Míele

PROFESSIONAL

Operating Instructions
Washer
PW 5064

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

en - US

M.-Nr. 07 704 080

Contents

Contents

IMPORTANT SAFETY INSTRUCTIONS

⚠ **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 installation or use to prevent injury and appliance damage.

This appliance conforms to all uniform safety codes and regulations.

Keep these operating instructions in a safe place and pass them on to any future user.

SAVE THESE INSTRUCTIONS

Correct usage

▶ 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.

▶ Persons who lack physical, sensory or mental abilities, or experience with the appliance should not use it without supervision or instruction by a responsible person.

▶ The washer should only be operated by trained and qualified personnel. Public use, such as a laundromat is not permitted.

Children

▶ 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.

Technical safety

▶ Check the packaging, the washer and accessories for any signs of damage. Do not use a damaged appliance.

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

▶ GROUNDING INSTRUCTIONS This appliance must be grounded. In the event of 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 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.

▶ Installation, repair and maintenance work should be performed by a Miele authorized service technician. Work by unqualified persons could be dangerous and may void the warranty.

▶ 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 repair or replace any part of the appliance or attempt any servicing unless specifically recommended in these operating instructions.

▶ Before servicing, cleaning or in the event of a fault, disconnect the appliance from the main power supply.

▶ Only use a new hose kit to connect the washer to the water supply. Old hosing should not be re-used.

▶ Faulty components must only be replaced with genuine Miele spare parts.

▶ 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.

IMPORTANT SAFETY INSTRUCTIONS

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

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

Safety

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

▶ Do not install the washing machine in rooms where temperatures below freezing may occur.

▶ Before using the washer for the first time, remove the shipping struts at the back of the appliance (see "Installation - Removing the shipping struts"). Failure to remove the shipping struts can damage the washer and surroundings during spinning.

▶ Close the water supply if the machine is to be left for any length of time (e.g. vacation), especially if there is no floor drain (gully) in the immediate vicinity.

▶ Ensure that no foreign objects are left in pockets (e.g. nails, coins, paper clips, etc.) find their way into the machine with the laundry. Soiling such as metal shavings, etc. on cloths must be shaken out before washing. These may damage components of the machine (e.g. suds container, drum), which in turn can result in damage to the laundry.

▶ Proper dosing of the detergent will eliminate the need to descale. However, if you wish to descale the machine only use proprietary non-corrosive descaling agents. Closely follow the instructions on the product package.

▶ 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.

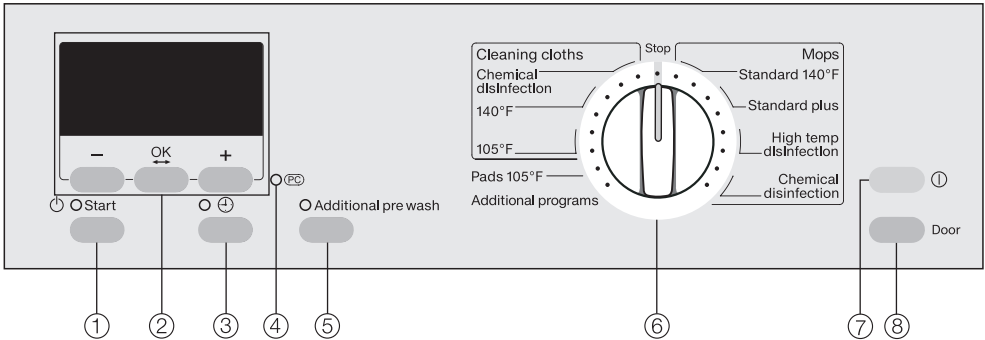▶ Do not tamper with the controls.

Accessories

▶ Only use genuine Miele accessories. If unapproved parts are used, guarantee, performance and product liability claims may become void.

SAVE THESE INSTRUCTIONS AND REVIEW THEM PERIODICALLY

Guide to the washer

Control panel

① **"Start" button** with indicator
   starts the selected wash program.

② **Display with –, "OK" and + buttons**
   allows more info to be seen on the
   following screens.

③ ⏱ **Delay Start button** with indicator

④ **PC Indicator/Optical interface**
   allows a service technician to check
   and update the wash programs

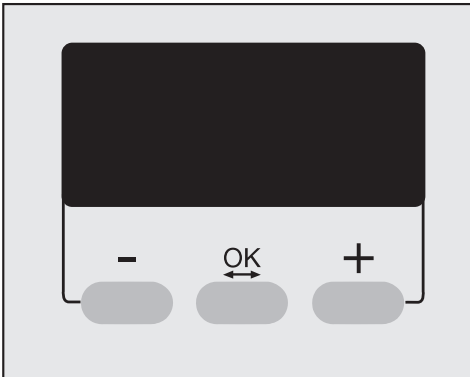⑤ **"Additional Pre-wash" button** with
   indicator

⑥ **Program selector**
   to select a wash program.
   The program selector can be turned
   clockwise or counterclockwise.

⑦ **On/Off button**

⑧ **"Door" button**
   to open the drum door.

Display

– / + buttons

To change the value highlighted in the display.

– decreases the value or moves the marker up

+ increases the value or moves the marker down.

"OK" button

To confirm the selected value and select the next component.

The following can be selected with the display:

– additional programs,

– final spin speed,

– temperature of some programs, and

– delay start.

The display also shows the running time of the wash program and the current time of day.

Additionally the "Settings ⌐" menu can be accessed by the display.

Before using for the first time

The appliance must be correctly installed and connected before the first use. Please see the "Installation instructions."

This washing machine has undergone thorough testing in the factory, there may be some residual water in the drum from this process.

Running a spin cycle before the first use is, for safety reasons, not possible. To activate the spin cycle a wash program must be run **without laundry or detergent**.

■ Turn the washer on with the ① button.

The Welcome screen shows when the machine is turned on for the first time: *Miele Professional Willkommen*

Once the first program is completed, the welcome screen will not show again.

The menu for selecting your desired language will then appear.

■ Use the **–** and **+** buttons to select the desired language, confirm with **OK**.

Reminder to remove the shipping struts

The shipping struts must be removed before using the appliance for the first time to avoid damage. See the "Installation instructions".

■ Confirm that the shipping struts have been removed by pressing OK.

The menu to set the time of day will then appear.

Setting the time of day

12:00

Set the time of day

■ Set the hours with the **–** and **+** buttons and confirm with **OK**.

■ Repeat to set the minutes and confirm.

■ The display shows the main menu.

First wash

The washer is now ready for the first use.

A program must be run **without laundry or detergent** to flush out any residual water from the factory testing process, as well as to activate the spin cycle.

■ Turn the program selector to "Cleaning cloths 140°F".

■ Open the water supply.

■ Press the "Start" button.

Once the program ends the washer can be used for laundry.

1. Sort the laundry

⚠ Foreign objects (e.g. nails, coins, paper clips) can damage clothes as well as the machine.

⚠ Do not use chemical solvents in the machine.

Preparing mops, cloths etc.

■ Shake mops, cloths and pads well to remove coarse soiling before placing them in the drum.

Sorting laundry

■ Empty all pockets.

■ Tough stains (blood, egg, coffee, tea etc.) or badly soiled areas (collars and cuffs) should be pre-treated with a stain remover or a paste made of powder detergent and warm water. Dab stains with a damp light colored cloth. Do not rub.

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

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. Always wash whites and colors separately.

Do **not** machine wash items if it is not recommended on the fabric care label.

Use

2. Loading the washer

■ Press the ① button to turn on the washer.

■ Open the drum door by pressing the "Door" button.

■ Load mops, cloths and pads loosely into the drum.

For best results, wash mixed loads of small and large items. This will improve washing effectiveness and help distribute the load evenly.
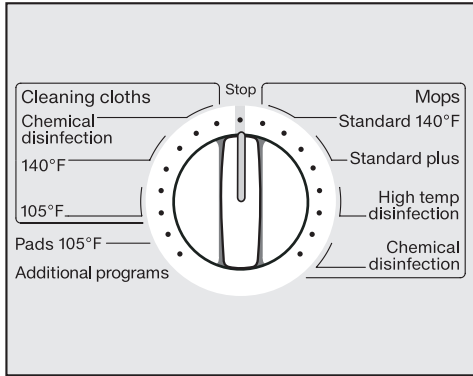
Note: Overloading the washer will affect wash results and cause wrinkling.
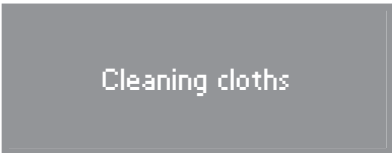
■ Close the drum door.
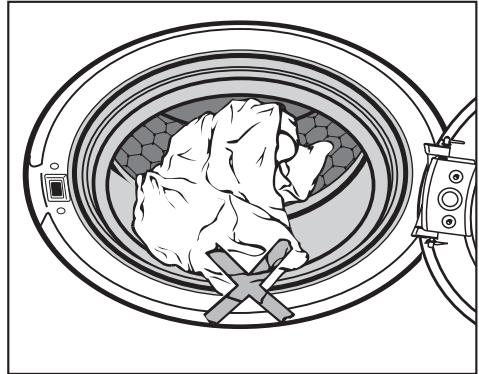
To prevent damage to the door seal and clothing, make sure that there is nothing caught between the drum door and the seal.

3. Select a program

■ Select the desired program with the program selector.
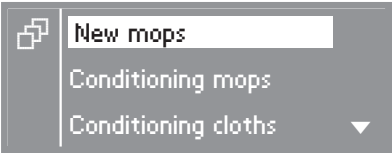
The display shows the selected wash program.

The display switches to the program selection.

