Operating and Installation Instructions
Commercial Washing Machine
PW 6241
PW 6321

To prevent accidents and machine damage, read these instructions before installation or use.
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**Explanation of the safety instructions and warnings on the machine**

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<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>📖</td>
<td>Read the operating instructions</td>
</tr>
<tr>
<td>📖</td>
<td>Read all the instructions, e.g., the installation instructions</td>
</tr>
<tr>
<td>🚨</td>
<td>Warning, hot surfaces</td>
</tr>
<tr>
<td>🚨</td>
<td>Warning, voltage up to 1,000 volts</td>
</tr>
<tr>
<td>⚡</td>
<td>Earthing</td>
</tr>
<tr>
<td>⚡</td>
<td>Equipotential bonding</td>
</tr>
</tbody>
</table>

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

Read the Operating Instructions carefully before using the washing machine. They contain important information on safety, installation, use, and maintenance. This prevents both personal injury and damage to the washing machine.

Miele expressly and strongly advises that you read and follow the instructions in the chapter on installing the washing machine as well as the IMPORTANT SAFETY INSTRUCTIONS.

Miele cannot be held responsible for injury or damage caused by non-compliance with these instructions.

Keep these Operating Instructions in a safe place and pass them on to any future user.

When instructing other people how to use the washing machine, they must be made aware of these IMPORTANT SAFETY INSTRUCTIONS.
Appropriate use

▶ The washing machine is only suitable for washing fabrics with a care label stating that they are suitable for machine washing. Any other applications may be hazardous. The manufacturer cannot be held responsible for damage resulting from incorrect or improper use or operation of the machine.

▶ This machine must be used as described in these instructions and must be checked on a regular basis to make sure it is functioning correctly. Maintenance must be carried out when necessary.

▶ The washing machine is not suitable for outdoor use.

▶ Do not install the washing machine in a room where there is a risk of frost. Frozen hoses are at risk of tearing or bursting. The reliability of the electronic may be impaired at temperatures below freezing point.

▶ This washing machine is intended only for use in an industrial environment.

▶ The washing machine must not be installed or operated in mobile installations (e.g., on ships).

▶ This washing machine is only intended for items of laundry which have not been impregnated with dangerous or inflammable substances.

▶ For disinfection procedures, use temperatures, holding times, detergent dosage, and, if necessary, disinfectants to achieve the required infection prophylaxis in accordance with guidelines and microbiological and hygienic standards.

▶ Disinfection programs must not be interrupted, as this can have a limiting effect on the disinfection result. It is the operator’s responsibility to ensure that the standard of disinfection in thermal as well as chemo-thermal procedures is maintained by carrying out suitable validation tests.

▶ If the laundry has special result-quality requirements, such as rinsing result, an absence of particles, wettability, and liquid permeability, the procedure must be validated accordingly. The supervisor must guarantee the reprocessing standard with regular quality checks.

▶ Do not store or use gasoline, paraffin, or any easily flammable substances near the washing machine. There is a risk of fire and explosion.

▶ If the washing machine is operated in a publicly accessible place, it is the supervisor’s responsibility to ensure that suitable measures are in place to protect users from any source of risk or danger.

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

- Children must not be allowed near the washing machine unless they are constantly supervised.
- Children must not be allowed to clean or maintain the washing machine.
- Please supervise children in the vicinity of the washing machine and do not let them play with it.
- Any uses other than those listed above are prohibited. The manufacturer accepts no liability in such cases.

Preventing misuse

- Never use solvent-based cleaning agents, e.g., those containing benzene, in this washing machine. This may result in damage to component parts and create toxic fumes. Risk of fire and explosion!
- When washing with high temperatures please be aware that the porthole glass can get hot. Danger of burning.

- Close the drum door after each wash cycle. This will prevent:
  - Children climbing into the washing machine or hiding things in it.
  - Pets or other small animals climbing into the washing machine.
- Do not damage, remove or bypass the safety components or control elements of this washing machine.
- Machines with a damaged control panel, wires, or cables must not be used until they have been repaired.

- The water generated during washing is suds and not drinking water. Drain the suds into a proper drainage system.
- Always make sure that the drum is stationary before reaching in to remove laundry. Reaching into a moving drum is extremely dangerous.

- Be careful not to put your hands in the gap between the door and frame when closing the drum door.

- If the detergent compartment drawer is open and the chute is missing, there is a danger of scalding from splashing water. Do not operate the machine if any of its components are missing!

- Always follow the instructions of the chemical manufacturer when using cleaning agents and special application chemicals. Only use such chemicals for the purpose and in the situation specified by the manufacturer in order to avoid the danger of adverse chemical reactions and material damage.
Technical safety

Installation and repair work to electrical machines must only be carried out by a qualified person in strict accordance with current local and national safety codes. Repairs and other work by unqualified persons could be dangerous.

This washing machine should be installed by Miele Customer Service or by an authorized dealer.

Before installing the washing machine, check it for visible signs of damage. Do not install or use a damaged washing machine.

The electrical safety of this washing machine can only be achieved if it is grounded properly. It is essential that this standard safety requirement is met. If in any doubt, please have building’s wiring system inspected by a qualified electrician. Miele cannot be held responsible for the consequences of an inadequate grounding system (e.g. electric shock).

Unauthorized repairs could result in unforeseen dangers for the user, for which the manufacturer cannot accept responsibility. Repairs should only be undertaken by a Miele authorized service technician, otherwise any subsequent damage may not be covered by the warranty.

Do not make any alterations to the machine, unless authorized to do so by Miele.

Disconnect the washing machine from the power supply in the event of a fault and for cleaning and maintenance. The washing machine is only electrically disconnected from the power supply when
- the electrical plug of the washing machine is unplugged, or
- circuit breaker is disconnected, or
- the screw-in fuse has been completely removed.

