinDos" is set up. Corrections can be made in "Settings" / "TwinDos".

- Confirm with the OK sensor control.
- Close the TwinDos flap.

The display will then change to the calibration program.

6. Starting the calibration program

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

To do this, the *Normal* program **must** be run without laundry.

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

The following message will then appear in the display:

ℹ Open the water supply and start the Normal program with an empty drum

- Confirm with the OK sensor button.

The display will then change to the standard menu for the *Normal* program.

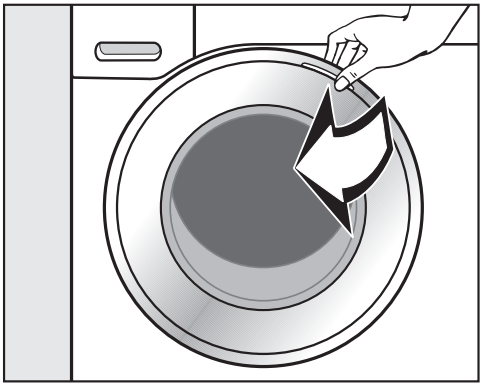


- Touch the *Start/Stop* sensor button.

The washing machine calibration program has started. It will take approximately 2 hours.

At the end of the program, the following message will appear in the display:

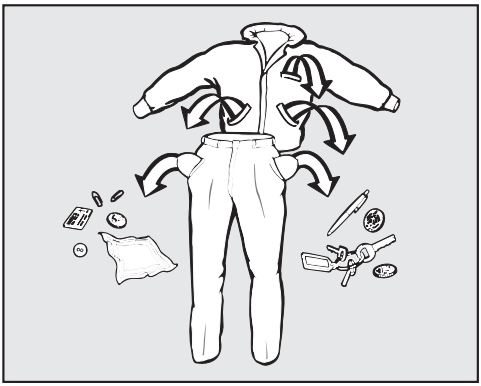
ℹ Set up completed



- Take hold of the door and pull it open.

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

- Switch the washing machine off with the ⏻ button.



■ Empty all pockets.

⚠ Damage due to foreign objects.
Nails, coins, paper clips, and so on can cause damage to garments and components in the machine.
Check the laundry before washing and remove any such foreign objects.

Sort the laundry

Only wash items that are labeled machine washable by the manufacturer. Most garments have a fabric care label in the collar or side seam.

■ Sort the laundry by care label and color.

Tip: Dark fabrics often bleed the first few times they are washed. They should be washed separately several times before being included in a mixed load.

Pre-treating stains

■ Badly soiled areas and stains should be cleaned as soon as possible, preferably while still fresh. Stains should be carefully dabbed off using a soft cloth. Do not rub!

Tip: Stains (such as blood, egg, coffee, and tea) can be pre-treated using some handy tricks which can be found in the Miele guide to laundry care. Please contact Miele directly or submit a request via Internet page to obtain or view a copy of this manual.

⚠ Damage due to solvent-based cleaning agents
Cleaning agents containing benzine, stain remover, etc., can damage plastic parts.
When pre-treating a stain, make sure that plastic parts do not come into contact with cleaning agents.

⚠ Risk of explosion due to solvent-based cleaning agents.
When using solvent-based cleaning agents, an explosive mixture may develop.
Never use solvent-based cleaning agents in the washing machine.

General tips

- Curtains: Remove any lead weights or strips before washing.
- Loose bra underwires should be removed or sewn in place before washing.
- Close zippers, hooks and eyelets before washing.
- Comforter covers and pillowcases should be fastened to prevent small items from rolling inside of them.

Do not wash items with the ⊠ symbol on the fabric care label.

2. Selecting a program

Switching on the washing machine

■ Press the ⏻ button.

The drum lighting will come on.

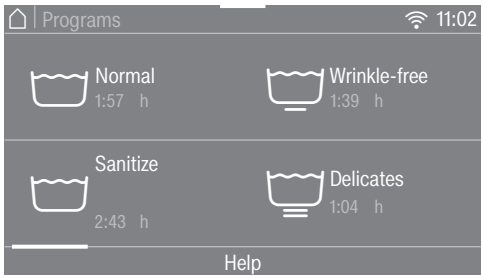
The drum lighting goes out automatically after 5 minutes.

Tip: To switch the drum lighting on again, open the pull-down menu from the Overview menu and then touch the ☼ sensor button.

The main menu will then appear in the display.

Selecting a program

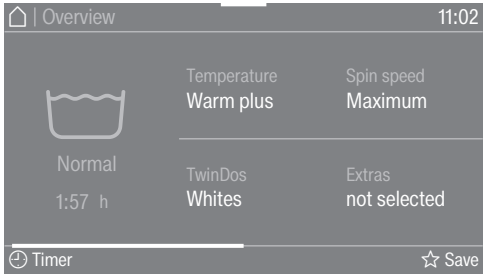
■ Touch the Programs sensor button.



■ Scroll to the right in the display until the program you want appears.

■ Touch the sensor button for that program.

The display will change to the Overview menu.



There are 3 additional ways of selecting a program.

1. Favorites
2. Washing assistant
3. MobileStart

Selecting a temperature

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

The temperatures reached inside the washing machine might not be the same as the temperatures selected. Perfect wash results are achieved through a combination of energy use and wash duration.

- Touch the Temperature sensor button.
- Select the temperature you want.

The display will change to the Overview menu.

Selecting a spin speed

You can alter the pre-set spin speed of a wash program.

- Touch the Spin speed sensor button.
- Select the spin speed you want.

The display will change to the Overview menu.

Activating TwinDos

TwinDos dispensing is automatically activated on all programs in which dispensing is possible.

1. Switch TwinDos on or off

- Touch the TwinDos sensor button and select Off or On.

2. Set the color of the laundry

- Select Whites for loads of white items, or Colors for loads containing colored items.

3. Select the degree of soiling

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

- Select Light, Normal, or Heavy.
- Confirm your selection with the OK sensor button.

Automatic dispensing is now switched on.

The display will change to the Overview menu.

See “5. Adding detergent – TwinDos” for more information.

3. Selecting program settings

Selecting extra options

You can supplement the wash programs with extra options.

- Touch the Extras sensor button.
- Select one or more extra options.

Not all extra options can be used with every program, e.g., AllergoWash, Gentle, and Extra Silent. Extra options that cannot be combined are grayed out and cannot be selected.

- Confirm with the *OK* sensor button.

The display will change to the Overview menu.

See “Extra options” for more information.

Activating CapDosing

You can use CapDosing with this wash program.

- Touch the CapDosing sensor button.

The types of capsules which can be used with the program will appear in the display.

- Select the type of capsule you want.

CapDosing is now active.

The display will change to the Overview menu.

See “5. Adding detergent – CapDosing” for more information.

Selecting stains

In order to clean stained laundry more effectively, you can choose from a list of various types of stains. The wash program will then adapt to the type of stain selected.

- Touch the Stains sensor button.
- Select the types of stains in your load from the list.
- Confirm your selection with the OK sensor button.

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

- Confirm the information with the OK sensor button.

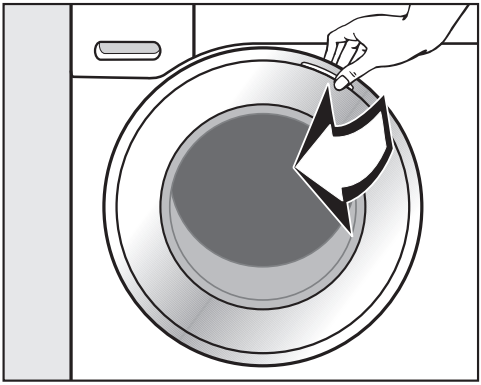
The display will change to the Overview menu.

Timer

You can use the timer to set the finish time or the start time for a wash program.

See “Timer” for more information.

Opening the door



■ Take hold of the door and pull it open.

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

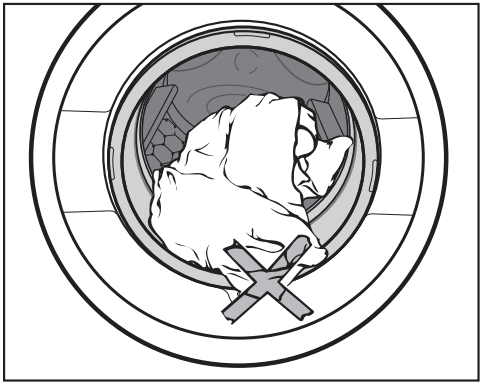
The most efficient use of energy and water is achieved when a full load is washed. However, do not overload as this reduces cleaning efficiency and causes creasing.

■ Unfold the laundry and load loosely into the drum.

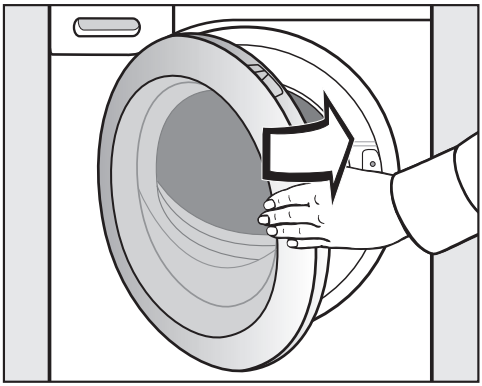
Mixing both large and small items gives better wash results and also helps distribute the load evenly during spinning.

Tip: The maximum load size for the program selected will appear in the pull-down menu.

Closing the door



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



■ Shut the door with a gentle swing.

5. Adding detergent

There are several options for adding detergent to the washing machine.

The washing machine is equipped with the TwinDos system.

TwinDos has to be activated as described in “Before using for the first time”.

The TwinDos system can only be operated with the Miele UltraPhase 1 and UltraPhase 2 Detergents.

How UltraPhase 1 and UltraPhase 2 work

UltraPhase 1 is a liquid detergent which dissolves dirt and removes the most common stains. UltraPhase 2 is a bleaching agent and removes stubborn stains. For the best washing result, these two agents are dispensed at separate times during the washing process. UltraPhase 1 and UltraPhase 2 clean white and colored textiles thoroughly. UltraPhase 1 and UltraPhase 2 single use cartridges are available to order from your Miele dealer or via Miele online store.

Activating TwinDos dispensing

TwinDos dispensing is automatically activated on all programs in which dispensing is possible.

Tip: The detergent dispensing quantities are pre-set. If too much foam builds up, the dispensing quantity for UltraPhase 1 and UltraPhase 2 can be reduced via Settings TwinDos.

Changing TwinDos dispensing

You can change the suggested color composition of the laundry.

- Touch the TwinDos sensor button and select the color composition of your laundry.

Deactivating TwinDos dispensing

- Touch the TwinDos sensor button.
- Touch the Off sensor button.

Using other methods to remove stains

If you use additional methods of stain removal, you have the following options:

- using the Booster capsule and activating the CapDosing
- adding stain remover to the compartment in the detergent dispenser drawer

Degree of soiling

The degree of soiling in laundry is divided into 3 settings:

- Light
  No visible soiling or stains
- Normal
  Visibly soiled and/or just a few slight stains
- Heavy
  Heavily soiled and/or stains clearly visible

The dispensing amount for TwinDos and the amount of water required for rinsing is pre-set for the Normal degree of soiling.

- Touch the TwinDos sensor button to select a different degree of soiling.

The amount of detergent and water will be adjusted to suit the selected degree of soiling.

Some programs will not let you set the degree of soiling. These programs are designed for lightly soiled laundry only.

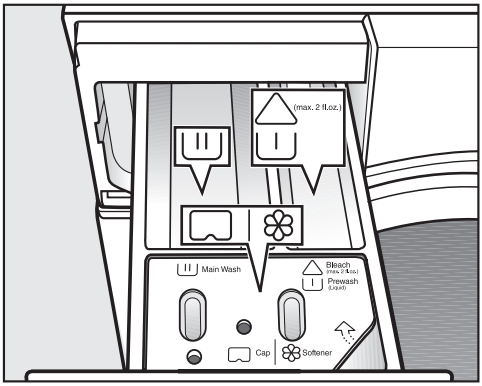
Detergent dispenser drawer

This washing machine requires high efficiency detergent. Adhere strictly to the dispensing amounts supplied by the detergent manufacturer. The detergents must be marked with the following label:



Ensure that TwinDos dispensing is deactivated.

Filling with detergent



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

△ Chlorine bleach for removing stains or liquid detergent for the pre-wash

Detergent for the main wash and soaking

Fabric softener, liquid starch, or capsules

Using chlorine bleach

⚠ Damage due to chlorine bleach.
Textiles may be discolored or their fibers damaged.
Only use chlorine bleach on suitable textiles.

Chlorination **must** be activated in the settings before chlorine bleach is first used.

Dispensing bleach

Follow the manufacturer's instructions on the packaging.

The *Pre-wash* extra option **must not** be selected.

- Pour **max. 1/4 cup (60 ml)** of bleach into the △ chamber.

The bleach is added automatically 10 minutes before the end of the main wash.

Bleach may be used in the following programs:

- Normal
- Sanitize
- Wrinkle-free
- Dress Shirts
- Extra White
- Table Linens/Drapes
- Baby Clothes

Using detergent tablets or pods

Always put detergent tablets or pods directly in the drum with the laundry. They cannot be added via the detergent dispenser drawer.