■ To change the spin speed use the – or + button. Confirm with **OK**.

When selecting "Additional programs" the display shows the list.

■ Select the desired program with the – and + buttons. Confirm with **OK**.

The display switches to the program selection.

■ To change the selected spin speed use the – or + button and confirm with **OK**. In some programs the temperature can also be changed using – or +.

Additional pre-wash

■ For heavily soiled laundry select "Additional pre-wash". If an additional function cannot be selected, it is not available for the chosen program.

Delay Start

■ Select a delayed start time if desired (see "Delay Start").

4. Adding detergent

Use detergent according to the level of soiling and the water hardness.

Too little detergent may cause:

– ineffective cleaning of laundry; fabrics may become gray and stiff over time.

– grease deposits on the laundry.

– hard water deposits on the heating elements.

Too much detergent may cause:

– over-sudsing causing minimal drum movement; poor cleaning, rinse and spin results.

– a higher environmental burden.

For additional information regarding detergents and dosage see "Detergent".
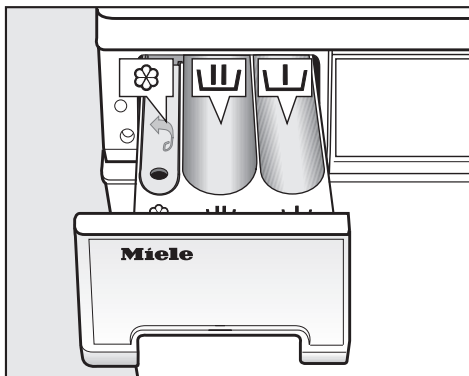
■ Pull out the detergent dispenser drawer and add detergent.

⎁ = Detergent for pre-wash ($^{1}/_{4}$ of the total recommended amount of detergent)

⎃ = Detergent for the main wash

❀ = Fabric softener or liquid starch

■ Close the detergent dispenser drawer.

With disinfection programs, the drawer ❀ is not activated. Do not put anything in it.

The washer can be connected to an external dispensing system to dispense liquid detergent and additives (see "Detergent - External Dispensing").

5. Starting a program

"Start" flashes when a program can be started.

■ Press the "Start" button.

The "Start" indicator lights up.

The display shows the likely program duration unless Delay Start was selected. It will count down in minutes. In the first 10 minutes the washer calculates the water absorbency of the laundry. The overall program time may be shortened or lengthened.

Additionally, the program sequence is displayed. The washer shows the current program cycle.

6. Removing the laundry

The drum will continue moving up to 30 minutes after the end of the program in order to ensure even wetness of the laundry and to avoid wrinkling (anti-crease). You can open the washer at any time.

The washer turns off automatically 15 minutes after the end of the anti-crease cycle. Press the ① button to turn the washer on again.

■ Open the drum door using the *Door* button.

■ Remove the laundry.

Check the drum for any missed pieces of laundry. Items inadvertently left in the washer may be damaged (e.g. shrink or discolor) during the wash cycle.
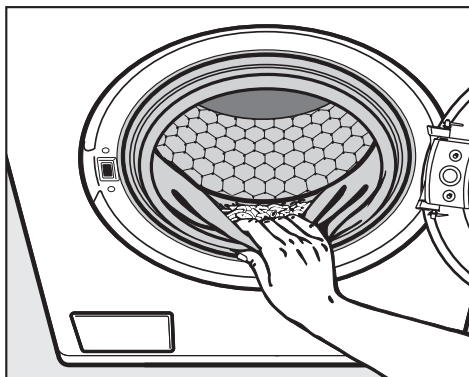
■ Check the seal around the drum door for foreign objects.

■ Turn the program selector to *Finish*.

■ Close the drum door. If it is left open, objects may accidentally enter the drum. They could be included in the next wash cycle and damage the laundry.

■ Turn off the washer using the ① button.

Selecting a spin speed

Maximum final spinning speed

Program	rpm
Standard 140°F	1400
Standard plus	1400
High temp. disinfection	1400
Chemical disinfection	1400
Conditioning cloths Hygiene	1400
Conditioning cloths 140°F/105°F	1400
Pads 105°C	1400
New mops	1400
Conditioning mops	no display
Conditioning cloths	no display
Curtains	600
Cottons universal	1400
Cottons hygiene	1400
Intensive	1400
Intensive +	1400
Minimum iron	1000
Quick wash	1400
Separate rinse	1400
Drain/Spin	1400

*The rpm depends on the settings *Spin-treat, standard, disinfection* and *Spin-treat cleaning cloths*.

The final spin speed can be reduced. You cannot select a higher final spin speed than that specified above.

Rinse spin

The laundry is spun after the main wash and between the rinse cycles.
Reducing the final spin speed will also reduce the rinse spin speed.

Omitting the final spin (Rinse hold)

■ Select *Rinse hold*. The laundry is not spun after the last rinse cycle and remains soaking in water.

– Starting a final spin:

The washer automatically selects the highest allowable spin speed. However, you can select a lower speed. Press *Start* to start the final spin.

– Finishing the program:

Press the *Door* button. The water drains. Press the *Door* button again to open the door.

Omitting rinse spin and final spin

■ Select *Without spin*. The water drains after the final rinse. The drum will continue moving up to 30 minutes after the end of the program in order to ensure even wetness of the laundry and to avoid wrinkling (not with the programs *Pads* and *New mops*).

With the programs *High temp. disinfection* and *Chemical disinfection* the settings *Rinse hold* and *Without spin* are not possible.

The delay start feature allows you to select the time you want the program to end. Program start can be delayed by 30 minutes up to a maximum of 24 hours. This enables you, for instance, to take advantage of night electricity rates.

The time of day must be correctly set to allow the delay start feature to function properly.
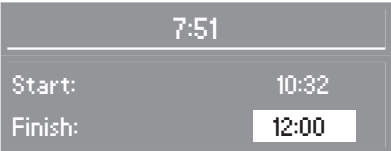
To delay the program start by up to 96 hours you can select the option *Time not displayed* in the setting *Time of day* in the menu *Settings/ Supervisor level*.

Setting delay start

■ After selecting a program, press the ⏱ button.

	7:51
Start:	7:51
Finish:	9:19
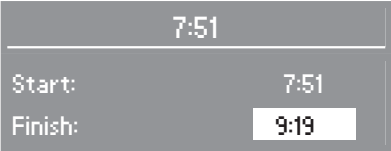
The display shows the current time of day and the resulting program end time.

	7:51
Start:	10:32
Finish:	12:00

■ Select the desired program end time with **+**.

Pressing the button once delays the program end to the next full or half hour. Each subsequent touch delays the program end time by 30 minutes.
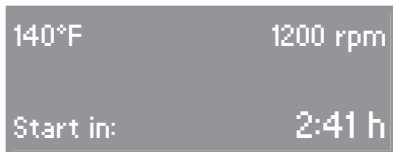
The **–** button decreases the time.

■ Confirm the end time setting with **OK**.

Delay Start

Starting delay start

■ Press the *Start* button.

```
140°F              1200 rpm


Start in:           2:41 h
```

The display shows in how many hours and/or minutes the wash program will start.

Changing delay start

■ Press the ⏱ button.

■ Correct the program end time with the **–** and **+** buttons.

■ Confirm with **OK**.

Canceling delay start

■ Press the ⏱ button.

■ Change the program end time with the **–** button until the program start time matches the current time of day.

■ Confirm with **OK**.

The program starts immediately.

> The actual load size cannot be measured until the program has started. This may result in an earlier program end time.

Mops	
Standard 140°F	**max. 14.3 lbs**
Items	Mops made of cotton, mixed fibers or micro fibers
Tips	– A finishing agent can be applied.*
Additional options	second pre-rinse
Detergent	suitable special detergents
Standard plus 140°F	**max. 14.3 lbs**
Items	Mops made of cotton, mixed fibers or micro fibers
Tips	– A finishing agent can be applied.* – The temperature can be changed.*
Additional options	second pre-rinse
Detergent	suitable special detergents
High temp. disinfection 185°F / 15 min	**max. 14.3 lbs**
Items	Mops made of cotton, mixed fibers or micro fibers
Tips	– Further disinfection methods can be selected.* – A finishing agent can be applied.*
Additional options	second pre-rinse
Detergent	suitable special detergents
Chemical disinfection 160°F / 25 min	**max. 14.3 lbs**
Items	Mops made of cotton, mixed fibers or micro fibers
Tips	– Further disinfection methods can be selected.* – A finishing agent can be applied.*
Additional options	second pre-rinse
Detergent	suitable special detergents (please observe the pertinent provincial specifications for disinfection).

* These settings can be selected in the "Settings - Supervisor level" menu.

Program guide

Conditioning cloths	
Chemical disinfection 160°F / 10 min	**max. 7.7 lbs**
Items	Cleaning cloths made of cotton, mixed fibers or micro fibers
Tips	– A finishing agent can be applied.* – Further disinfection methods can be selected.*
Additional options	Pre-wash
Detergent	suitable special detergents (please observe the pertinent provincial specifications for disinfection).
140°F	**max. 7.7 lbs**
Items	Cleaning cloths made of cotton, mixed fibers or micro fibers
Tips	– A finishing agent can be applied.*
Additional options	Pre-wash
Detergent	suitable special detergents
105°F	**max. 7.7 lbs**
Items	Cleaning cloths made of cotton, mixed fibers or micro fibers
Tips	– A finishing agent can be applied.*
Additional options	Pre-wash
Detergent	suitable special detergents

Pads	
Pads 105°F	**max. 2 lbs**
Items	Waxing or polishing pads made of micro fibers
Additional options	second pre-rinse
Detergent	suitable special detergents

* These settings can be selected in the "Settings - Supervisor level" menu.

Additional programs	
New mops 140°F, 170°F, 185°F	**max. 14.3 lbs**
Items	Mops made of cotton or mixed fibers
Tips	– For breaking-in new cleaning mops. Production residues are washed out of the fiber; this increases the absorbency of the fiber when cleaning.
Detergent	Universal or detergents for colored fabrics
Conditioning mops	**max. 14.3 lbs**
Items	Mops made of cotton, mixed fibers or micro fibers
Tips	– For later application of a finishing agent to mops that are clean. – The finishing agent can be added through the fabric softener drawer or externally.
Conditioning cloths	**max. 7.7 lbs**
Items	Cleaning cloths made of cotton, mixed fibers or micro fibers
Tips	– For later application of a finishing agent to clean cloths. – The finishing agent can be added through the fabric softener drawer or externally.
Self cleaning	**no load**
	For cleaning the tub and the draining system. – Run the program with no load. – Detergent must be added. – If you use disinfection programs frequently you should run the Self Cleaning program regularly.
Detergent	Universal detergent

Program guide

Curtains 86°F	max. 7 lbs
Items	Curtains which according to the manufacturer are machine washable.
Tips	– For curtains that wrinkle easily, reduce the spin speed or cancel the spin.
Additional options	Pre-wash
Detergent	Curtains, universal and color detergents in powder form.
Separate rinse	**max. 14.3 lbs**
Items	Fabrics that you only want to rinse and spin
Drain/Spin	**max. 14.3 lbs**
Tips	– Drain only: Select *Without spin*. – For spinning fabrics. Be sure to select an appropriate speed for the fabric type.

> Select "Additional programs" to view and select additional programs. These programs must be activated via "Settings - Supervisor level".

Cottons universal 60°C	max. 14.3 lbs
Fabrics	Cottons, linens or mixed fabrics
Tips	– Wash dark colored fabrics with detergent for colors or a liquid detergent.
Additional options	Pre-wash
Detergent	Universal or detergents for colored fabrics

Cottons hygiene 190°F	max. 14.3 lbs
Fabrics	Cottons, linens or mixed fabrics
Additional options	Pre-wash
Detergent	Universal detergent

Intensive 105°F, 140°F, 160°F	max. 14.3 lbs
Fabrics	Heavily soiled cottons, linen or mixed fabrics
Additional options	Pre-wash
Detergent	Universal or detergents for colored fabrics

Intensive + 140°F, 170°F, 185°F	max. 14.3 lbs
Fabrics	Very heavily soiled cottons, linen or mixed fabrics
Additional options	Pre-wash
Detergent	Universal or detergents for colored fabrics

Minimum iron 105°F	max. 7.7 lbs
Fabrics	Fabrics made of synthetic fibers, mixed fibers or wrinkle-free cottons
Additional options	Pre-wash
Detergent	Universal or detergents for colored fabrics

Quick wash 105°F	max. 7.7 lbs
Fabrics	Small load of lightly soiled items which can be washed with the program *Cottons universal*
Detergent	Universal or detergents for colored fabrics

Program sequence

	Pre-spin	Pre-rinse	Main wash Water level	Rinses Water level	Rinses	Spinning Ⓐ	Spinning Ⓑ
Mops							
Standard 140°F	✓	✓	medium	medium	2	✓	✓
Standard plus	✓	✓	medium	medium	2	✓	✓
High temp. disinfection	✓	✓	medium	medium	3	✓	✓
Chemical Disinfection	✓	✓	high	medium	3	✓	✓
Cleaning cloths							
Chemical Disinfection	-	✓	medium	medium	3	✓	✓
140°F, 105°F	-	✓	medium	medium	2	✓	✓
Pads							
Pads 105°F	-	✓	medium	medium	3	✓	✓
Additional programs							
New mops	-	-	low	medium	2	✓	✓
Conditioning mops	-	-	-	medium	2	✓	✓
Conditioning cloths	-	-	-	medium	2	✓	✓
Curtains	-	✓	medium	medium	3	-	✓
Cottons universal	-	-	low	medium	2	✓	✓
Cottons hygiene	-	-	low	medium	2	✓	✓
Intensive	-	✓	medium	medium	2	✓	✓
Intensive +	-	✓	medium	medium	3	✓	✓
Minimum iron	-	-	medium	high	2	✓	✓
Quick wash	-	-	low	low	2	✓	✓
Separate rinse	-	-	-	high	2	-	✓
Drain/Spin	-	-	-	-	-	-	✓

⊔ = low water level
⊔ = medium water level
⊔ = high water level

Ⓐ = rinse and interim spin
Ⓑ = final spin

The washer is equipped with an electronic control which determines the load size automatically. The washer determines the required water consumption depending on the load size and water absorbency of the laundry. This will result in different program sequences and wash times.

The program sequences shown in the chart represent the factory-programmed basic program with maximum load. Possible options are not taken into account.

The washer's program sequence display indicates the current step of the selected wash program.

Draining

In the programs *Standard*, *Standard plus*, *High temp. disinfection* and *Chemical disinfection* the mops are drained by a brief spin after the program starts.

Additional pre-wash

Some programs include a pre-rinse to remove coarse dirt and cleaning agent residues. Depending on the program, a second pre-rinse or pre-wash can be selected if the laundry is very dirty.

Anti-crease

The drum will continue moving up to 30 minutes after the end of the program in order to ensure even wetness of the laundry and to avoid wrinkling (not with the programs *Pads* and *New mops*). You can open the washer at any time.

Changing the program sequence

Canceling a program

A wash program can be canceled any time after a program has started.

■ Turn the program selector to *Stop*.

The washer drains and the program is canceled.

■ Press the *Door* button.

■ Remove the laundry

  or

■ close the door and start a new program.

The washer locks immediately after starting a mop or cloth disinfection program. It is no longer possible to cancel or change the program or to open the door.

Interrupting a program

■ Turn off the washer with the ① button.

To continue:

■ Turn the washer on again with the ① button.

■ Confirm the displayed message and press the *Start* button.

Changing a program

To change a wash program

The program cannot be changed after a program has started.

To select a different program, the program that has started must be canceled.

To change the temperature

Some programs allow you to change the temperature up to 5 minutes after a program has started.

■ Press **OK**, the temperature is highlighted. To change the temperature press **–** or **+**. Confirm with **OK**.

To change the spin speed:

■ Press **OK** until the spin speed is highlighted. Adjust the spin speed with the **–** and **+** buttons. The spin speed can be changed right up to the start of the final spin.

Additional Pre-wash

Selection or de-selection of an *Additional Pre-wash* is not possible after the program has started.

Adding/removing laundry

You can interrupt some programs to add or remove items or laundry.

■ Open the drum door using the *Door* button.

■ Add or remove the items of laundry.

■ Close the drum door.

The program continues automatically.

Note:

Once a program has started, the washer cannot detect changes to the size of the load.

Therefore, if laundry is added or removed the washer program will proceed based on the maximum load.

The indicated program running time may be extended.

The drum door cannot be opened if:

– the water temperature is over **120°F**.

– the water level exceeds a certain limit.

– The program step *Spin* has been reached.

– a disinfection program was started.

Detergent

Determining the amount of detergent

> Follow the instructions of the detergent manufacturer.

For instructions on the use and amount of detergent for a full load see the detergent packaging.

The amount of detergent used depends on:

– the size of the load

– the level of soiling

– the water hardness
  If you do not know the water hardness level in your area, contact your local water utility company.

Water hardness

Hardness level	Water quality	Water hardness in gpg (also German hardness in °d)	Water hardness in mmol/l
I	soft	0 - 8.4	0 - 1.5
II	moderate	8.4 - 14	1.5 - 2.5
III	hard to very hard	over 14	over 2.5

Water softener

If the water hardness level is II or III, you can add a water softener to reduce the amount of detergent required. First add the detergent, then add the water softener.

You can then use the recommended amount of detergent for water hardness level I.

Fabric softener, fabric conditioner, or liquid starch

■ Use the amount recommended by the manufacturer.
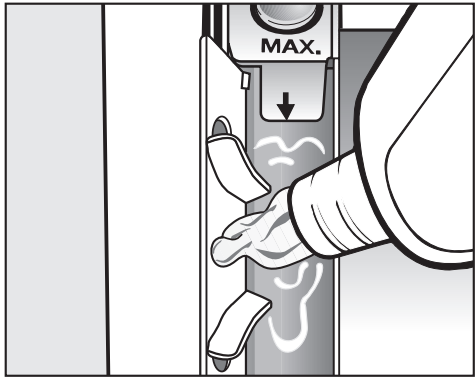
■ Add the fabric softener, fabric conditioner or liquid starch to the drawer ⌘. **Do not exceed the Max. level mark.**

The fabric softener, conditioner or liquid starch is automatically dispensed in the final rinse.

> After several automatic starches, clean the dispenser drawer and especially the siphon.

Dye removers / Fabric dyes

■ **Do not** use dye removers in this washer.

■ When dying fabrics in the washer, follow the dye manufacturer's instructions closely.

External dispensing

The washer is equipped with an adapter for external detergent dispensing systems. Up to six dispensing hoses can be connected. The external dispensing pumps are controlled by relays in the washer. The respective relays are turned on for 2 minutes.

> A separate conversion kit is necessary to control the dispensing pumps and must be installed by a Miele technicians.