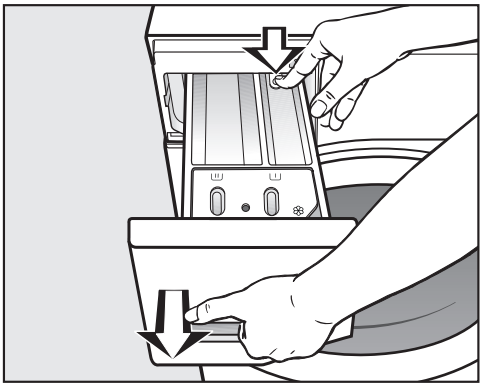
5. Adding detergent

Adding powder detergent

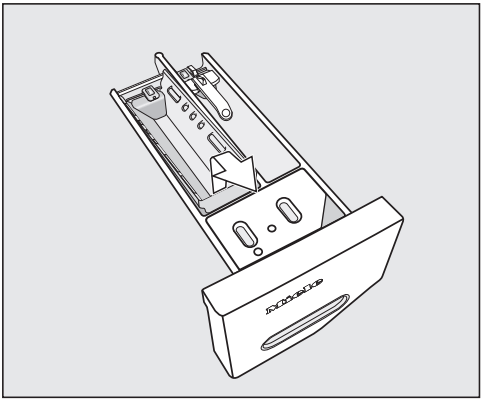
The detergent dispenser drawer contains an insert for liquid detergent in the II compartment. This insert must be removed to use powder detergent.

It is **not possible** to use powder detergent in the △ I II compartment.

A pre-wash cannot be carried out when using powder detergent.



- Remove the detergent dispenser drawer.

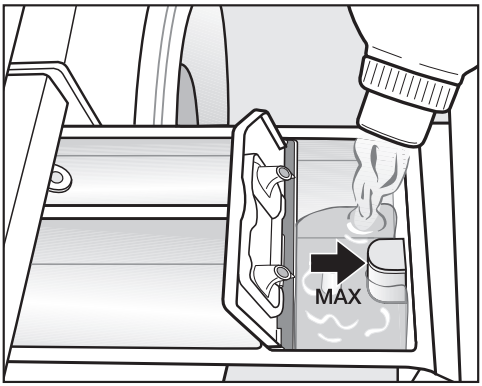


- Remove the insert for liquid detergents from the II compartment.
- Replace the detergent dispenser drawer.
- Add powder detergent to the II compartment.

Tip: Reinsert the insert into the detergent dispenser drawer before next using liquid detergent.

Tip: Use TwinDos dispensing if you want to run a program with the *Pre-wash* extra option.

Adding fabric softener



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

It will be automatically dispensed in the final rinse cycle. At the end of the program, a small amount of water remains in the ❀ compartment.

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

Tips for dispensing

Adjust the detergent dosage to the level of soiling of the laundry and the maximum load. Reduce the amount of detergent with smaller loads (e.g., reduce the amount of detergent by ⅓ when washing a half load).

Too little detergent:

- The laundry is not cleaned properly and may become gray and hard to the touch over time.
- Can lead to a build-up of bacteria in the washing machine.
- Grease is not completely removed from the laundry.
- Can lead to limescale deposits on the heater elements.

Too much detergent

- Poor wash, rinse, and spin results.
- Causes higher water consumption as an extra rinse cycle is automatically activated.
- A greater burden on the environment.

See “Detergent” for more information about detergents and how much to dispense.

CapDosing

If you selected CapDosing when setting the program, detergent will be dispensed via the capsule for this wash program.

Only one capsule can be selected per wash program.

3 different types of capsule are available:

- ❀ = Fabric care (e.g., fabric softener, proofing agent)
- = Additives (e.g., detergent enhancers)
- = Detergent (for the main wash only)

Depending on the setting selected, the detergent, additive, or fabric care agent will be dispensed via the capsule.

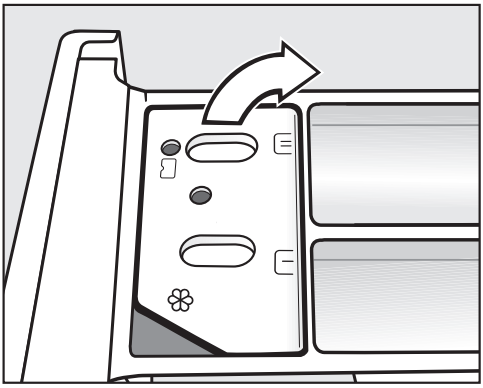
Each capsule contains the correct amount for one wash cycle.

Capsules are available to order from Miele’s online store, Miele Customer Service, or your Miele dealer.

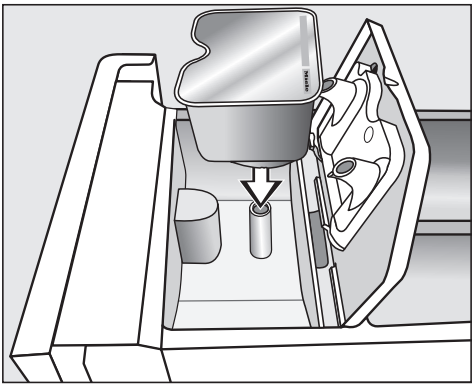
⚠ Capsules pose a health risk.
The ingredients of capsules can be hazardous to health if they are swallowed or come into contact with skin.
Keep capsules out of the reach of children.

Inserting a capsule

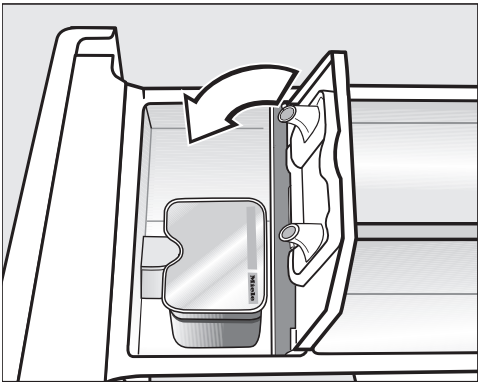
■ Open the detergent dispenser drawer.



■ Open the lid of the ❀/ compartment.



- Press the capsule in firmly.



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

The capsule is opened by the act of inserting it in the detergent dispenser drawer. The contents can run out of the capsule if you then remove it from the drawer before it is used.
Dispose of opened capsules.

The contents of the capsule will be added to the wash program at the correct time.

During CapDosing, water intake to the ❀ compartment takes place solely via the capsule.
Do not add any additional fabric softener to the ❀ compartment.

- Remove the empty capsule at the end of the wash program.

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

Color run and dye removers

⚠ Damage due to color run/dye removers.
Color run and dye removers can cause corrosion in the washing machine.
Do not use color run or dye removers in the washing machine.

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

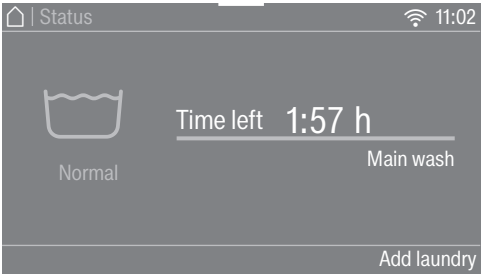
Starting a program

The program can be started when the *Start/Stop* sensor button is flashing on and off.

■ Touch the *Start/Stop* sensor button.

The door will lock and the wash program will start.

The program status will appear in the display.



The washing machine will keep you updated on the program status and the time remaining for the program to run.

If a delay-start period has been selected, this will count down in the display until the program starts.

The drum lighting switches off once the program has started.

Energy savings

After 10 minutes, the indicators dim. The *Start/Stop* sensor button will light up, flashing.

You can reactivate the indicators:

■ Touch the *Start/Stop* sensor button (this does not have any effect on a running program).

Adding laundry during a program sequence (AddLoad)

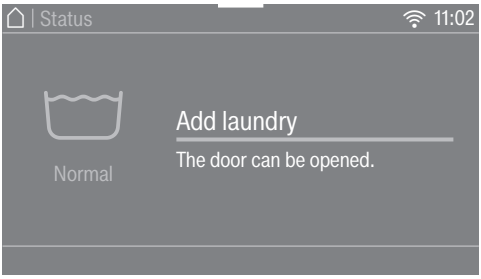
Laundry can be added or removed at any time.

■ Touch the *Add laundry* sensor button.

The following appears in the display:
Please wait

The program will stop and the door will unlock.

The following appears in the display:



■ Open the door and add or remove laundry.

■ Close the door.

■ Touch the *Start/Stop* sensor button.

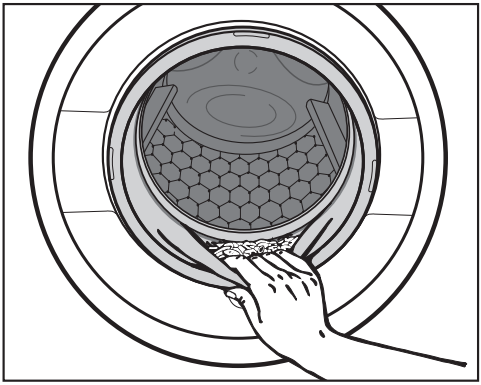
The wash program will continue.

Laundry cannot usually be added or removed if:

- The suds temperature is above 130°F (55°C).
- The water inside the drum is above a certain level.

7. Program end

Items left in the drum could discolor other items in the next wash or become discolored themselves.
Remove all items from the drum.



- Check the folds in the door seal for any foreign objects.

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

- Switch the washing machine off with the ⏻ button.
- If applicable, remove the used capsule from the detergent dispenser drawer.

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

Final spin speed

Program	Selectable spin speeds in words and numbers				
	Maximum 1,600 rpm	High 1,200 rpm	Medium 800 rpm	Slow 600 rpm	No Spin 0 rpm
Normal	✓	–	–	–	●
Sanitize	✓	●	–	–	●
Wrinkle-free	–	✓	●	●	●
Delicates	–	–	✓	●	●
QuickIntenseWash	✓	●	●	●	●
Express	–	✓	●	●	●
Handwash	–	✓	●	●	●
Towels	✓	●	●	●	●
Extra White	✓	●	–	–	●
Dress Shirts	–	–	✓	●	–
Denim/Jeans	–	✓	●	●	●
Darks	–	✓	●	●	●
Woolens	–	✓	●	●	●
Silks	–	–	–	✓	●
Outdoor	–	–	✓	●	●
Proofing	–	●	✓	●	●
Sportswear	–	✓	●	●	●
Sneakers	–	–	–	✓	●
Downs	–	✓	●	●	●
Pillows	–	✓	●	●	●
Table Linens/Drapes	–	✓	●	●	●

Final spin speed

Program	Selectable spin speeds in words and numbers				
	Maximum 1,600 rpm	High 1,200 rpm	Medium 800 rpm	Slow 600 rpm	No Spin 0 rpm
Curtains	–	–	–	✓	●
Baby Clothes	✓	●	●	●	●
Drain/Spin	✓	●	●	●	●
Quick Rinse	●	✓	●	●	●
Starch	✓	●	●	●	●
Clean Machine	–	–	–	✓	–

✓ = optimum spin speed for program is preset

● = can be selected

– = cannot be selected

Final spin speed in the wash program

When a program is selected, the optimum spin speed for the wash program is always shown in the display. A faster spin speed can be selected for certain wash programs. The highest selectable spin speed is indicated in the table.

Omitting the final spin (Rinse hold)

■ Select the Rinse hold extra option.

If Rinse hold is selected, the laundry remains in the water following the final rinse cycle. This helps prevent creasing if the laundry is not going to be removed from the drum immediately after the end of the program.

Spin cycle

Ending a program with a spin cycle

The wash program is set to the optimum spin speed. You can change the spin speed.

- Touch the Change spin speed sensor button.
- Select the spin speed you want.
- Touch the *Start/Stop* sensor button to start the final spin.

Ending a program without a spin cycle

- Touch the Change spin speed sensor button.
- Select Spin speed 0 rpm (no spin).
- Touch the *Start/Stop* sensor button.

Rinse-spin

There is a spin cycle after the main wash and between the rinse cycles. A reduction in the final spin speed will also reduce the interim spin speed as appropriate.

Omitting the rinse-spin and final spin

- Touch the Spin speed sensor button.
- Select the 0 rpm setting.

After the last rinse cycle, the water will be pumped away and the anti-crease phase will switch on.

An extra rinse cycle is carried out with this setting for certain wash programs.

The temperature marked with ✓ is pre-set.

Temperature with garment care label symbols			**Item/Tip**
Normal			**Full load** (17.6 lb/8 kg)
Hot plus	140°F/60°C		Cotton, linen, and mixed fiber textiles made of both cotton and linen.
Hot	120°F/50°C		
Warm plus ✓	105°F/40°C		
Warm	85°F/30°C		
Cold	Cold		
USA test program in accordance with: DOE Federal Register 10 CFR Part 430 Appendix J2 to subpart B **Canada test program in accordance with:** CAN/CSA-C360-13			
Sanitize			**Full load** (17.6 lb/8 kg)
Sanitize ✓	170°F/75°C		Cotton or linen fabrics with direct skin contact or for which special hygiene requirements apply.
Wrinkle-free			**Half load** (8.8 lb/4 kg)
Hot plus	140°F/60°C		Synthetic or mixed fiber fabric, or wrinkle-free cotton.
Hot	120°F/50°C		
Warm plus ✓	105°F/40°C		
Warm	85°F/30°C		
Cold	Cold		
Delicates			**Small load** (6.6 lb/3 kg)
Hot plus	140°F/60°C		For fine textiles made from synthetic fibers.
Hot	120°F/50°C		
Warm plus ✓	105°F/40°C		
Warm	85°F/30°C		
Cold	Cold		

Program guide

Temperature with garment care label symbols			Item/Tip
QuickIntenseWash			**Full load** (11 lb/5 kg)
Hot plus	140°F/60°C		For lightly or moderately soiled textiles which are also suitable for washing in the *Normal* program. A special saturation process and wash rhythm ensure that the laundry is cleaned particularly quickly and thoroughly.
Warm plus ✓	105°F/40°C		
Express			**Half load** (7.7 lb/3.5 kg)
Warm plus	105°F/40°C		Cotton textiles that have hardly been worn or are only very lightly soiled. Selecting the Light level of soiling will reduce the washing time by 10 minutes.
Warm ✓	85°F/30°C		
Cold	Cold		
Handwash			**Small load** (4.4 lb/2 kg)
Warm plus ✓	105°F/40°C		For fine textiles which are only suitable for hand washing.
Warm	85°F/30°C		
Cold	Cold		
Towels			**Full load** (11 lb/5 kg)
Hot plus	140°F/60°C		For linen or cotton towels used for personal hygiene.
Hot	120°F/50°C		
Warm plus ✓	105°F/40°C		
Warm	85°F/30°C		
Cold	Cold		
Extra White			**Full load** (17.6 lb/8 kg)
Hot plus ✓	140°F/60°C		For white textiles made of cotton or linen without special hygiene requirements.