	Relay 1	Relay 2	Relay 3	Relay 4	Relay 5	Relay 6
Standard 140°F	-	MW	MW	-	-	FA
Standard plus	-	MW	MW	-	FA	-
High temp. disinfection	-	MW	MW	-	-	FA
Chemical disinfection	-	MW	MW*	-	-	FA
Conditioning cloths Hygiene	PW	MW	MW*	FA	-	-
Conditioning cloths 140°F	PW	MW	MW	FA	-	-
Conditioning cloths 105°F	PW	MW	MW	FA	-	-
Pads 105°F	-	MW	-	-	-	-
New mops	-	MW	-	-	-	-
Treat mops	-	-	-	-	-	FA
Conditioning cloths	-	-	-	-	-	FA
Intensive	PW	MW	MW	-	-	-
Intensive +	PW	MW	MW	-	-	-
Self Cleaning	-	MW	MW	-	-	-

Relay 1 = special agents
Relay 2 = detergent
Relay 3 = bleaching/disinfection agents
Relay 4 = surface disinfection agents
Relay 5 = floor care products
Relay 6 = surface disinfection agents

PW = Pre-wash
MW = Main wash
FA = Finishing agent

* Agent is dispensed once the correct temperature has been reached.

Detergent

The relays are turned as shown in the overview. The containers must be filled with the respective detergent and additional agents in the specified sequence.

Do not use any detergents and additional agents that contain chlorine or acid.

The dispensing pumps are not turned on in the programs *Cottons universal*, *Cottons hygiene*, *Minimum iron*, *Curtains*, *Quick wash* and *Separate rinse*.

Empty sensor

When the external liquid detergent containers are empty, the washer displays a message when the Empty sensor *is activated (see menu* Settings/Supervisor level*).*
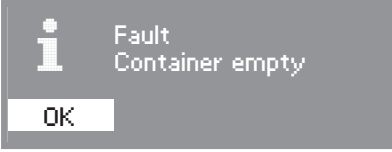
When a container is empty, the following appears prior to program start or while the program is running:

> **i** Fill the dispensing container
>
> OK
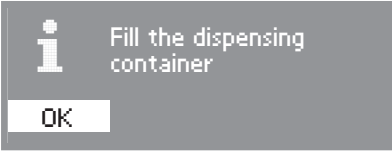
If a program has started it will continue until completed.

■ Press the **OK** button to delete the displayed message, and refill the containers.

With **Disinfection programs**, the following appears:

> **i** Fault Container empty
>
> OK

The program is interrupted.

■ Press the **OK** button to delete the displayed message, and refill the containers.

■ Then re-start the program.

⚠ When the dispensing container is empty during disinfection programs you can presume that **no** disinfection has taken place. Re-start the program.

⚠ Disconnect the appliance from the electric power supply.

Cleaning the washer

⚠ Do not use solvents, abrasive cleaners, glass or all purpose cleaners!
They can damage plastic surfaces and other parts.

Housing and control panel

■ Clean the housing and the control panel with a moist cloth and mild detergent or soap and water.

■ Clean all stainless steel parts with a suitable stainless steel cleaner.

⚠ Never spray the washer with a hose.

Cleaning the drum, tub, and drain system

The drum, the tub and the drain system can be cleaned if necessary.

■ Start the *Self Cleaning.* program.

■ When the program has ended, check the interior of the drum and remove any remaining dirt.

If you use the disinfection programs often, the *Self Cleaning.* program regularly.

Cleaning the detergent drawer

Regularly remove any detergent residue.
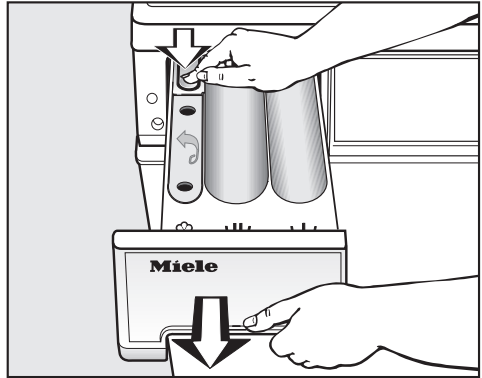
■ Pull out the detergent drawer as far as it will go. Press the release lever and pull the drawer out of the machine.

■ Clean the detergent drawer with warm water.

Cleaning and Care
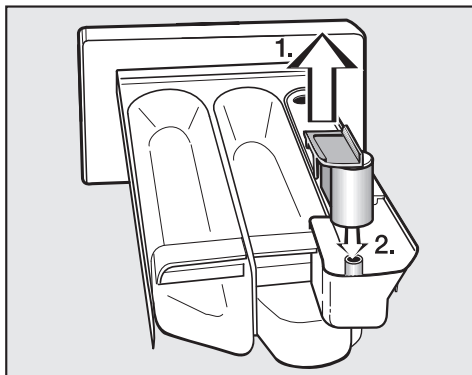
■ Clean the siphon.

1. Remove the siphon from the drawer
❁ and rinse with warm water. Clean
the pipe onto which the siphon is
attached.

2. Replace the siphon.

Cleaning the detergent drawer holder

■ Use a bottle brush to remove any
detergent residue and lime deposits
from the feed nozzles in the
detergent drawer.

Cleaning the inlet hose filter

The washer has two water inlet filters to protect each inlet valve. Check and clean these filters every 6 months. This may have to be done more frequently with some water supplies.

Cleaning the inlet hose filters

■ Turn off the water supply.

■ Unscrew the inlet hose from the valve by turning the connector counterclockwise, use a wrench if necessary.
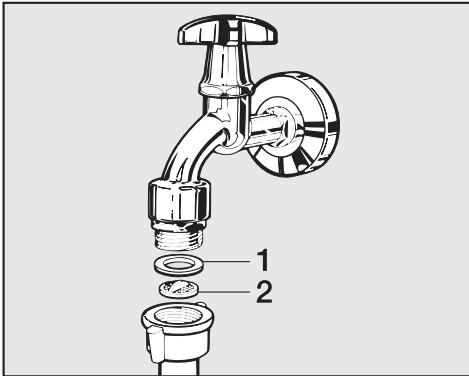
■ Remove the rubber seal, **1**, from the connector.

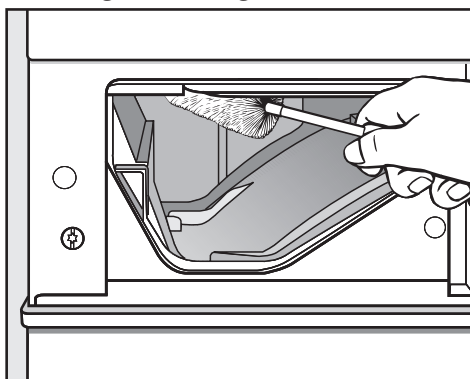■ Using needle nose pliers, grasp the plastic filter, **2**, and pull it out of the hose connector.

■ Clean the filter under running water and carefully remove any large particles.

■ Replace the filter and seal and reconnect the hose.

■ Slowly turn on the water supply and check for leaks. If water leaks, tighten the hose connection.

Cleaning the filter in the inlet valve

■ Using pliers carefully loosen and remove the plastic hose connector from the inlet valve.

Using needle nose pliers, remove the plastic filter by pulling on the bar (see illustration). Rinse under running water and return. Replace the filter and seal, then reconnect the hose.
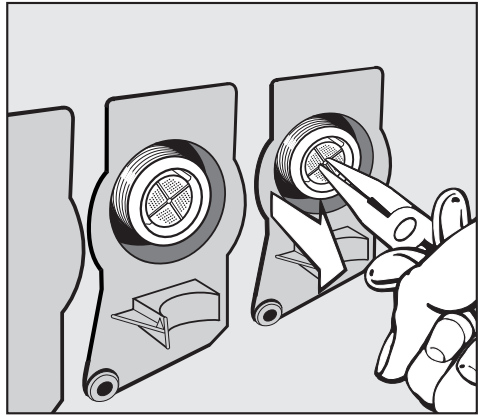
Both filters **must** be put back in place after cleaning.

Frequently asked questions

⚠ Repairs to electrical appliances must only be carried out by a qualified and trained person in accordance with local and national safety regulations.
Repairs and other work by unqualified persons could be dangerous.

A wash program cannot be started

Issue	Possible cause	Solution
The display and the program selector remain dark.	The washer has no power.	Possible fault: – the washer is not connected to the electrical supply, – the circuit breaker has tripped.
When selecting the program "Drain/ Spin" the program does not start.	Follow the instructions as described in the "Before using for the first time" chapter.	
The display remains off.	The machine has gone into "Standby" mode. The display shuts off to save energy.	Press any button. The Standby function will end.

The display shows a fault message

Display message	Possible cause	Solution ❶
🚰 Water intake fault	The water intake/inlet is blocked.	Check whether – the water valve is open far enough. – the inlet hose is kinked.
	The water pressure is too low.	– Turn on the setting *Low water pressure* (menu *Settings/Supervisor level*).
⚠ Technical fault. Contact Technical Service.	There is a defect.	Start the program again. If the fault message appears again, call Customer Service.
⚠ Fault Temperature. not reached	The required temperature was not reached during the disinfection program.	The washer did **not** disinfect properly. Start the program again.
🧺 Waterproof system activated	The waterproof system was triggered.	– Close the water valve. – Contact Technical Service.
🧺 Drainage fault	The drain is blocked.	Contact Technical Service.
ℹ Fill the dispensing container or Fault Container empty	One of the detergent containers for external dispensing is empty.	See "Detergent - Empty sensor".

❶ To cancel a fault message, press **OK** to confirm.

Frequently asked questions

General problems with the washer

Problem	Possible cause	Solution
The washer shakes during spinning.	The washer feet are not resting evenly on the floor and are not locked.	Even out the feet so the washer is stable and lock the washer feet.
Large amounts of detergent residue are left in the dispenser drawer.	The water pressure is too low.	Clean the water inlet screens.
	Powder detergents used with water softeners tend to clump.	Clean the dispenser drawer. Put the detergent into the drawer first, and then the water softener.
The fabric softener is not completely dispensed or too much water remains in the �֍ drawer.	The siphon is either incorrectly positioned or clogged.	Clean the siphon, see "Cleaning and Care - Cleaning the detergent drawer".
The display shows a foreign language.	A different language was selected under "Settings menu ⚐ - Language ⚐".	Select the desired language. Use the flag symbol as a guide.

Poor wash results

Problem	Possible cause	Solution
The laundry does not get clean with liquid detergent.	Liquid detergents do not contain bleaching agents. Fruit, coffee and tea stains may not be removed.	– Use powder detergent containing bleach. (Be sure this is suitable according the fabric care labels of the laundry.) – Fill powder bleach in compartment ⊔ and use a dispenser ball for the liquid detergent. – **Never** put liquid detergent and bleach together in the same wash compartment.
Laundry has a gray sticky residue.	– Not enough detergent was used to dissolve greasy deposits in heavily soiled laundry. – The laundry was soiled with grease (oils, lotions).	– Add more detergent to laundry with grease stains or use a liquid detergent. – Run a 140°F (60°C) program with liquid detergent to clean the washer before using it for laundry again.
There is white detergent residue on dark laundry.	The powder detergent was not completely dissolved because of hard water. These residues are difficult to remove.	– After drying, remove white residues with a clothes brush. – In the future, use liquid detergent.
Items with greasy soiling are not clean after a wash program.	– Add a Pre-wash to the program. Use liquid detergent for the pre-wash. – Use a powder detergent for the main wash. Use detergent which is specially formulated for heavily soiled work clothes. Contact the detergent manufacturer for more information.	

Frequently asked questions

The door will not open when the *Door* button is pressed

Possible cause	Solution
The washer has no power.	Check whether: – the washer is turned on. – the washer is connected to the electric power supply. – the circuit breaker has tripped.
Power failure	Open the drum door as described in the following section.
The door was not properly closed.	Push firmly against the lock side of the drum door, then press the *Door* button.
As a safeguard against scalding, the drum door cannot be opened if the temperature of the wash water is over 50°C.	

Continuing the program after a power failure

Possible cause	Solution
Power failure	Confirm the displayed message and press the *Start* button. The program will continue from the saved status.
The washer was turned off and then on again with the ① button.	

Opening the door during a power failure or when the drain is blocked

⚠ Disconnect the appliance from the power supply.

On the inside of the detergent drawer panel is an opener for the door to the drain system.
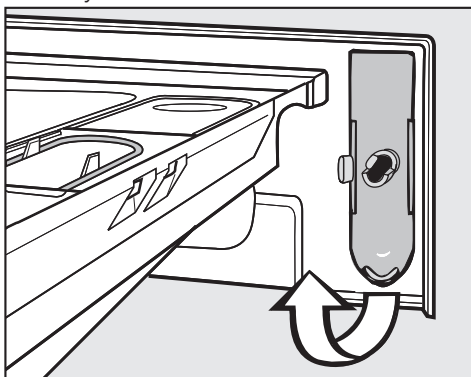
■ Remove the opener.
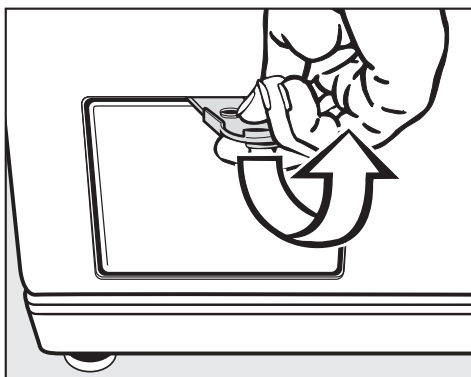
■ Open the door to the drain system.
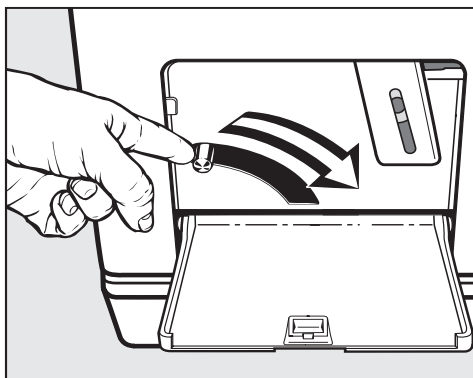
■ Press and hold down the lever for emergency draining until all the water has drained.

Open the drum door

⚠ Always make sure the drum is stationary before reaching in to remove laundry. A moving drum is extremely dangerous.
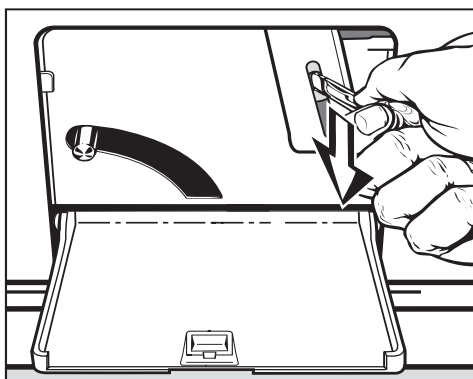
■ Pull the emergency release downwards, for instance with a spoon handle. The drum door will open.

After sales service

Repairs

In the event of a fault which you cannot easily fix yourself, please contact technical service using the information on the back of this manual.

■ Please quote the model and serial number of your appliance when contacting the Technical Service Department.

Both can be found on the data plate visible above the front glass on the inside of the door.

PC Update

The indicator marked PC allows a technician to make use of new technology. When, for example, new programs are developed or new fabrics are introduced, a service technician will be able to modify existing program cycles accordingly.

Miele will provide information when such possibilities become available.

Optional accessories

Optional accessories are available through your Miele dealer or Miele.

Miele

Installation Instructions

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

Installation

Front view
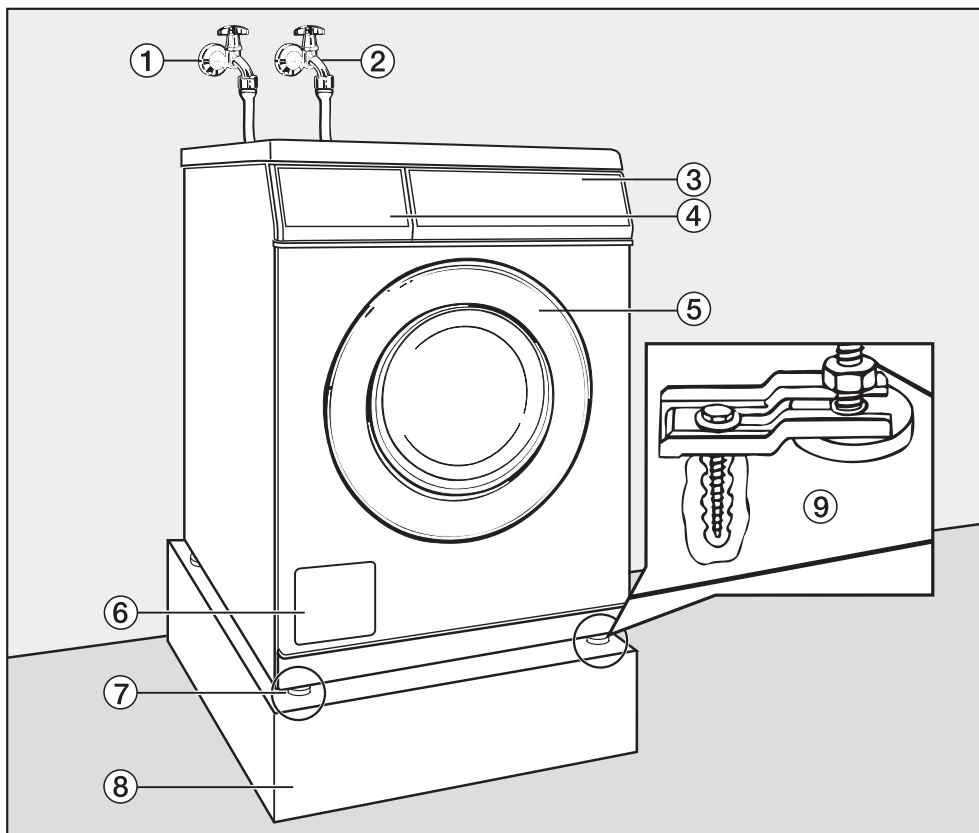
ⓐ Water intake hose cold

ⓑ Water intake hose hot

ⓒ Control panel

ⓓ Detergent dispenser drawer

ⓔ Drum door

ⓕ Access panel to drain pump and emergency door release

ⓖ Height adjustable feet

ⓗ Stand

ⓘ Retaining clips (for concrete stand)