Temperature with garment care label symbols			Item/Tip
Dress Shirts			**Small load** (4.4 lb/2 kg)
Hot plus	140°F/60°C		Pre-treat collars and cuffs depending on the level of soiling. Wash silk shirts and blouses in the *Silks* program.
Hot	120°F/50°C		
Warm plus ✓	105°F/40°C		
Warm	85°F/30°C		
Cold	Cold		
Denim/Jeans			**Small load** (4.4 lb/2 kg)
Hot plus	140°F/60°C		Textiles made from denim. - Wash inside out. - Denim often contains excess dye and may run during the first few washes. Therefore, wash light and colored items separately.
Hot	120°F/50°C		
Warm plus ✓	105°F/40°C		
Warm	85°F/30°C		
Cold	Cold		
Darks			**Small load** (4.4 lb/2 kg)
Hot plus	140°F/60°C		- Wash inside out.
Hot	120°F/50°C		
Warm plus ✓	105°F/40°C		
Warm	85°F/30°C		
Cold	Cold		
Woolens			**Small load** (4.4 lb/2 kg)
Warm ✓	85°F/30°C		Wool or wool-blend textiles. Reduce the final spin speed for items which crease easily.
Cold	Cold		

Program guide

Temperature with garment care label symbols			Item/Tip
Silks			**Very small load** (2.2 lb/1 kg)
Warm ✓	85°F/30°C	85F	Silks and other hand-washable textiles with no wool content. Place tights, bras, etc., in a laundry bag.
Cold	Cold		
Outdoor			**Small load** (5.5 lb/2.5 kg)
Warm plus ✓	105°F/40°C	105F	Performance outerwear (e.g., jackets and pants) made from membrane fabric such as Gore-Tex®, SYMPATEX®, WINDSTOPPER®, etc. - Zip up or close any Velcro fasteners before washing. - Do not use fabric softener. - If required, outdoor clothing can be re-proofed in the *Proofing* program. Reproofing after each wash cycle is not recommended.
Warm	85°F/30°C	105F	
Cold	Cold		
Proofing			**Small load** (5.5 lb/2.5 kg)
Warm plus ✓	105°F/40°C		Treating microfiber fabric, ski wear, or table linens/ drapes made from mainly synthetic fibers to provide a finish which is resistant to water and dirt. - The items should be freshly laundered and spun or dried before proofing. - For best results, the items should be heat-treated afterwards either in a tumble dryer or by ironing.
Sportswear			**Half load** (6.6 lb/3 kg)
Hot plus	140°F/60°C	140F	Sportswear such as jerseys and leggings, as well as microfiber and fleece garments. - Do not use fabric softener. - Observe the instructions on the wash care label.
Hot	120°F/50°C	120F	
Warm plus ✓	105°F/40°C	105F	
Warm	85°F/30°C	105F	
Cold	Cold		

Temperature with garment care label symbols			Item/Tip
Sneakers			**Max. 2 pairs of shoes**
Warm plus	105°F/40°C		Sneakers only (no leather shoes). - Brush coarse soiling off before washing. - Do not use fabric softener. - Observe the instructions on the wash care label. - Close Velcro fasteners. - Use the dryer basket for tumble drying.
Warm ✓	85°F/30°C		
Cold	Cold		
Downs			**Small load** (4.4 lb/2 kg)
Hot plus	140°F/60°C		Jackets, sleeping bags, pillows, and other down-filled items. - Remove air from the laundry before washing to prevent an excessive build-up of foam. To do this, either push the items into a narrow laundry bag to compress them or tie the items together with a washable strap. - Observe the instructions on the wash care label.
Hot	120°F/50°C		
Warm plus ✓	105°F/40°C		
Warm	85°F/30°C		
Cold	65°F/15°C		
Pillows			**2 pillows** 16" x 32" (40 x 80 cm) or **1 pillow** 32" x 32" (80 x 80 cm)
Hot plus	140°F/60°C		Washable pillows with synthetic filling. - Remove air from the laundry before washing to prevent an excessive build-up of foam. To do this, either push the items into a narrow laundry bag to compress them or tie the items together with a washable strap. - Observe the instructions on the wash care label.
Hot	120°F/50°C		
Warm plus ✓	105°F/40°C		
Warm	85°F/30°C		
Cold	65°F/15°C		

Program guide

Temperature with garment care label symbols			Item/Tip
Table Linens/Drapes			**Full load** (13.2 lb/6 kg)
Hot plus	140°F/60°C		Table linens and drapes made of cotton and linen.
Hot	120°F/50°C		
Warm plus ✓	105°F/40°C		
Warm	85°F/30°C		
Cold	Cold		
Curtains			**Small load** (4.4 lb/2 kg)
Warm plus	105°F/40°C		Curtains made from synthetic fibers which have been specified as machine-washable by the manufacturer. - To remove dust, the *Pre-wash* extra option is selected automatically. - For curtains which crease easily, reduce the spin speed or deselect the spin. - Remove weights from curtains.
Warm ✓	85°F/30°C		
Cold	Cold		
Baby Clothes			**Full load** (13.2 lb/6 kg)
Hot plus ✓	140°F/60°C		Baby clothes, baby towels and bibs made from cotton.
Hot	120°F/50°C		
Warm plus	105°F/40°C		
Warm	85°F/30°C		
Cold	Cold		
Drain/Spin			**Full load** (17.6 lb/8 kg)
- Drain only: set spin speed to No Spin. - Make sure you select the appropriate spin speed.			
Quick Rinse			**Full load** (17.6 lb/8 kg)
For rinsing hand-washed items. Reduce the final spin speed for fabric that creases easily.			

Temperature with garment care label symbols	Item/Tip
Starch	**Full load** (17.6 lb/8 kg)
Table cloths, serviettes, and workwear requiring starching. - Reduce the final spin speed for fabric that creases easily. - Laundry that is to be starched should be washed, but not treated with fabric softener.	

Maintenance

The washing machine has two maintenance programs.

1. Clean Machine for cleaning the washing machine.
2. Clean "TwinDos" for maintenance of the ①/② TwinDos compartments. See "Cleaning and care – TwinDos maintenance" for more details.

Temperature with garment care label symbols			Item/Tip
Clean Machine			**Without load**
Sanitize	✓	170 °F/75 °C	With frequent washing at low temperatures there is a danger of a build-up of bacteria in the washing machine. Cleaning the washing machine will significantly reduce bacteria and prevent the build-up of unpleasant odors. - Dispense the multi-purpose detergent directly into the drum. - Do not load any laundry in the machine. The drum must be empty for the maintenance wash.

Extra options

You can supplement the wash programs with extra options.

SingleWash

For efficiently washing a very small load (< 2.2 lb/1 kg) in a normal wash program. The wash duration is reduced.

Please note!
When adding detergent manually, only use liquid detergent and use the proper amount. Use a maximum of 50% of the specified amount of detergent for ½ load. Bleaching is **not** possible.

Eco

The *Eco* Extra helps to save energy. The wash temperature is reduced and the wash duration is increased in return. The wash program continues to provide a deep clean.

SoftSteam

In order to reduce creasing, the laundry undergoes a smoothing process at the end of the program. Reducing the maximum load by 50% will give a better result. Please note the load information in the display. Small loads achieve a better result.

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

Extra Gentle

Drum rotation and wash duration is reduced. Lightly soiled textiles are washed more gently.

Pre-wash

For laundry with large amounts of dirt, e.g., dust and sand.

Pre-wash **cannot** be combined with the use of chlorine bleach.
The chlorine bleach is added too early.

Only liquid detergent may be added to the chamber of the detergent dispenser drawer.
Powder detergent clogs up the chamber and water can escape from the detergent dispenser drawer.

Soak

For heavily soiled and stained items with protein stains.

A soak duration of between 30 minutes and 6 hours in 30-minute increments can be selected for the soak process. See “Settings” for more information.

The factory default setting is 30 minutes.

ExtraRinse

An extra rinse can be activated to achieve a more thorough wash result.

AllergoWash

This option should be used where high standards of hygiene are required. Energy consumption is increased to lengthen temperature holding times and water consumption is increased to improve rinsing efficiency. The items must be suitable for drying in a tumble dryer and suitable for ironing.

Rinse Hold

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

Not all extra options can be selected with every program. If an extra option is not permitted for a wash program, it will not be shown in the display. See “Wash program overview – extra options”.

Wash program overview – extra options

	SingleWash	Eco	SoftSteam	Gentle	Pre-wash	Soak	ExtraRinse	AllergoWash	Rinse Hold
Normal	●	●	—	●	●	●	●	●	●
Sanitize	●	●	●	●	●	●	●	●	●
Wrinkle-free	●	●	●	●	●	●	●	●	●
Delicates	●	●	●	●	●	●	●	●	●
QuickIntenseWash	●	–	●	–	–	–	–	–	●
Express	–	–	–	–	–	–	–	–	●
Handwash	●	–	–	–	–	–	–	–	●
Towels	–	●	–	–	●	–	●	–	●
Extra White	●	●	●	●	●	●	●	●	●
Dress Shirts	●	●	✓	●	●	●	●	●	●
Denim/Jeans	●	●	●	●	●	●	●	●	●
Darks	●	●	●	●	●	●	●	●	●
Woolens	●	–	–	–	–	–	–	–	●
Silks	●	–	–	–	–	–	–	–	●
Outdoor	–	●	–	–	●	●	●	–	●
Proofing	–	–	–	–	–	–	–	–	●
Sportswear	●	●	●	–	●	●	●	●	●
Sneakers	–	–	–	–	–	–	–	–	●
Downs	–	●	–	–	●	–	●	●	●
Pillows	–	●	–	–	●	–	●	●	●
Table Linens/Drapes	●	●	●	●	●	●	●	●	●
Curtains	–	●	●	●	✓	–	●	●	●
Baby Clothes	●	●	●	●	●	●	●	●	●
Drain/Spin	–	–	–	–	–	–	–	–	–
Quick Rinse	–	–	●	–	–	–	–	–	●
Starch	–	–	–	–	–	–	–	–	●

● = Can be selected

– = Cannot be selected

Program sequence

	Main wash		Rinses		Spin cycle
	Water level	Wash rhythm	Water level	Rinses	
Normal		Ⓐ		2-3[1,2]	✓
Sanitize		Ⓐ		3-4[1,2]	✓
Wrinkle-free		Ⓑ		2-4[1,2]	✓
Delicates		Ⓒ		2-4[1,2]	✓
QuickIntenseWash		Ⓐ		2	✓
Express		Ⓐ		2	✓
Handwash		Ⓔ		2	✓
Towels		Ⓐ		2-5[1,2]	✓
Extra White		Ⓐ		2-5[1,2]	✓
Dress Shirts		Ⓒ		3-4[2]	✓
Denim/Jeans		Ⓑ		2-4[1,2]	✓
Darks		Ⓑ		3-5[1,2]	✓
Woolens		Ⓔ		2	✓
Silks		Ⓔ		2	✓
Outdoor		Ⓒ		3-4[2]	✓
Proofing	–	Ⓑ		1	✓
Sportswear		Ⓒ		2-3[2]	✓
Sneakers		Ⓓ		2	✓
Downs [3]		Ⓒ		3-4[2]	✓
Pillows [3]		Ⓒ		3-4[2]	✓
Table Linens/Drapes		Ⓐ		2-3[1,2]	✓
Curtains		Ⓒ		3-4[2]	✓
Baby Clothes		Ⓐ		2-3[1,2]	✓
Drain/Spin	–	–	–	–	✓
Quick Rinse	–	–		2	✓
Starch		Ⓑ	–	–	✓

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

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

This washing machine has fully electronic controls with automatic load control. The washing machine takes in the right amount of water required for the program depending on the amount of laundry and its absorbency rate.

The program sequences outlined in the chart are based on the basic program with a full load.

Special features in the program sequence

Anti-crease:
At the end of the program, the drum continues to turn at intervals for up to 30 minutes to help prevent creasing.
Exception:There is no anti-crease phase in the *Normal*, *Woolens*, *Silks* and *Handwash* programs.
The washing machine can be opened at any time.

[1] An additional rinse is carried out if:

- there is too much foam in the drum
- a spin speed lower than *Medium* (800 rpm) has been selected.

[2] An additional rinse is carried out if the *ExtraRinse* extra option has been selected.

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

PowerWash

PowerWash is a washing technique developed by Miele. It is activated in the following programs:

- Normal (with small and medium load sizes)
- Wrinkle-free
- Dress Shirts
- Delicates

How it works

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

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

Activation

PowerWash is activated **automatically** in the programmes listed above.