Rear view
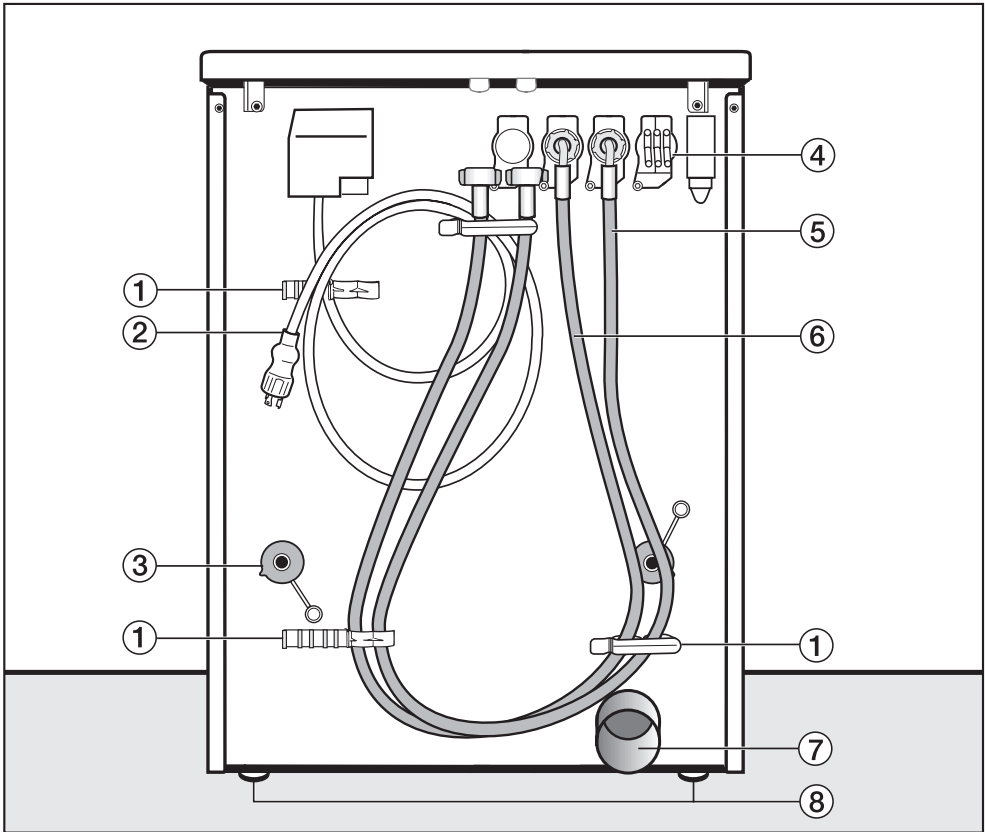
① Mounting for:

– Water intake hose

– Shipping struts (when removed)

② Power cord

③ Shipping struts with rotary protectors

④ Adapter for external dispensing system

⑤ Water intake hose (cold)

⑥ Water intake hose (hot)

⑦ Drain pipe

⑧ Height adjustable feet

Installation

Installing the washer
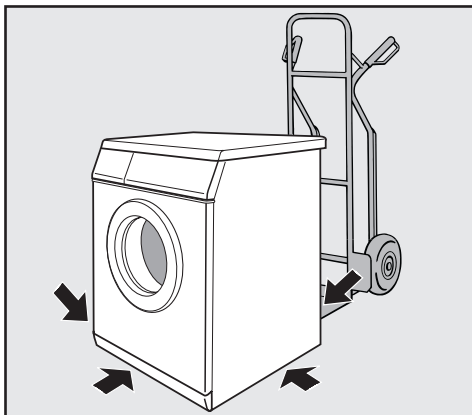
■ Move the washer to the installation location.

⚠ Ensure that the washer cannot tip while moving it.

This washer cannot be built-in.

Do not install any devices that automatically turn off the washer (e.g. timers), as the washer must be connected to the electric power supply in order that the door can be opened.

Put the enclosed sticker with the following text somewhere close to the washer: "In order for the door to open, this machine must be connected to the power supply. Do not force open."

⚠ Do not install the machine directly next to or over an open floor drain or drain channel. Moisture could penetrate the machine and damage electrical parts.

Installation site

⚠ To prevent slipping during spinning, make sure the washer's feet and the installation surface are dry.

The best installation surface is a concrete slab. In contrast to a wooden joist floor or another type of "soft" flooring, a concrete slab will rarely vibrate during spinning.

■ The washer must be level and stable.

■ To avoid vibration while spinning, the machine should not be installed on soft floor coverings.

If installing the washer on a wooden joist floor:

■ Install the unit on a 27 $^9/_{16}$" x 23 $^5/_8$" x 1 $^3/_{16}$" (70 x 60 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.

It is best to install the washer in the corner of a room, where the stability of the floor is at its greatest.

Removing the shipping struts

■ Remove the shipping struts before operating the washer.
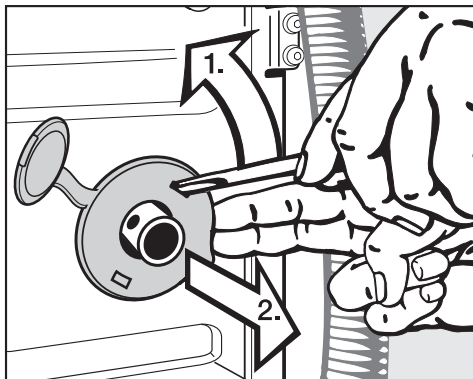
■ Remove the left and right rotary protectors.

1. Unhook the rotary protector with a screw driver.

2. Remove the rotary protectors.
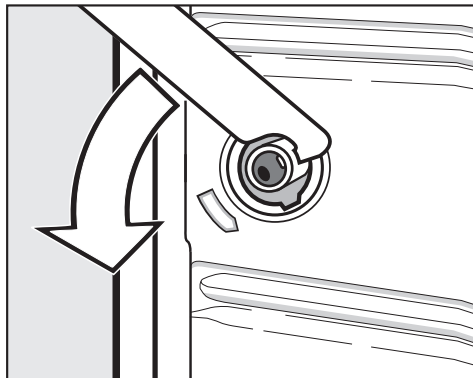
■ Turn the left shipping strut counter clockwise 90° with the enclosed wrench and
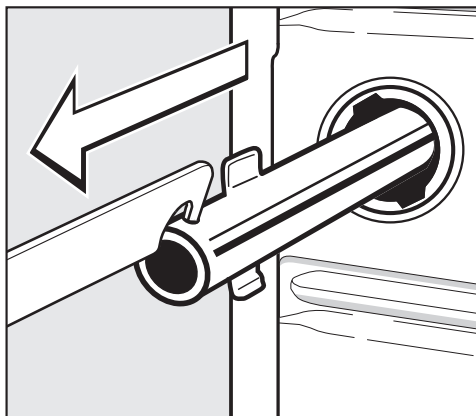
■ Pull the shipping strut out.

■ Pull the shipping strut out.

⚠ Close the holes of the removed shipping struts. There is a risk of injury if the holes are left uncovered.
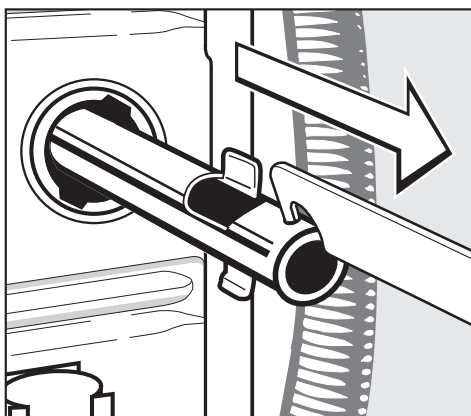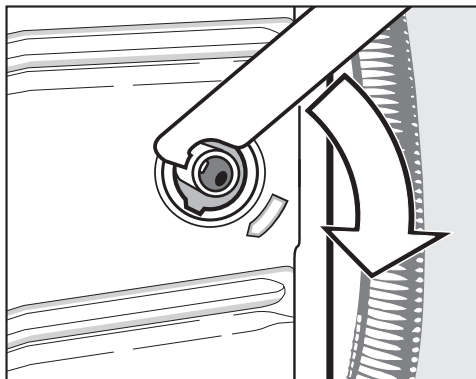
■ Turn the right shipping strut clockwise 90° with the enclosed wrench and
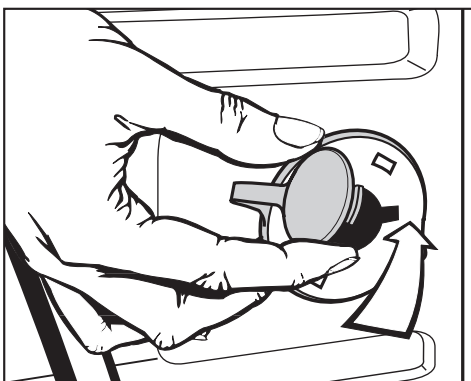
■ Close the holes with the rotary protectors and their caps.
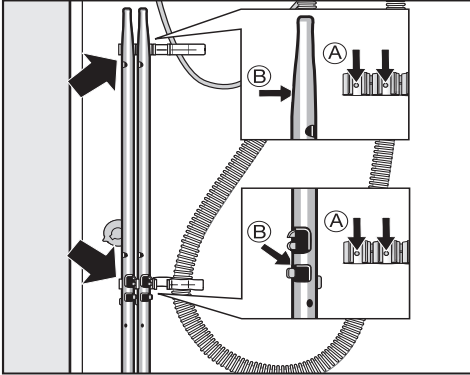
■ Fasten the shipping struts at the rear side of the washer. Take care to insert the holes Ⓑ into the clamps Ⓐ.

⚠ The washer must never be moved without the shipping struts in place.
Store the shipping struts for future use. They must be reinstalled on the washer before moving.

Installing the shipping struts

Reinstall the struts by reversing the removal procedure.

Installation

Leveling the washer

To ensure smooth operation the washer must be level.

Failure to level the machine can result in increased water and energy consumption as well as the washer "banging" during the spin cycle or "walking" across the floor during use.