PowerWash is deactivated if:

- CapDosing (,) has been selected for the main wash
- Extras such as *Pre-wash* or *ExtraRinse* have been selected
- The selected final spin speed No Spin has been selected
- A large load is being washed in the *Normal* program

Special features

- **Drenching phase**
  The washing machine will spin a few times at the beginning of the program. During spinning, the water discharged is sprayed back into the laundry in order to achieve optimum moisture penetration.

  The optimum water level is set at the end of the drenching phase. If necessary, the washing machine will pump water away or take in a little more fresh water
- **Noises during the heating phase**
  Unusual bubbling noises can occur while the laundry and the drum are being heated.

Changing a program (safety lock)

A program, temperature, spin speed, or selected extra options cannot be changed once the machine has been successfully started. This prevents the machine being operated unintentionally, e.g., by children.

If the washing machine is switched off during active program operation, the standby function does not switch the washing machine off completely after 15 minutes. Safety functions continue to be active because there may still be water inside the drum.

Interrupting a program

- Switch the washing machine off with the ⏻ button.
- Switch the washing machine back on with the ⏻ button to continue with the same program.

Canceling a program

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

- Touch the *Start/Stop* sensor button.

The following will appear in the display:

ℹ Cancel the program?

- Select Yes.

The following will appear in the display:

Program cancelled.

The suds are pumped away.

- Wait until the door unlocks.
- Pull open the door.
- Remove the laundry.

Selecting another program

- Close the door.
- Select the program you want to use.
- Add detergent to the detergent dispenser drawer, if necessary.
- Touch the *Start/Stop* sensor button.

The new program will begin.

Creating Favorites

You can save your own customized wash programs under names of your choice.

Option 1

- The main menu must be visible in the display. Touch the Favorites sensor button.

The display will change to show the Favorites menu.

Touch the Create sensor button.

The display will change to the Create Favorite menu.

- Select the program you want to use.
- Select all the program settings you want.
- Then select Save.
- Enter a name.

Option 2

You can save a program which has been selected as a Favorite program before you start it.

- Before the program starts, touch the ☆ Save sensor button.
- Enter a name.

If 12 Favorites have already been saved, the Create or ☆ Save sensor button will not be visible. Delete an existing Favorite if you wish to create a new one.

Entering a name

It is best to select short names.

- Tap the letters or characters you want.
- Confirm with the Save sensor button.

The wash program will then be saved to the Favorites program list.

Changing a Favorite program

You can rename, delete, or move a Favorite program.

- Select the Favorites sensor button from the main menu.
- Touch the Favorite program that you wish to change until the context menu opens.
- Select Rename, Delete, or Move.

The wash assistant helps you with loads consisting of items with different care instructions. The washing machine will use the list of items to put together a suitable wash program.

- Scroll to the second page in the main menu.
- Touch the Wash Assistant sensor button.

A list of items will appear.



- Touch the appropriate sensor button for your item of laundry.

The item selected will be highlighted orange. You can select several items.

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

- Confirm with the OK sensor button.
- Follow the instructions in the display.

A summary of the selected parameters will then appear in the display.

- Confirm with the OK sensor button or select Change if you would like to make any changes.

The program which has been tailored to your laundry is ready to start.

Tip: You can add individual program settings, e.g., *Options*, before you start the program.

Timer

The timer can be used to set the time you wish a program to finish or start at. The program start can be delayed by up to 24 hours.

Setting the timer

- Touch the Timer sensor button.
- Select the Finish at or Start at option.
- Set the hours and the minutes and confirm your entry with the OK sensor button.

Changing the timer

The selected times for the timer can be changed before the program starts.

- Touch the or sensor button.
- Change the specified time and confirm with the OK sensor button.

Deleting the timer

The selected time for the timer can be deleted before the program starts.

- Touch the or sensor button.

The selected time for the timer appears in the display.

- Touch the Delete sensor button.
- Confirm with the OK sensor button.

The selected time for the timer is now deleted.

Starting the timer

- Touch the *Start/Stop* sensor button.

The door will lock and the time until the program starts will appear in the display.

After the program has started, the selected time can only be changed or canceled by interrupting the program.

The program can be started immediately at any time.

- Touch the Start immediately sensor button.

SmartStart

The *SmartStart* function lets you define a time period during which your washing machine will start automatically. The appliance will start on receipt of a signal, e.g., from your energy supplier, that indicates that the electricity rate is particularly economical.

This function is active when the SmartGrid setting is switched on.

The time period can be defined between 1 minute and 24 hours. During this period, the washing machine waits for the signal from the energy supplier. If no signal is sent during the defined period, the washing machine starts the wash program.

Setting the time period

If you have activated the SmartGrid function in Settings, SmartStart by or SmartFinish by will appear in the display instead of Start at or Finish at when you touch the ◴ Timer sensor button (see “Settings – SmartGrid”).

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

- Now set the time you want and confirm with the OK sensor button.
- Touch the *Start/Stop* sensor button to start the wash program with *SmartStart*.

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

The procedure for changing or deleting the *SmartStart* function is the same as described in “Changing the timer” and “Deleting the timer”.

Detergent

Detergents recommended

The recommendations apply to the entire temperature range of the wash programs. There are no detergent recommendations for wash programs that are not listed.

	UltraPhase 1 und 2	Miele Capsules	Miele Capsules	Miele Capsules	Universal detergent	Color detergent	Detergent for Woolens and delicates	Bleach [3]
Normal	✓		✓	✓	✓	✓		✓
Sanitize	✓		✓	✓	✓	✓		✓
Normal	✓		✓	✓	✓	✓		✓
Delicates	✓	✓	✓				✓	
QuickIntenseWash	✓		✓	✓	✓	✓		✓
Express	✓		✓			✓[1]		
Handwash		✓	✓				✓	
Towels	✓		✓	✓	✓	✓		✓
Extra White	✓		✓	✓	✓			✓
Dress Shirts	✓		✓	✓	✓		✓	✓
Denim/Jeans	✓		✓			✓	✓	
Darks	✓		✓			✓	✓	
Woolens		✓					✓	
Silks		✓					✓	
Outdoor				✓				✓
Proofing			✓					
Sportswear		✓					✓	
Sneakers	✓	✓		✓			✓	
Downs		✓					✓[1]	
Pillows		✓					✓[1]	
Table Linens/Drapes	✓		✓	✓	✓	✓		✓
Curtains	✓			✓	✓[1]			
Baby Clothes	✓		✓	✓	✓	✓		✓
Quick Rinse			✓				✓	

✓ Recommendation

– No recommendation

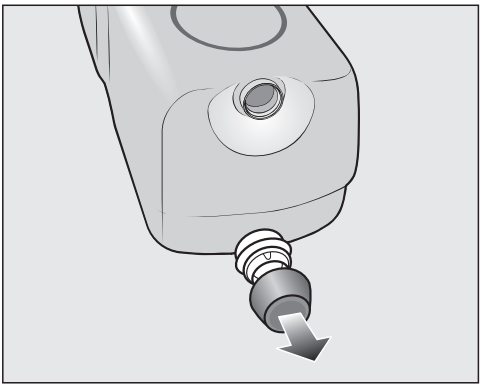
Special-purpose detergents (e.g., WoolCare)

Fabric care (e.g., fabric softener)

Additives (e.g., booster)

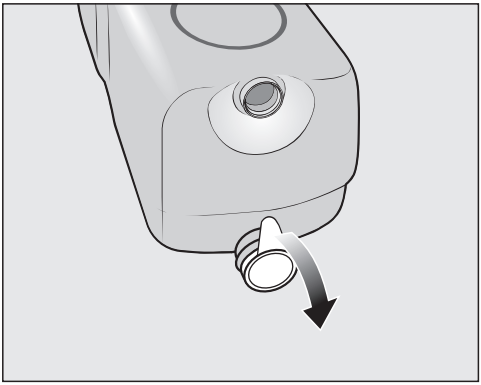
A message will appear in your washing machine display if a detergent cartridge is empty.

Preparing the cartridge



■ Remove the cover cap from the cartridge.

or



■ Remove the film seal from the cartridge completely.

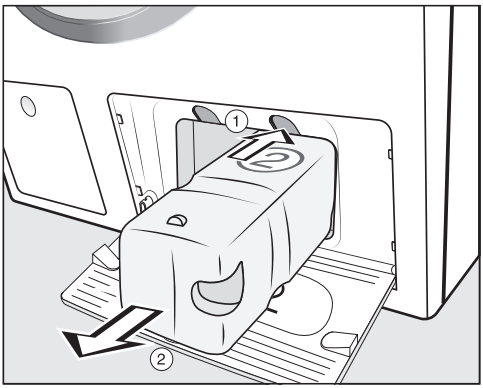
⚠ Risk of damage from film seal

If the film seal is not removed completely, leaks can occur in the TwinDos system.

Remove the film seal from the suction port on the cartridge completely before inserting the new cartridge.

Replacing the cartridge

■ Switch on the washing machine.



① To release the lock, press the yellow button above the cartridge.

② Remove the cartridge.

■ Insert a new cartridge.

■ Confirm the messages in the display.

The counter is set to 0.

Cleaning the housing and control panel

⚠ Risk of electric shock.
Voltage is present when the washing machine is switched off
Disconnect the machine from the electricity supply before cleaning or maintenance.

⚠ Risk of damage due to ingress of water.
The pressure of a power washer can cause water to get into the washing machine, resulting in damage to components.
Do not spray the washing machine with a power washer when hosing down.

- Clean the housing and control panel with a mild cleaning agent or soap and water and dry both with a soft cloth.
- The drum can be cleaned using a suitable stainless steel cleaning agent following the manufacturer's instructions on the packaging.

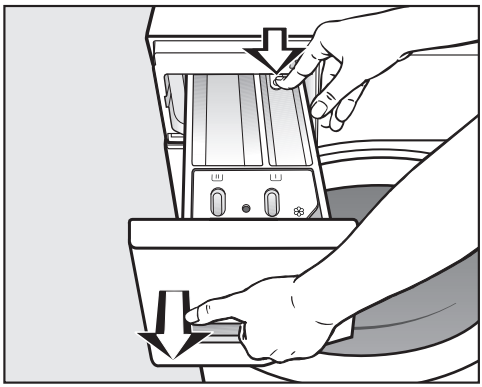
⚠ Damage due to cleaning agents.
Do not use solvents, abrasive cleaners, glass cleaners or all-purpose cleaning agents. These might damage plastic surfaces and other components because of the chemicals they contain.
Do not use any of these cleaning agents.

Cleaning the detergent dispensing drawer

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

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

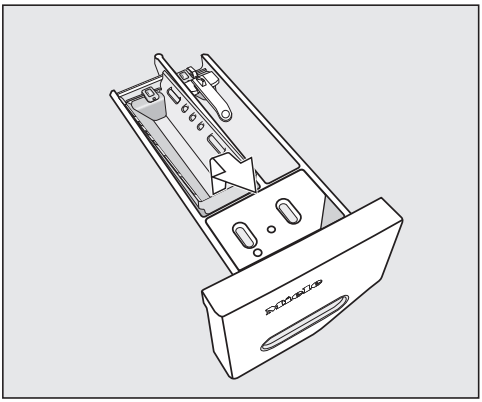
Removing the detergent dispenser drawer



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

Removing and cleaning the insert for liquid detergents

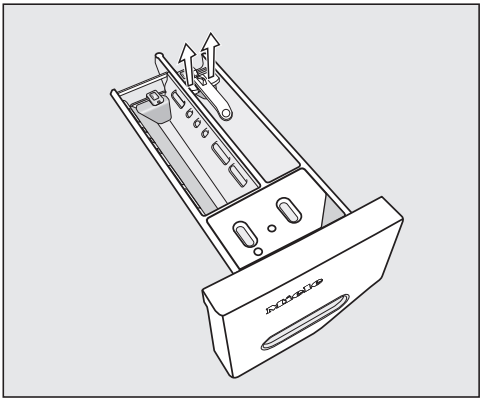
An insert for liquid detergents is located in the II compartment of the detergent dispenser drawer.



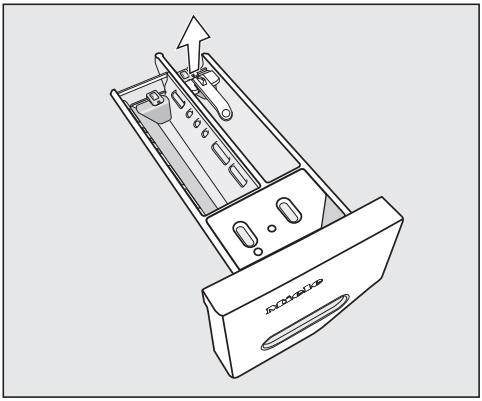
- Remove the insert. Clean the insert thoroughly with warm water.

Cleaning the △I compartment

Compartment 1 has a siphon for better dispensing of the chlorine bleach.



- Remove the release catch.

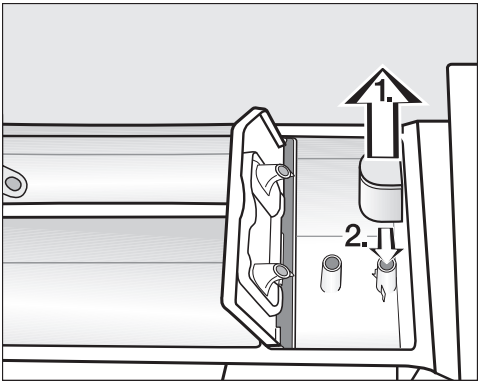


- Remove and clean the siphon.
- Clean the △I and II compartments with warm water.

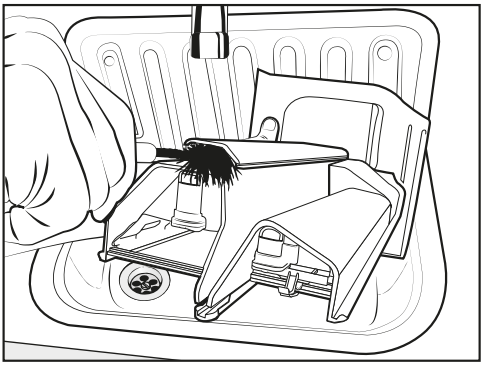
Cleaning the siphon and the ❀/▭ compartment channel

Liquid starch results in clogging. If clogged, the siphon in the ❀/▭ compartment will not work and the compartment can overflow.

Clean the siphon particularly thoroughly after using liquid starch a few times.

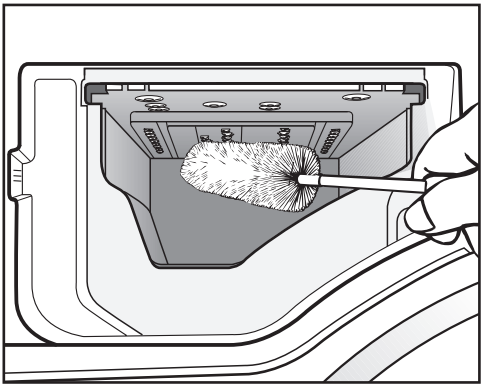


1. Remove the siphon from the ❀ compartment and clean under warm running water. Clean the siphon tube in the same way.
2. Refit the siphon.



- Clean the fabric softener channel with a brush and warm water.

Cleaning the detergent dispenser drawer housing



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

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

Cleaning the drum (hygiene info)

Washing at low temperatures and/or using liquid detergent can cause bacteria and unpleasant odors to build up in the washing machine. Use the Clean Machine program to clean the washing machine. Run this program regularly or at the latest when the Hygiene info: Select "Maintenance" and run the "Clean Machine" program. message appears in the display.

TwinDos maintenance

⚠ Damage resulting from dried laundry detergent.
If the system has not been used for a long time (more than 2 months), detergent in the hoses can become viscous or dry out. The hoses can become blocked and would then need to be cleaned by Customer Service.
Clean the TwinDos system.

To clean the system, you need a "TwinDosCare" cleaning cartridge, which is available from www.shop.miele.com.

The washing machine has a cleaning program for the TwinDos system. Running the cleaning program will clean the hoses inside the washing machine.

Starting the maintenance program

- Switch on the washing machine.
- Scroll to the second page in the main menu.
- Touch the Maintenance sensor button.

The display will then change to show the *Maintenance* menu.

- Select Clean "TwinDos".
- Touch the sensor button for the container you want to clean.
- Confirm Start the Maintenance program? with the Yes sensor button.
- Follow the instructions in the display.

The hoses will now be cleaned. The TwinDos system can be used again at any time.

Cleaning the removable compartment

Detergent residue can cause clogging.

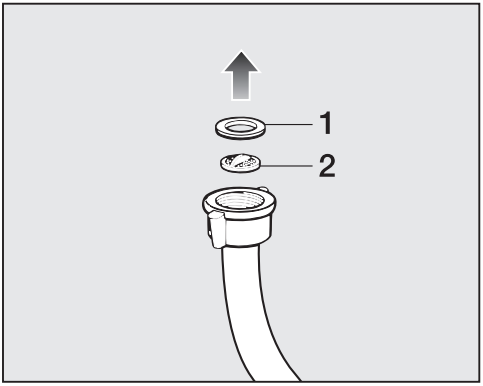
- Use a damp cloth to clean the compartment interior when you change the cartridges or container.

Cleaning the water-inlet filter

The washing machine has 2 filters to protect the inlet valve. Check these filters every 6 months or so. Check the filters more often if there are frequent interruptions to the external water supply.

Cleaning the filter in the inlet hose

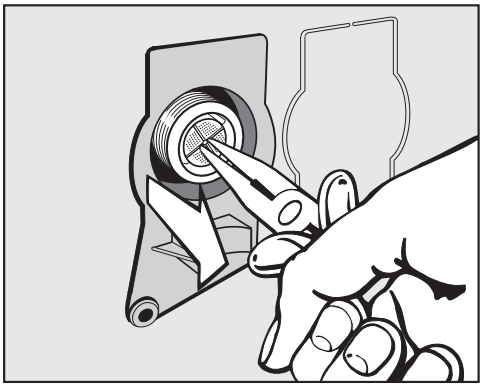
- First turn off the faucet.
- Unscrew the inlet hose from the faucet.



- Remove the rubber seal **1** from the connector.
- Using needle nose pliers, take hold of the plastic filter bar **2** and remove the plastic filter.
- Clean the filter.
- Reassemble in reverse order.

Cleaning the filter in the inlet valve

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



- Use needle nose pliers to withdraw the filter by the bar.
- Clean the filter.
- Reassemble in reverse order.

The filters must be put back in place after cleaning.

- Screw the screw thread securely back onto the faucet.
- Turn on the water-supply faucet.

Make sure there is no water leaking from the screw thread.
Tighten the screw thread.

Many malfunctions and faults that can occur in daily operation can be easily remedied. You can save time and money in many cases, as you do not need to contact Miele Customer Service.

Information to help you rectify faults yourself can be found at www.miele.com/service.

The following tables are designed to help you to find the cause of a malfunction or fault and resolve it.

A wash program cannot be started

Problem	Possible cause and solution
The display remains dark and the Start/Stop button indicator light does not come on.	There is no power to the machine. ■ Check whether the plug is plugged in. ■ Check whether the fuse has tripped.
	The washing machine has switched off automatically to save energy. ■ Switch it back on with the ⏻ button.
The display prompts you to enter a code.	The PIN code is active. ■ Enter the code and confirm the entry. Deactivate the PIN code if you do not wish this message to appear in the display the next time the machine is switched on.
The following appears in the display: ⚠ Door will not lock. Contact Service.	The door is not closed properly. The door lock could not engage. ■ Close the door again. ■ Start the program again. If the fault message appears again, contact Customer Service.

Fault message after a program has been interrupted

Problem	Possible cause and solution
Drainage fault. Clean drain filter and pump. Check the drain hose.	The drain is blocked or restricted. The drain hose has been fixed too high. ■ Clean the drain filter and the drain pump. ■ The maximum drain height is 3' 3" (1 m).

Frequently asked questions

Problem	Possible cause and solution
Water intake fault. Open the water supply.	The water inlet is blocked or restricted. ■ Check whether the faucet is turned on properly. ■ Check whether the inlet hose is kinked. ■ Check whether there is sufficient water pressure.
	The filter in the water inlet is blocked. ■ Clean the filter.
Fault F. If restart fails, contact Service.	There is a fault. ■ Disconnect the washing machine from the power supply. Unplug the appliance or switch off the breaker. ■ Wait **at least 2 minutes** before reconnecting the washing machine to the power supply. ■ Switch the washing machine on again. ■ Restart the program. If the fault message appears again, contact Customer Service.
Waterproof system activated. Close water supply and contact Service.	The water protection system has reacted. ■ Close the faucet. ■ Contact Customer Service.

To switch off the fault message: switch the washing machine off with the ⏻ button.

Fault message after the end of the program

Problem	Possible cause and solution
Check dosage	Excessive foam has built up during washing. ■ Check the amount of detergent dispensed. ■ With automatic detergent dispensing, check the dispensing quantity set. ■ Observe the instructions on the detergent packaging and the level of soiling on the laundry. ■ If necessary, reduce the dispensing quantity by increments of 10%.
Hygiene info: Select "Maintenance" and run the "Clean Machine" program.	When washing, a wash program using a temperature above 60°C (140°F) has not been run for a long time. ■ In order to prevent bacteria and unpleasant odors building up in the washing machine, run the *Clean Machine* program using a multi-purpose powder detergent.

Problem	Possible cause and solution
i Intensive flow: Clean the filter and jet or remove foreign objects from the pump housing.	The pumps are dirty. ■ Clean the pumps as described in “Frequently Asked Questions – Opening the door in the event of a blocked drain outlet and/or power outage”. ■ Start a wash program again after cleaning.
	The jet in the top of the door ring is blocked with lint. ■ Remove the lint with your finger. Do not use any sharp or pointed tools to do this. ■ Start a wash program again after cleaning.
	If the fault message appears again, contact Customer Service. The washing machine can still be used but with reduced functionality.
i Align the machine. Laundry not properly spun	The SoftSteam extra option which runs at the end of the program could not be carried out properly. ■ Check whether the washing machine is aligned correctly (see “Installation – Leveling the machine”). ■ Check whether the maximum drain height of 3' 3" (1 m) has been exceeded.
	If the fault message appears again, contact Customer Service. The washing machine can still be used but with reduced functionality.

The messages will appear at the end of the program and when the washing machine is switched on, and need to be confirmed with the *OK* sensor button.

Messages or faults affecting the TwinDos system

Problem	Possible cause and solution
i Only a few more wash cycles possible. Please order new detergent for compartment ①.	The detergent in the cartridge is running low. There are between 4 and 8 wash cycles remaining. ■ Order a new cartridge.
i “TwinDos” ① is empty. Check wash results.	The cartridge is empty. ■ Replace the cartridge. ■ Check whether the laundry is clean. If it is not, there may not have been enough detergent. Wash the laundry again if necessary.

Frequently asked questions

Problem	Possible cause and solution
ℹ Use "TwinDos" or carry out "TwinDos" Maintenance in the "Maintenance" menu. See the Operating Instructions for more information.	TwinDos or automatic dispensing via compartment ① and/or ② has not been used for a long time. ■ Use TwinDos for one of your next wash cycles. ■ Carry out the TwinDos maintenance program as described in "Cleaning and care – TwinDos maintenance".
⚠ TwinDos Maintenance for compartment ① must be started in the "Maintenance" menu. See Operating Instructions for more information	TwinDos or automatic dispensing via compartment ① and/or ② has not been used for a long time. It is possible that detergent has dried inside the hoses. ■ **Immediately** carry out the TwinDos maintenance program as described in "Cleaning and care – TwinDos maintenance".
A new detergent cartridge has been inserted, but the cartridge is identified as empty when the machine is switched on.	The washing machine was switched off when the detergent cartridge was replaced. ■ Switch on the washing machine. ■ Remove the detergent cartridge and then reinsert it into the compartment. The counter is set to 0.
There are dark specks in the liquid detergent.	Bacteria has developed in the detergent. ■ Pour the liquid detergent out of the container and then clean the container thoroughly.
No detergent and/or fabric softener was dispensed during the wash program.	TwinDos was not activated. ■ Touch the TwinDos sensor button before running the next program. TwinDos is activated.
	No detergent and/or fabric softener was dispensed when TwinDos was selected. ■ Try again. ■ If detergent is still not dispensed, contact Customer Service.
The messages shown on this page are examples. They may differ depending on whether they refer to compartment ① or ②.	

The messages will appear at the end of the program and when the washing machine is switched on, and need to be confirmed with the *OK* sensor button.

General problems with the washer

Problem	Possible cause and solution
The washing machine is emitting an odor.	The hygiene info was not observed. A wash program using a temperature above 140°F (60°C) has not been run for a long period of time. ■ In order to prevent bacteria and unpleasant odors building up in the machine, run the *Clean machine* program using Miele clean machine or universal powder detergent.
	The door and detergent dispenser drawer were closed after washing. ■ Leave the door and the detergent dispenser drawer slightly open to allow them to dry.
The washer shakes during the spin cycle.	The four feet are not resting evenly on the floor. ■ Level the machine (see “Leveling the washer”).
The laundry has not been spun properly and the laundry is still wet.	The machine detected an imbalance during the final spin and reduced the spin speed automatically. ■ Wash large and small items together in order to achieve a more even load distribution.
There are unusual sounds coming from the drain pump.	There is no fault! Lapping sounds at the beginning and end of the drain process are normal.
The drum lighting does not come on.	The drum lighting goes out automatically after 5 minutes. ■ Open the pull-down menu from the Overview menu and then touch the ☼ sensor button.
	The drum lighting is faulty. ■ Contact Miele Customer Service.
The fabric softener is not completely dispensed or too much water remains in the ❀ compartment.	The siphon tube is either positioned incorrectly or clogged. ■ Clean the siphon tube, see “Cleaning and care - Cleaning the detergent drawer”.
At the end of the program there is still liquid in the capsule.	The small pipe in the detergent dispenser drawer onto which the capsule is placed is blocked. ■ Clean the small pipe.
	Not a fault. For technical reasons, a small amount of water will remain in the capsule.

Frequently asked questions

Problem	Possible cause and solution
There is water next to the capsule in the fabric softener compartment.	CapDosing was not activated or an empty capsule was not removed at the end of the last wash program. ■ Make sure that you remember to activate CapDosing the next time you insert a capsule. ■ Remove and then dispose of the empty capsule at the end of each wash cycle.
	The small pipe in the detergent dispenser drawer onto which the capsule is placed is blocked. ■ Clean the small pipe.