Adjust and secure the feet

Level the washer by adjusting the four feet. The machine is delivered with the feet completely screwed in.
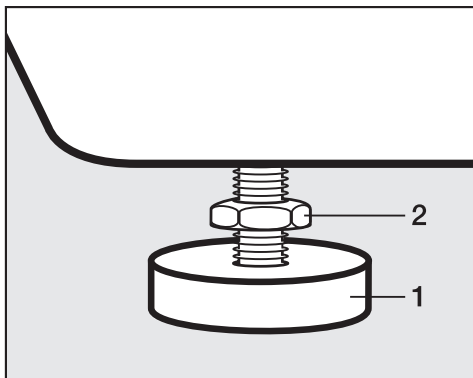
■ Turn the locking nut **2** clockwise with the enclosed wrench. Unscrew each of the four feet as much as necessary by turning both the foot **1** and the locking nut **2**.
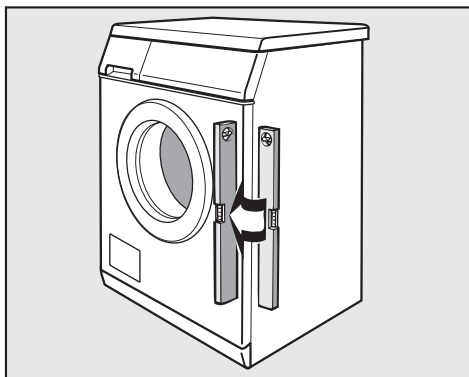
■ Make sure that the machine is level.

■ Once level, use pliers to hold the foot **1** in position. Tighten the locking nut **2** against the machine with the wrench.

⚠ All four locking nuts must be tight against the bottom of the machine. Even if some feet were not screwed out for leveling, they still need to be checked for tightness. Otherwise, the washer may wander.

Preventing the washer from slipping
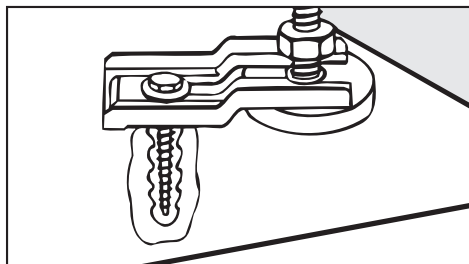
■ Secure the front feet of the washer with the provided retaining clips.

■ Follow the enclosed installation instructions closely.

Washer/Dryer Stack

The Miele washing machine can be installed in combination with a Miele dryer as part of a washer-dryer stack. An appropriate stacking kit is required (optional accessory).
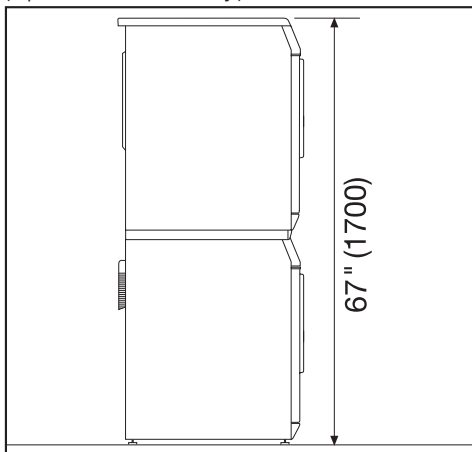
Installation of the stacking kit must be performed by a Miele Service Technician.

Reinstallation of the machine lid

If the washer lid was removed for the washer-dryer stack it must be properly replaced after it is uninstalled from the washer-dryer stack.

Installation on an elevated base

The washer can be installed on an open or closed elevated steel base (optional accessory) or on an elevated concrete base.

⚠ If installing on an elevated base the washer **must** be secured with retaining clips. Otherwise, the washer may fall off the base while spinning.

Installation

Water connection

Cold water connection

A water faucet with $^3/_4$" thread must be provided on-site. If none is available the machine must be connected to a water line by a qualified plumber.

The water pressure must be between 14.5 -145 psi (1 -10 bar). If the water pressure is greater than 145 psi (10 bar), a pressure reducer must be installed. If the water pressure is below 15 psi (1 bar), there will not be enough water available for a complete fill.

> The cold water hose (blue mark) is **not** suitable for a hot water connection.

■ Connect the cold water intake hose (blue mark) to the cold water valve.

■ Turn on the valve(s) and check for leaks.

> The water intake hoses are equipped with screen filters. Do not remove these filters except for cleaning.

Maintenance

Replace the water hoses only with genuine Miele hoses.

Extension hoses

Extension hoses (8' 2" or 13' [2.5 m or 4 m]) may be obtained from Miele.

Hot water connection

Connecting the machine to a hot water supply will lead to low electrical consumption during hot water operation. The hot water temperature at the water supply valve must not exceed 158°F (70°C).
The water in single water lines from the hot water source cools down when not in constant use. In that case, more electricity will be used to heat the wash water.
The same conditions apply for the hot water connection as for the cold water connection.

Connect the hot water inlet hose (red mark) to the water supply.

Connecting the machine to a hot water line only is not possible for functional reasons.

If the washer is not to be installed with a hot water connection, the settings *Main wash Water* , *Pre-wash Water* and *Rinse Water* must be adjusted accordingly. The hot water inlet hose must be removed.

■ In the menu *Settings* / *Supervisor level*, select the option *cold*.

The program times may be extended.

■ Unscrew the hot water inlet hose (red mark).

■ Screw on the supplied stopper.

Water drainage

The machine is drained with a motorized drain valve. A connection can be made to an on-site floor drain (gully with an air gap) on an angle.

Installation

Electrical connection

⚠ Ensure that the connection data on the data plate (fusing, voltage and frequency) match the main electrical supply. If in doubt contact an electrician.

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

⚠ Do not install devices that automatically turn the washer off (e.g. a clock timer), as the appliance must be connected to the power supply network so that the drum door can be opened.

The washer comes with a power cord and NEMA 6-30 plug.

The machine is supplied as standard for connection to a 208/240 V, 60 Hz, 30 A, 2-phase electrical supply.

For extra safety it is advisable to install a residual current device (RCD) with a trip current of 30 mA.

The machine must only be connected to the voltage and frequency shown on the data plate.

Height	33 $^7/_{16}$" (85 cm)
Width	23 $^7/_{16}$" (59.5 cm)
Depth	28 $^9/_{16}$" (72.5 cm)
Depth with door open	44 $^1/_8$" (112 cm)
Weight	236 lbs (107 kg)
Maximum floor load	472 lbs [2100 Newton (214 kg)]
Capacity	14.3 lbs (6.5 kg) dry laundry
Voltage	see data plate
Rated load	see data plate
Fuse rating	see data plate
Noise level during spin	< 70 dB re 20 µPa
Minimum water flow pressure	14.5 psi kPa (1 bar)
Maximum water flow pressure	145 psi (10 bar)
Length of intake hose	5' 1" (1.55 m)
Length of power cord	5' 10 $^7/_8$" (1.80 m)
Test marks	see data plate

Help to protect the environment

Disposal of the packing materials

The cardboard box and packing materials protect the appliance during shipping.

To prevent suffocation of children ensure that any plastic wrapping, bags, etc. are disposed of safely and kept out of the reach of children.

Please recycle.

Disposal of an old appliance

Old appliances may contain materials that can be recycled. Please contact your local recycling authority about the possibility of recycling these materials.

Ensure that the appliance presents no danger to children while being stored for disposal. Before discarding an old appliance, unplug it from the outlet, cut off its power cord and remove any doors to prevent hazards.

Menu Settings ⚑
to adjust standard settings

The washer controls can be adjusted to changing demands through the settings menu.

Settings menu |⁼

Accessing the *Settings* |⁼ menu

■ Turn the program selector to *Stop*. The main menu appears.

```
      15:03
─────────────────
  Select a program
    Settings |⁼ ...
```
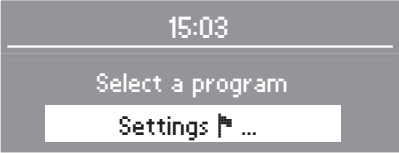
■ Confirm with **OK**.

You are now in the *Settings* menu.

```
⇄ │ Back ←⁾
    Suds cooling
    Contrast              ▼
```

■ Set the desired setting with the **–** and **+** buttons and confirm with **OK**.

Leaving the Settings menu

■ Select *Back* and confirm. The display shows the initial menu.

Suds cooling

> Cold water is added at the end of the main wash to cool the wash water.

Suds cooling is carried out when a wash temperature of 158°F (70°C) or more is selected.

Suds cooling should be activated when the drain hose is hung into a sink, to prevent scalding

Suds cooling is factory set "on".

Contrast

> Ten different contrast levels are available for the display.

It is factory-set to Setting 4.

The contrast changes immediately when a different level is selected.

Brightness

> Ten different brightness levels are available for the display.

It is factory-set to Setting 5.

The brightness changes immediately when a different level is selected.

The *Settings* menu (except *Suds cooling*, *Contrast* and *Brightness*) is locked with a code to prevent unauthorized access.

```
⇄ | Contrast
   | Brightness
   | Supervisor level
```

■ Select *Supervisor level* and confirm.

```
⇄ | Back ↵
   | Access via code...
   | Change code...
```
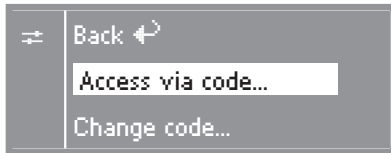
■ Select *Access via code* and confirm.

Enter code

A three digit code must be entered. The code is factory-set to: **0 0 0**.

```
         0    _  _

         Enter code
```

■ Enter the first digit with the **+** button. Confirm the digit with **OK**. Now enter the second digit.

■ Repeat this process until all three digits have been entered.

■ After entering the digits, press **OK** and confirm the code by pressing **OK** again.

You are now in the supervisor level. You can now change the settings on the previous and the following pages.