Poor wash results

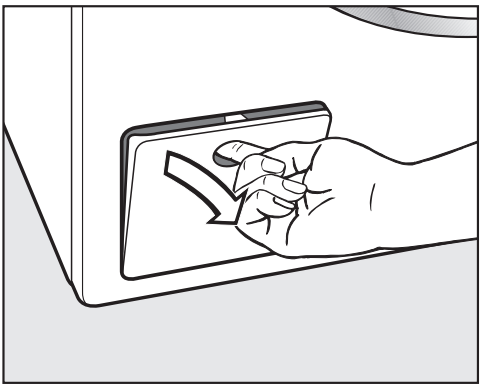
Problem	Possible cause and solution
Liquid detergent is not achieving the required results.	Liquid detergents do not usually contain bleaching agents. Consequently, fruit, coffee, and tea stains cannot always be removed. ■ Use the Miele 2-phase system. The deliberate addition of UltraPhase 2 during the wash process removes stains effectively. ■ Use powder detergent containing a bleaching agent.
White residues which look like powder detergent are seen on dark textiles after washing.	The detergent contained compounds (zeolites) to aid water softening which are not soluble in water. These have ended up on the laundry. ■ Try and brush off the residues with a soft brush once the laundry is dry. ■ In the future, wash dark textiles using a detergent which contains no zeolites. Liquid detergents do not usually contain zeolites. ■ Use the *Darks* program to wash the textiles.
Gray, greasy particles cling to washed laundry.	Insufficient amounts of detergent were used. The laundry was heavily soiled with grease (oils, ointments). ■ Use more detergent or liquid detergent with this type of soiled laundry. ■ Before washing the next load, run the *Clean Machine* wash program using a universal powder detergent.

The drum door cannot be opened

Problem	Possible cause and solution
The door cannot be pulled open during a program.	The drum is locked during a program. ■ Touch the *Start/Stop* sensor button to cancel the program. The program is canceled, the door will unlock, and you will be able to pull it open.
	There is still water in the drum and the machine is unable to drain. ■ Clean the drain filter and the drain pump as described in "Opening the door in the event of a blocked drain outlet and/or power outage".
Comfort Cooling **appears in the display after a program has been canceled.**	To protect the user against scalding, the door cannot be opened if the suds temperature is higher than 130°F (55°C). ■ Wait until the temperature in the drum has decreased and the message has gone out in the display.
The following appears in the display: ⚠ The door lock is jammed. Contact Service.	The door lock has jammed. ■ Contact Customer Service.

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

■ Turn off the washing machine.



■ Open the drain pump flap.

Blocked drain outlet

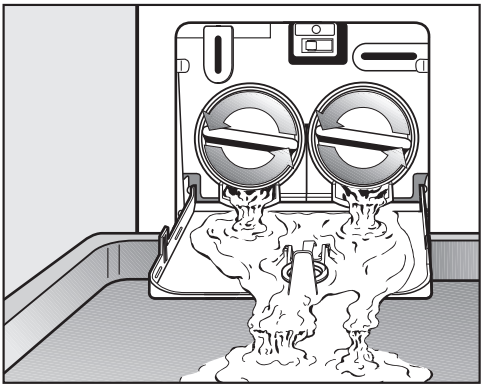
If the drain outlet is blocked, a larger quantity of water can remain in the washing machine.

⚠ Risk of scalding due to hot suds.
Escaping suds will be hot if laundry has been washed at high temperatures.
Carefully allow all suds to drain off.

Draining the washing machine

Remove the drain filters, though not completely.

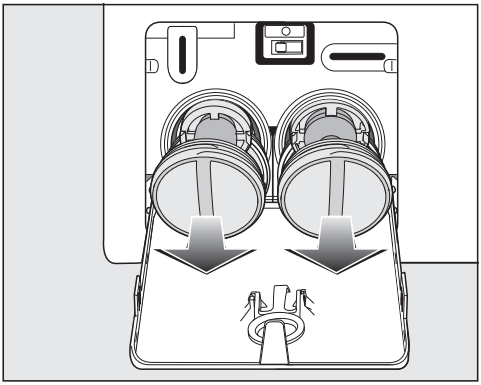
■ Place a suitable container under the flap, e.g., a bowl or dish.



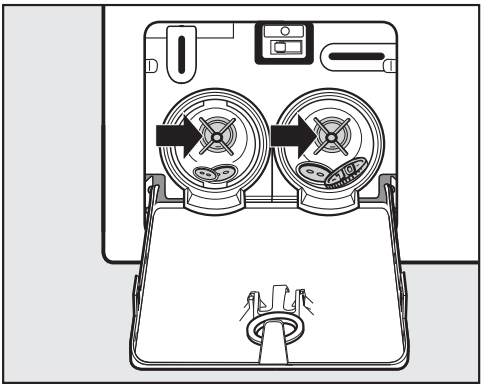
■ Slowly unscrew the drain filters to let the water out.

■ Tighten the drain filters back up again if you need to interrupt the flow of water.

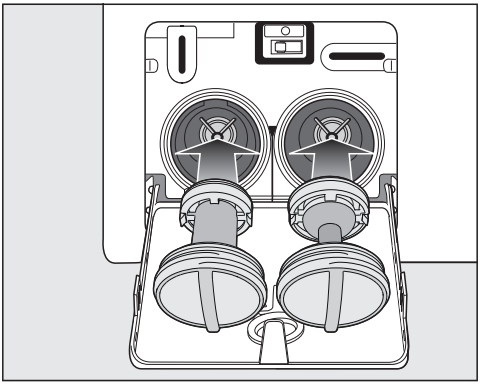
Once the flow of water stops:



■ Remove the drain filters completely.



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



- Replace the drain filters correctly (on the right and left) and tighten them securely.
- Close the drain pump flap.

⚠ Risk of water damage

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

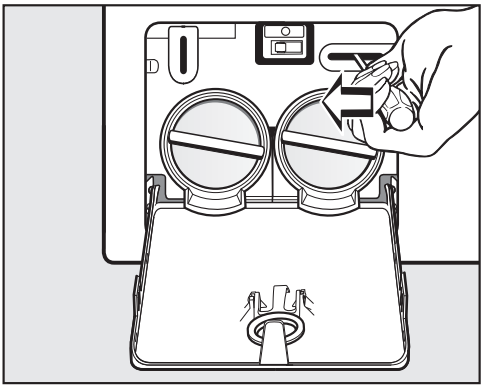
Replace the drain filters correctly and tighten them securely.

Opening the door

⚠ Danger of injury due to rotating drum.

Reaching into a rotating drum is extremely dangerous and may result in injury.

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



- Use a screwdriver to unlock the door.
- Pull open the door.

Information to help you rectify faults yourself and about Miele spare parts can be found at www.miele.com/service.

Contact in the event of a fault

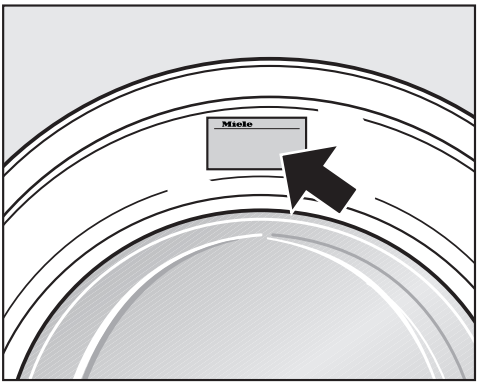
In the event of a fault which you cannot remedy yourself, please contact your Miele dealer or Miele Customer Service.

You can book a Miele Service Call online at www.miele.com/service.

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

Please quote the model identifier and serial number of your appliance (SN) when contacting Miele Customer Service. Both pieces of information can be found on the data plate.

The data plate is found above the porthole glass when the door is opened.



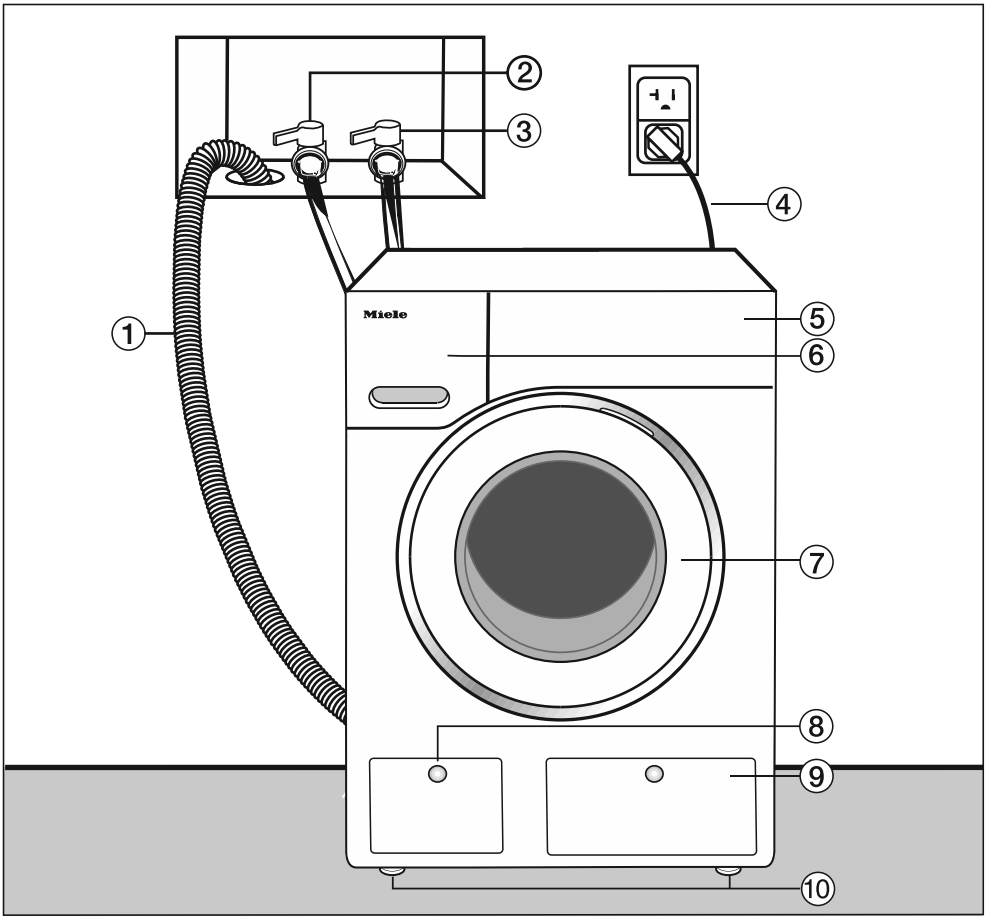
Optional accessories

Optional accessories are available through your Miele dealer or Miele.

Appliance warranty and product registration

You can register your product and/or view the manufacturer´s warranty terms and conditions for Miele appliances and vacuum cleaners at www.mieleusa.com.

Front view



① Drain hose

② Hot-water inlet hose (pressure-proof to 870 psi/6,000 kPa)

③ Cold-water inlet hose (pressure-proof to 870 psi/6,000 kPa)

④ Electrical connection

⑤ Control panel

⑥ Detergent dispenser drawer

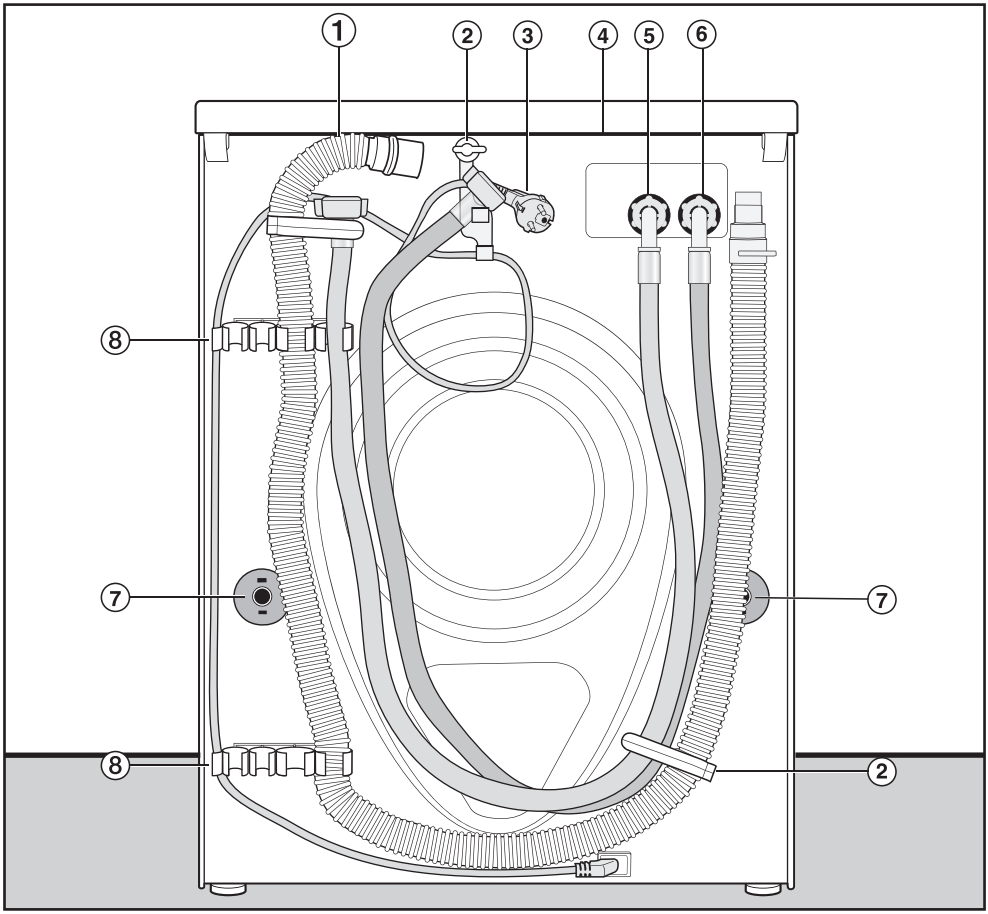
⑦ Door

⑧ Flap for drain filters, drain pumps, and emergency release

⑨ Flap for TwinDos cartridges

⑩ Four height-adjustable feet

Rear view



① Drain hose

② Transport clips for inlet and drain hoses and power cord

③ Electrical connection

④ Protruding lid for holding when moving the machine

⑤ Cold-water inlet hose (pressure-proof to 870 psi/6,000 kPa)

⑥ Hot-water inlet hose (pressure-proof to 870 psi/6,000 kPa)

⑦ Safety caps for shipping struts

⑧ Transport clips for inlet and drain hoses and for storing shipping struts when not in use

Installation surface

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

Please note:

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

If installing on a wooden joist floor:

- Install the unit on a 24" x 24" x 1 $^{3}/_{16}$" (61 x 61 x 3 cm) plywood base. Ideally the base should be large enough to span several joists and should be anchored to the joists and not just the floor boards.

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

⚠ Injury can occur if the washing machine has not been adequately secured.

During installation, the washing machine must be secured on a raised plinth to be made available on site (concrete or brick), in order to ensure it cannot fall or slip.

Secure the washing machine using a clamp/fastening bracket (MTS floor mounting kit – available from your Miele dealer or Miele Service).

Transporting the washing machine to its installation site

⚠ Danger of injury due to unsecure lid.

The fixings at the back of the lid may become brittle due to external circumstances. There is a danger of the lid being pulled off when carrying the appliance.

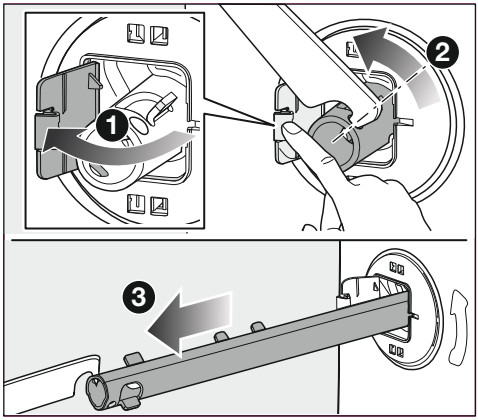
Before carrying the appliance, check that the lid is secure where it protrudes at the back of the appliance.

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

Removing the transport safety device

Removing the shipping struts

Remove the left-hand shipping strut first, followed by the right-hand shipping strut.



❶ Push the cover out.

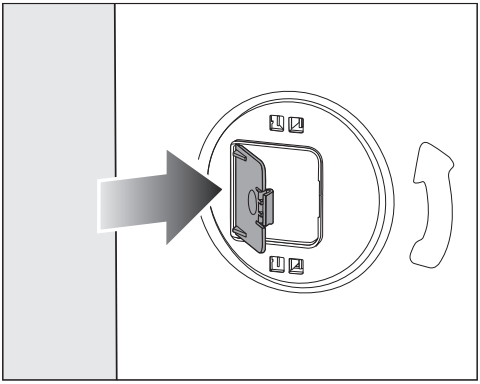
❷ Using the wrench supplied, turn the shipping strut 90°.

❸ Pull out the shipping strut.

- Remove the right-hand shipping strut in the same way.

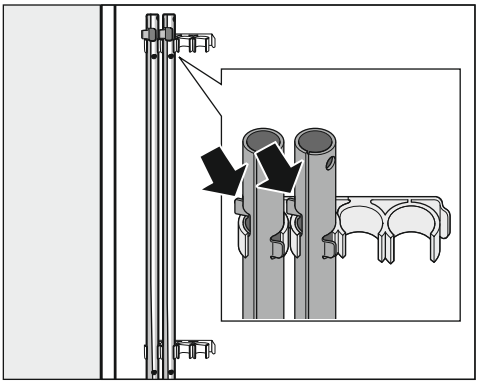
Covering the holes

⚠ Risk of injury from sharp edges.
There is a risk of injury from reaching into holes that are not covered.
After removing the transport safety device, cover the exposed holes.



- Press the covers firmly shut until they click into place.

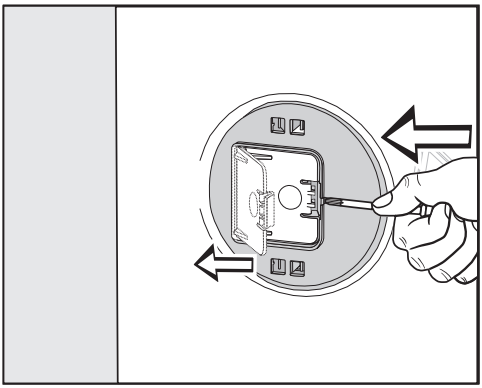
Securing the shipping struts



- Secure the shipping struts to the rear panel of the washing machine. Make sure that the top retainer is located above the holder.

Installing the shipping struts

Opening the covers



- Press against the catch with a thin object (a narrow screwdriver, for example).

The cover opens.

Installing the shipping struts

- Install the shipping struts by following the instructions for their removal in reverse order.

Tip: The struts will slide in more easily if you lift the drum slightly.

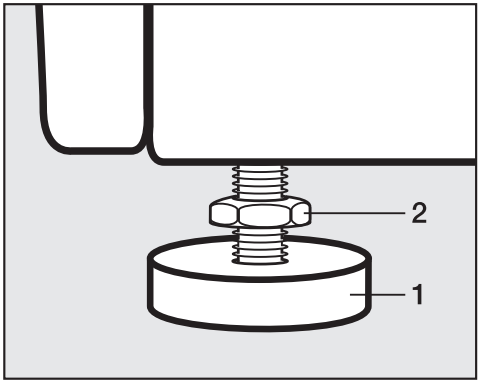
Leveling the machine

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

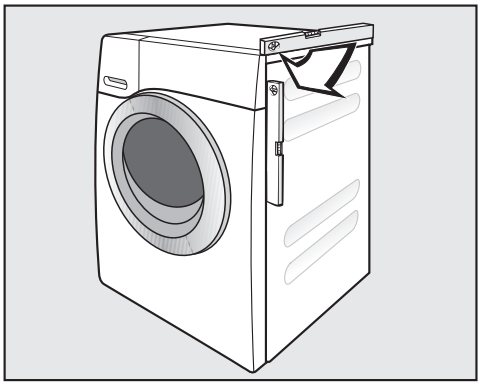
Incorrect installation may increase electric and water consumption and may cause the machine to move about.

Unscrewing and adjusting the feet

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



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



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

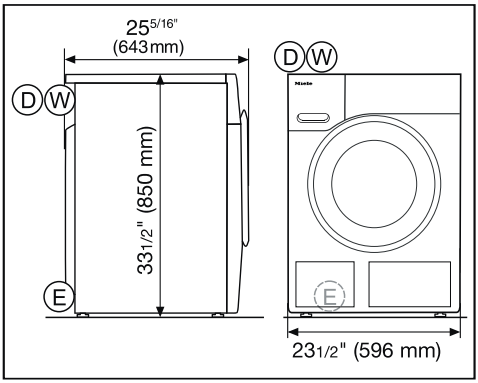
⚠ Risk of damage due to incorrectly aligned washing machine.

There is a danger of the washing machine moving about if the feet are not secured.

Turn all four counter nuts for the feet until they sit firmly up against the housing. Please also check this for the feet which did not need adjustment.

Product Dimensions

Dimensions



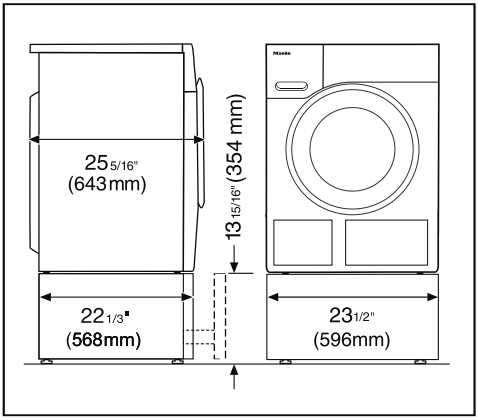
Ⓓ = 4'11" (1.5 m) drain hose with connection to the top left on the rear

Ⓔ = 6'6¾" (2.0 m) electrical cord with plug for 120 V, 15 A (NEMA 5-15 configuration) to the top left on the rear

Ⓦ = 5'3" (1.6 m) warm and cold-water intake hoses to the top left on the rear

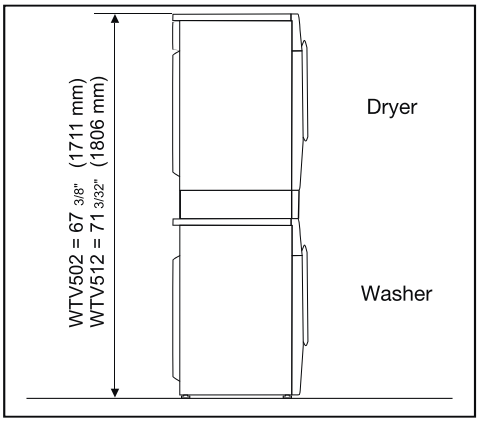
Installation on a plinth

- WTS 510 (only available in white)



Washer-dryer stack

- WTV 512 and WTV 502 washer-dryer stacking kit



Installing under a countertop

⚠ Risk of electric shock due to exposed cables

There is a risk of coming into contact with live parts while the lid is removed.

Do not remove the washing machine lid.

This washing machine (with lid intact) can be pushed under a countertop if there is space to do so.

Additional installation requirements

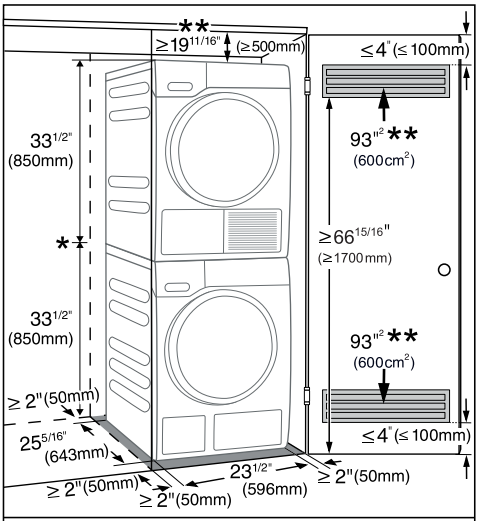
The washing machine must be installed in accordance with the relevant local regulations.

⚠ Damage resulting from failure to remove the shipping struts.

Failure to remove the shipping struts can result in damage to the washing machine and to adjacent cabinetry or appliances.

Remove the shipping struts as described in “Installation and connection”.

Setting up the cabinet



* Height with Stacking Kit
WTV502 = 67 3/8" (1711 mm)
WTV512 = 71 1/8" (1806 mm)

** If it is not possible to fulfill the dimension specification you may have longer drying and process time.

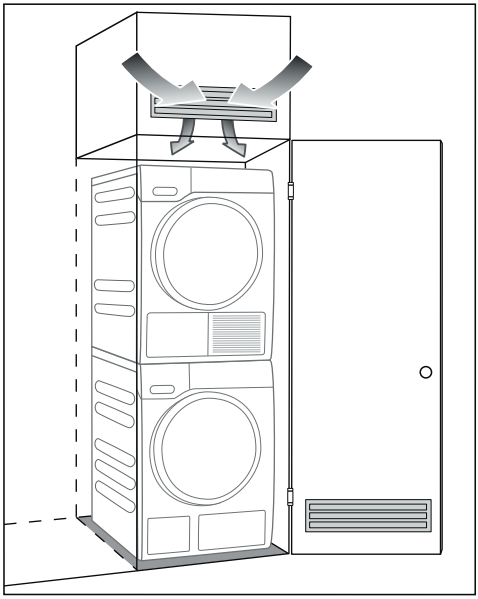
For closets at room height

You can also insert a ventilation opening at the top of the closet. In addition, you must provide an opening on the bottom side of the door.

⚠ Risk of damage due to overheating of the washing machine.

The air supply must not be hindered by an additional closet or shelf.

Please ensure that air is able to circulate freely at the top of the closet.



The water protection system

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

The system consists of the following main components:

- the inlet hose
- the electronic module and drainage and overflow protection
- the drain hose

Inlet hoses

- Protection against the hoses bursting The inlet hose can withstand pressure of more than 1,015 psi (7,000 kPa).

Electronics and housing

- Floor tray: Any leaking water from the washing machine is collected in the drip tray. There is a float switch to close the water intake valve. The water inlet is shut off and any water inside the suds container is drained away.
- Leak protection: Any leaking water that is not collected in the drip tray is detected. The water inlet is shut off and any water inside the suds container is drained away.
- Overflow protection: This prevents the washing machine from taking in too much water and overflowing. If the water level exceeds a certain level, the drain pump switches on and pumps the excess water away.

Drain hose

The drain hose is protected by a ventilation system which prevents the washing machine from being emptied completely.

Water intake

⚠ Health risk and risk of damage due to contaminated incoming water.
The quality of the incoming water must comply with the requirements for drinking water in the country in which the washing machine is being operated.
Always connect the washing machine to the drinking water supply.

The washing machine can be connected to a portable water supply. A non-return valve is not needed unless required by building code.

The washing machine has ½“ (13 mm) pressure hoses with ¾” (19 mm) female hose thread connections. If there is no water hookup, contact a plumber to install a connection. Make sure that the sealing ring is seated properly on the hose connector.

Replace the hose only with a genuine Miele hose, or with a hose able to withstand up to 145 psi (1,000 kPa) pressure. The water valve connector must also be able to withstand 145 psi (1,000 kPa).

The screw thread is subject to water connection pressure.
Check the connection for leaks. Slowly open the faucet. Correct the position of the seal and screw thread if necessary.