Change code

You can change the code to prevent unauthorized access to the settings.

```
⇄ | Contrast
   | Brightness
   | Supervisor level
```

■ Select *Supervisor level* and confirm.

```
⇄ | Back ↵
   | Change code...
```
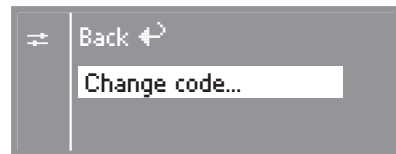
■ Select *Change code* and confirm. Follow the display prompts.

Settings menu - Supervisor level

Time of day

This selection allows you to select a 24 hour or 12 hour clock or no clock at all. The time of day is also set here.

If *Time not displayed* is selected, the delay start can be shown as a 96 hour timer.

Selecting the clock display

■ Select the desired clock display and confirm.

The selected clock display is shown.

Setting the time of day

■ Set the hour with the **–** and **+** buttons and confirm with **OK**. Now set the minutes and confirm. The display changes to the *Settings* menu.

Language

The display contents can be shown in different languages.

■ Select the desired language and confirm.

Standby

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

The display is turned on again by turning the program selector or pressing any button.

Two options are available:

On

The display will go into standby mode:

– if no program is selected after the machine is turned on.

– after a program has started.

– at the end of a program.

Not in current prog. (factory default)

The Standby function will be turned on:

– if no program is selected after the machine is turned on.

Memory

The Memory function remembers the addition of an extra feature to a program or a change in spin speed or temperature the next time that program is selected.

Once the wash program is selected again the washer displays the saved options.

The washer comes factory-set with the memory function turned off.

Auto load control

The washer is equipped with an electronic control which automatically determines the load size. If "Auto load control" is turned off the program will run as for a full load.

The washer comes factory-set with this option turned on.

Pre-wash water

You can select the water type (hot/cold) for the pre-wash. The hot water intake will only be accessible at a wash temperature of more than 86 °F (30°C).

The washer comes factory-set to water type *hot.*

Main wash water

You can select the water type (hot/cold) for the main wash. The hot water intake will only be accessible at a wash temperature of more than 86 °F (30°C).

The washer comes factory-set to water type *hot.*

Rinse water

Certain programs allow you select the water type (hot/cold) for the last rinse cycle. The hot water intake will only be accessible at a wash temperature of more than 122°F (50°C).

The washer comes factory-set to water type *cold.*

Low water pressure

With generally low water pressure (under 100 kPa), *Low water pressure* can be activated to obtain better water intake.

The washer comes factory-set with this option turned off.

Settings menu - Supervisor level

Standard plus temp.

The pre-set temperature can be changed in the *Standard plus* program. There are 4 different temperature to choose from.

40°C
60°C (factory default)
70°C
90°C

Pre-spin mops

In the *Standard*, *Standard plus*, *High temp. disinfection* and *Chemical dis.* programs, wet mops are spun briefly at the start of the program to remove excess water.

The washer comes factory-set with this option turned on.

Chemical disinfection

The pre-set disinfection process can be altered in the *Chemical dis.* program. There is a choice of 4 temperatures with corresponding holding times.

40°C / 20 min
60°C / 20 min
70°C / 10 min
71°C / 25 min (factory default)

Thermal disinfection

The pre-set disinfection process can be altered in the *High temp. disinfection* program. There is a choice of 2 temperatures with corresponding holding times.

75°C / 10 min
85°C / 15 min (factory default)

Hygiene disinfection

The pre-set disinfection process can be altered in the *Cleaning cloths Hygiene* program. There is a choice of 4 temperatures with corresponding holding times.

40°C / 20 min
60°C / 20 min
70°C / 10 min (factory default)
85°C / 15 min

Chemical dis. cloth

When processing micro fiber mops in the *Standard*, *Standard plus* and *Chemical dis.* programs, the suds can be cooled down after the main wash to 45°C by adding cold water (Cool Down).

The machine is delivered with the *No* option activated (no Cool Down).

Conditioning Standard

In the *Standard* and *Standard plus* programs, the chemical finishing process can be activated to take place after the wash cycles (option only available with an external dispensing system).

The washer comes factory-set with the *No* option activated (no chemical finish).

Conditioning Disinfection

In the *High temp. disinfection* and *Chemical dis.* programs, the chemical finishing process can be activated to take place after the wash cycles (option only available with an external dispensing system).

The washer comes factory set with the *No* option activated (no chemical finish).

Conditioning Cleaning cloths

In the *Cleaning cloths Hygiene Dis.*, *Cleaning cloths 60°C* and *Cleaning cloths 40°C p*rograms, the chemical finishing process can be activated to take place after the wash cycles (option only available with an external dispensing system).

The washer comes factory set with the *No* option activated (no chemical finish).

Settings menu - Supervisor level

Spin-conditioning standard disinfection

The setting *Condi. standard, disin.* and *Disinfection* allows you to set the residual moisture level after finishing in the program Mop *Standard*, in the mop disinfection programs and in the program *Conditioning mops*.

Four options are available:

⬤⬤⬤⬤ (high level of residual moisture)

to

⬤ (low level of residual moisture)

Spin-conditioning standard +

The setting *Condition standard +* allows you to select the level of residual moisture after finishing in the program Mops *Standard plus.*

Four options are available:

⬤⬤⬤⬤ (high level of residual moisture)

to

⬤ (low level of residual moisture)

Spin & Conditioning cleaning cloths

The setting *Spin & Condit. cloth* allows you to select the level of residual moisture after finishing in the programs *Cleaning cloths 140°F/ 105°F* and *Conditioning cloths*.

Four options are available:

⬤⬤⬤⬤ (high level of residual moisture)

to

⬤ (low level of residual moisture)

Empty sensor

You can activate the *Empty sensor* of external liquid detergent containers so that a message is displayed when the containers are empty.

The washer comes factory-set with this option set to *No* (no empty sensor).

Additional programs

> Select *Additional programs* to expand the choice of programs.

0 = no additional program (factory default)

Add cottons = *Cottons hygiene* and *Cottons universal* are added.

Add Intensive / + = the programs *Intensive* and *Intensive +* are added.

Minimum Iron / Quick wash = the programs *Minimum iron* and *Quick wash* are added.

Add all = all programs are added.

Cottons level

> The water level for the main wash can be increased in the programs *Cottons hygiene* and *Cottons universal.*

The machine comes factory-set with the option "Block Parameter" selected. (The water level will be controlled according to the factory set program data.)

Minimum iron level

> The water level for the main wash can be increased in the program *Minimum iron.*

The machine comes factory-set with the option "Block Parameter" selected. (The water level will be controlled according to the factory set program data.)

Pre-wash temp. cottons

> The pre-wash temperature can be selected in the programs *Cottons hygiene* and *Cottons universal.*

The machine comes factory-set with the option "Block Parameter" selected. (The temperature will be controlled according to the factory set program data.)

Pre-wash duration

> You can increase the pre-wash time.

The machine comes factory-set with the option "Block Parameter" selected. (The wash time will be controlled according to the factory set program data.)

Settings menu - Supervisor level

Cottons duration

> The wash time for the main wash can be increased in the programs *Cottons hygiene* and *Cottons universal*.

The machine comes factory-set with the option "Block Parameter" selected. (The wash time will be controlled according to the factory set program data.)

No. rinses Cottons

> The number of rinse cycles can be changed in the programs *Standard*, *Cleaning cloths*, *Cottons hygiene* and *Cottons universal*.

2 rinse cycles (factory default)
3 rinse cycles
4 rinse cycles
5 rinse cycles

Minimum iron duration

> The wash time for the main wash can be increased in the program *Minimum iron*.

The machine comes factory-set with the option "Block Parameter" selected. (The wash time will be controlled according to the factory set program data.)

No. rinses Min. iron

> The number of rinse cycles can be changed in the program *Minimum iron*.

2 rinse cycles (factory default)
3 rinse cycles
4 rinse cycles

Pre-wash Cotton/Min-iron

> Pre-wash can be permanently added in the programs *Cottons hygiene, Cottons universal* and *Minimum iron.*

The machine comes factory-set with the option *Select from menu* turned on.

Pre-rinse Cottons

> Pre-rinse can be activated in the programs *Cottons hygiene* and *Cottons universal*.

The machine comes factory-set with this option turned off.

Pre-rinse Minimum iron

Pre-rinse can be activated in the program *Minimum iron*.

The washer comes factory-set with this option turned off.

Temperature unit

You can choose whether you would like the temperature displayed in *°C/ Celsius* or in *°F/Fahrenheit*.

The washer comes factory-set with *°F selected.*

Energy usage control

The programs *Cottons hygiene*, *Cottons universal* and *Minimum iron* ensure optimal energy consumption when this option is turned on.

The washer comes factory-set with this option turned on.

Closing the Settings menu

Select *Back* and confirm. The display shows the initial menu.

Please have the model and serial number of your appliance available before contacting Technical Service.

Míele

U.S.A.
Miele, Inc.

National Headquarters
9 Independence Way
Princeton, NJ 08540
Phone: 800-843-7231
          609-419-9898
Fax: 609-419-4298
www.mieleusa.com

Technical Service & Support Nationwide
Phone: 800-999-1360
Fax: 888-586-8056

TechnicalService@mieleusa.com

Canada
Miele Limited

Headquarters and Showroom
161 Four Valley Drive
Vaughan, ON L4K 4V8
Phone: 800-643-5381
          905-660-9936
Fax: 905-532-2290
www.miele.ca
professional@miele.ca
(commercial enquiries)

MieleCare National Service
Phone: 800-565-6435
          905-532-2272
Fax: 905-532-2292
customercare@miele.ca
(general and technical enquries)

Germany
Miele & Cie. KG
Carl-Miele-Straße 29
33332 Gütersloh

CE