Maintenance

Only use a genuine Miele hose that has been tested to withstand pressure of at least 870 psi (6,000 kPa) should you ever need a replacement.

⚠ A filter is located in the open end of the inlet hose and another in the intake point to protect the inlet valve. Neither filter may be removed.

Water drainage

The suds are drained through a drain pump with a 3'3⅜" (1 m) delivery head. For the water to drain freely, the hose must be installed free of kinks.
If required, the hose can be extended to a length of up to 16'4⅞" (5 m). Accessories are available from Miele.

Drainage options:

1. Direct into a sink or basin:

   Please note:

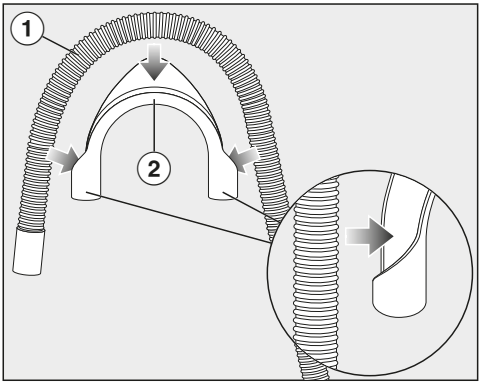
   – Hook the hose over the edge and secure!

   – If the water is pumped into a sink, be sure that it can drain away quickly enough. Otherwise there is a risk of water overflowing or of some of the drained water being sucked back into the machine.

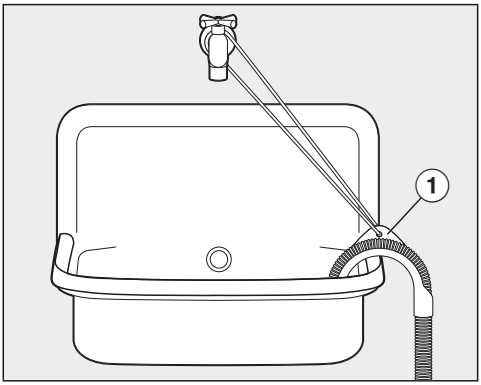
2. Connected securely to a plastic drain pipe with a rubber nipple (there is no need to use a non-return valve).
3. Connected securely to a floor drain.
4. Connected securely to a sink with a plastic nipple.

Installing the elbow

Use the elbow supplied to stop the drain hose from slipping.



■ Attach the elbow ② to the drain hose ①.



■ Place the end of the drain hose in a sink.

■ Use a strap with eyelet ① to stop the elbow from slipping.

Electrical connection

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING – Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt as to whether the appliance is properly grounded.

Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

ELECTRICAL INSTRUCTIONS

This installation should be performed by an experienced and qualified technician, in accordance with local codes and regulations.

The washing machine is supplied with a 6'6¾" (2.0 m) long, 3 wire cord, ending in a NEMA 5-15P plug, ready for connection to a 120 V, 15 A, 60 Hz, AC power supply.

The manufacturer recommends operating the appliance on a dedicated circuit to avoid overloading the electrical circuit.

The proper outlet can be purchased from an electrical supply dealer.

Height	33 1/2" (850 mm)
Width	23 1/2" (596 mm)
Depth	25 5/16" (636 mm)
Depth with door open	41 1/2" (1054 mm)
Height for building under	33 1/2" (+5/16"/-1/16") (850 mm)
Width for building under	23 5/8" (600 mm)
Weight	Approx. 220.5 lb (100 kg)
Capacity	17.6 lb/8.0 kg dry laundry
Connection voltage	See data plate
Rated load	See data plate
Fuse rating	See data plate
Minimum water flow pressure	14.5 psi (100 kPa)
Maximum water flow pressure	145 psi (1,000 kPa)
Water-inlet hose length	5'3" (1.6 m)
Drain-hose length	4'11" (1.5 m)
Power-cord length	6'6 3/4" (2.0 m)
Maximum drain height	3'3 3/8" (1.0 m)
Maximum drain length	16'4 7/8" (5.0 m)
LEDs	Class 1
Test certificates awarded	See data plate
Frequency range	2.412–2.462 GHz
Maximum transmission power	< 100 mW

You can use the settings to alter the washing machine's electronics to suit changing requirements.

The settings can be altered at any time.

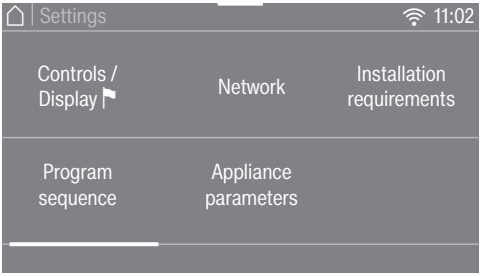
Calling up settings

- Switch on the washing machine.
- Scroll to the second page in the main menu.
- Touch the Settings sensor button.

The display will change to show the Settings menu.

Selecting settings

The settings are grouped into different areas.



- Select the required area.
- Scroll through the list until the desired setting appears.
- Touch the sensor button to select the desired setting.

Changing a setting

- Change the value displayed and confirm with OK.

or

- Touch an option to select it.

An option which is selected will be highlighted orange.

The option is saved. The display will then switch to the Settings menu, or go back to the previous menu level.

Closing the Settings menu

- Touch the ⮌ sensor button.

The display will then go back to the previous menu level.

- Touch the ⌂ sensor button.

The display will change to the main menu.

Controls / Display ⚑

Language ⚑

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

The flag ⚑ after the word *Language* acts as a guide in case a language which is not understood is set.

The language selected is saved to memory.

Code

The PIN code prevents the washing machine being used without your knowledge.

Options

- Activate
  When the PIN code has been activated, you have to enter it after switching the washing machine on. Otherwise, the washing machine cannot be operated.
  The factory default PIN code is 125.
- Change
  You can set a different, three-digit PIN code.

⚠ Make a note of the new PIN code. If you forget the code, the washing machine will need to be unlocked by Miele Service.

- Deactivate
  The washing machine is to be operated again without entering the PIN code. This only appears if the PIN code has been activated previously.

Memory

The washing machine will save the last settings (temperature, spin speed, and some of the extra options) selected for a wash program after the program has started.

When the program is chosen again, the saved settings will appear in the display.

Memory is deactivated as standard.

Clock display

After selecting the clock format, you can set the time of day.

Clock format

- 24 h clock (factory default)
- 12 h clock

Time

- The time can be set.

Volume

Finish tone

The volume of the audible signal that sounds at the end of the program can be changed.

It can be set to one of 7 different levels or switched off altogether.

Keypad tone

The volume of the audible signal that sounds when a sensor button is touched can be changed.

It can be set to one of 7 different levels or switched off altogether.

Display Brightness

The brightness of the display can be altered.

It can be set to one of 7 different levels.

Temperature unit

The temperature and spin speed values can be displayed in different ways.

Options

- Clear text (factory default)
  The values are displayed as words.
- °C / Celsius
  The temperatures are displayed as figures in °C.
- °F / Fahrenheit
  The temperatures are displayed as figures in °F.

“Display” off status

The display and the sensor button lighting is switched off to save energy. The *Start/Stop* sensor button flashes slowly.

Options

- Off
  The lighting remains switched on.
- On (factory default)
  The lighting switches off after 10 minutes.

- On -Not in current prog.
  The lighting remains switched on throughout the program. The lighting switches off 10 minutes after the program has ended.

Program sequence

TwinDos

You can check the dispensing quantities.

Select type of detergent

You can either use UltraPhase 1 and UltraPhase 2, or switch TwinDos dispensing off.

Use the No agent setting to switch TwinDos dispensing off.

Change the dosage

The set values for dispensing UltraPhase 1 and UltraPhase 2 detergent can be checked and corrected.

Soiling

Allows selection of default setting for level of soiling.

The following soiling levels are available to choose from:

- Light
- Normal
- Heavy

The factory default setting is: Normal

Maximum rinse level

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

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

The maximum rinse level is deactivated as standard.

Soak duration

You can set a duration for the soak process of between 30 minutes and 6 hours.

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

A duration of 0: 30 h is set as standard.

Extra Gentle

When Gentle action is activated, drum rotation is reduced. In this way, lightly soiled items can be washed more gently.

Gentle action can be activated for the *Normal* and *Wrinkle-free* programs.

Gentle action is deactivated as standard.

Anti-crease

The Anti-crease function helps prevent creasing after the end of the program.

At the end of the program, the drum continues to turn for up to 30 minutes. The washing machine door can be unlocked and then opened at any time by touching the *Start/Stop* sensor button.

Anti-crease is activated as standard.

Bleach

You can activate the automatic addition of bleach at the end of the main wash.

Bleach may only be used in some programs. See “5. Adding detergent – Using chlorine bleach” for more detailed information.

Activating bleach extends the program duration by approximately 10 minutes.

The washing machine is delivered with the bleach setting deactivated.

Network

Miele@home

Control the networking of your washing machine with your WiFi network.

The following points may appear in the submenu:

Set up

This message only appears if the washing machine has not yet been connected to a WiFi network.

Please refer to “Before using for the first time” for instructions on how to set up the connection.

Activate

(visible if Miele@home is deactivated)

The WiFi function is reactivated.

Deactivate

(visible if Miele@home is activated)

Miele@home remains set up; the WiFi function is turned off.

Connection status

(visible if Miele@home is activated)

The following values are displayed:

- the quality of WiFi reception
- the network name
- the IP address

Set up again

(visible if set up)

Resets the WiFi login (network) to immediately re-establish a new connection.

Reset

(visible if set up)

- The WiFi is switched off.
- The WiFi connection will be reset to the factory default.

The network configuration should be reset whenever a washing machine is being disposed of or sold, or if a used washing machine is being put into operation. This is the only way to ensure that all personal data has been removed and the previous owner will no longer be able to access the washing machine.

A new connection setup has to be carried out in order to use the Miele@home setting again.

SmartGrid

The SmartGrid setting is only visible if the Miele@home setting is set up and activated.

You can set your washing machine to start automatically based on an external signal within a certain time period.

Activating SmartGrid gives the *Timer* sensor button a new function. Use the Timer sensor button to set *SmartStart*. The washing machine will then start within the time period specified by you when it receives an external signal. If an external signal has

not been received by the latest start time set, the washing machine will start automatically (see “Delay Start”).

SmartGrid is deactivated as standard.

Remote Control

The Remote control setting is only visible if the Miele@home setting is set up and activated.

Once the Miele@mobile app has been installed on your mobile device, you can check the status of your washing machine from anywhere and start it remotely. You can also control it remotely via the MobileStart program.

You can switch off the Remote control setting if you do not want to operate the washing machine with your mobile device.

If Remote control is not switched on, the app can cause the program to be canceled.

Use the Timer sensor button to set a timeframe within which you want to start the washing machine and the timer (see “Timer”).
The washing machine will then start within the timeframe specified when it receives your signal.
If it has not received a start signal by the latest start time set, the washing machine will start automatically.

Remote control is activated as standard.

RemoteUpdate

The RemoteUpdate menu option is only displayed and can only be selected if the requirements for using Miele@home have been met (see “Before using for the first time – Miele@home”).

The RemoteUpdate function updates the software in your washing machine. If an update is available for your washing machine, it will automatically download it. Updates will not be installed automatically. They must be initiated manually.

If you do not install an update, you can continue to use your washing machine in the usual way. However, Miele recommends installing updates.

Activating/deactivating

The RemoteUpdate function is activated as standard. Available updates will be downloaded automatically but will only be installed if you initiate installation manually.

Deactivate RemoteUpdate if you do not want any updates to be downloaded automatically.

Running a RemoteUpdate

Information about the content and scope of an update is provided in the Miele app.

A message will appear in your washing-machine display if a software update is available.

You can install the update immediately or postpone this until later. When the washing machine is switched on again, you will be reminded about the update.

Deactivate RemoteUpdate if you do not want to install the update.

The update may take several minutes.

Please note the following information about the RemoteUpdate function:

- You will only receive a message when an update is available.

- Once an update has been installed, it cannot be undone.
- Do not switch off the washing machine during an update. Otherwise, the update will be aborted and will not be installed.
- Some software updates can only be carried out by Miele Customer Service.

Appliance parameters

Legal Information

Open Source Licenses

You can view information here.

Copyrights and licenses for operator and control software

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Water intake

You can program 2 options for the water inlet. The water inlet is controlled by the two inlet hoses.

Options

- Cold water
  The washing machine will be operated with cold water only.
- Hot main wash (default setting)
  Hot water is used in the main wash to save energy.
  You can heat up your water with cheaper, primary energy sources, e.g., gas, solar power, oil. The temperature must be below 140°F (60°C.)

⚠ For technical reasons, the washing machine **must** always be connected to cold water.

Installation requirements

Low water pressure

If the water pressure is below 14.5 psi (1 bar), the program will be canceled and the fault message Water intake fault. Open the water supply. will appear.

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

Low water pressure is deactivated as standard.

Suds cooling

Additional water flows into the drum at the end of the main wash to cool the suds down.

Suds cooling takes place when a Cottons program with a temperature of 158°F (70°C) or higher is selected.

Suds cooling should be activated:

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

Suds cooling is deactivated as standard.

Temperature reduction

At high altitudes, water has a lower boiling point. Miele recommends activating the reduced-temperature setting at altitudes of 6,560 ft (2,000 m) or above to prevent water from boiling. The maximum temperature is reduced to 176°F (80°C), even if a higher temperature has been selected.

The reduced-temperature setting is deactivated as standard.

Please have the model and serial number of your appliance available when contacting Customer Service.

U.S.A.

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