For additional information; see “Installation – Electrical connection”.

Washing machines with a damaged control element or cord insulation must not be used until they have been repaired.

Only operate the washing machine when all removable outer panels are in place so that it is impossible to touch an electrical component or moving part.

In the event of a fault or for cleaning and maintenance purposes, the washing machine must be isolated from the electricity supply. It is only completely isolated when
- the electrical plug of the washing machine is unplugged, or
- the fuse is disconnected, or
- the screw-in fuse has been completely removed.

For additional information; see “Installation – Electrical connection”.

For additional information; see “Installation – Electrical connection”.
The plug (if so equipped) for the washing machine must always be kept accessible so that it can be easily disconnected from the power supply.

The washing machine may only be connected to the water supply using the set of hoses supplied with the machine. Old sets of hoses must not be re-used. Check the sets of hoses regularly for signs of wear. Change the sets of hoses ahead of time to avoid the risk of leaks and subsequent water damage.

Faulty components should only be replaced by genuine Miele replacement parts. Miele can only guarantee the safety standards-compliant of the machine when Miele replacement parts are used.

In the event of a leak, disconnect the washing machine from the power supply immediately and rectify the cause of the leak before using the washing machine again.

In the case of a fault with the steam heating there can be increased temperatures in the vicinity of the door, the detergent compartment panel and in the drum interior (especially at the edges). Danger of burning. This only applies for machines with steam heating.

If this machine is being used in an industrial environment, please ensure that all relevant health and safety regulations are obeyed and testing is carried out in compliance with local and national regulations. The test book for all necessary test documentation is available from Miele Technical Service.

Follow the instructions in “Installation”.

For hard-wired machines, a quick means of disconnect must be provided on site. The isolator must be located in the immediate vicinity of the washing machine and be easily recognizable, accessible without hindrance.

If the machine’s connection cord has been damaged, it must be replaced by the manufacturer or a qualified specialist.

The power supply must be disconnected when performing maintenance or replacing parts on the machine. If the electrical plug needs to be disconnected from the socket, the operating personnel must ensure that the electrical plug remains disconnected at all times.
Correct use

- The maximum dry laundry weight is 53 lb (24 kg) for PW 6241 and 370 lb (32 kg) for PW 6321. See the “Program chart” for the maximum recommended load sizes for individual programs.

- Before using the washing machine for the first time, check that the shipping struts have been removed (see “Installation – Removing the shipping struts”). During spinning, a shipping strut which is still in place may result in damage to both the washing machine and adjacent furniture or machines.

- Never try to open the washing machine door using force. The door can only be opened when a corresponding message appears in the display.

- When washing with high temperatures, remember that the porthole glass and drum door become hot. You must therefore keep children away from the porthole glass and drum door during the wash cycle.

- Close the drum door after each wash cycle. This will prevent:
  - Children climbing into the washing machine or hiding things in it.
  - Pets or other small animals climbing into the washing machine.

- Always close the drum door carefully. There is a risk of crushing and injury by shearing in the area around the hinges of the drum door.

- It must be possible to open the drum door fully. There must be no doors or other structural elements in the vicinity which prevent the drum door from opening.

- Always make sure that the drum is stationary before reaching in to remove laundry. Touching a moving drum poses a significant risk of injury.

- The procedures and machines listed here are not medical devices. Observe the program descriptions and procedural information in the program chart.

- Laundry is only disinfected in programs with a disinfection step. All other programs do not have a disinfection step (see the “Hygiene” program chart).

- This washing machine may only be operated without supervision if there is a floor drain (gully) in the direct vicinity of the washing machine.

- Disinfectants and detergents often contain chlorine-containing compounds. When agents containing chlorine dry on stainless-steel surfaces, the resulting chlorides can attack the stainless steel and produce rust. Protect your washing machine from rust damage by using chlorine-free agents to wash, disinfect, and clean the stainless-steel surface. If in doubt, have the manufacturer confirm the suitability of the agent.
If agents containing chlorine get onto the stainless-steel surface, clean the stainless-steel surface immediately with water. Then use a cloth to dry the stainless-steel surface.

► It is particularly important to observe the manufacturer’s instructions when using a combination of cleaning agents and special application products. Agents must only be used for applications approved by the manufacturer to avoid any material damage or the occurrence of strong chemical reactions. Confirmation must be sought from the manufacturer that using the agent in the washing machine will not cause damage.

► If the correct amount of detergent is dispensed, the machine should not need to be descaled. If, however, you do wish to descale it, only use proprietary non-corrosive descaling agents and strictly observe the instructions on the packaging. A special descaling agent is available to order from Miele (see “Optional accessories”).

► Turn off 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.

► Take care to ensure that foreign objects (e.g., nails, pins, coins, paper clips) do not find their way into the machine with the laundry. These may damage components of the machine (e.g., suds container, drum). Damaged components can damage the laundry.

► Fabrics that have been pre-treated in solvent-based cleaning agents must be thoroughly rinsed in clean water before being washed in the machine. Note that solvent residues may only be discharged into waste water in compliance with local legislation.

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

► Do not store chemicals (liquid detergent etc.) on the machine lid. They can damage lacquered surfaces and cause discoloration. Accidental chemical spillages must be thoroughly removed using a wet cloth.

► A fan outlet is located on the rear of the washer. This area must not be blocked. Please ensure that the minimum gap required, as shown on the installation drawing, is maintained.

► Recommending chemical cleaning agents does not mean that the machine manufacturer is responsible for the influences of these agents on the laundry and the washing machine. Please note that undisclosed product changes by the manufacturers of these agents may affect the quality of the wash result.
IMPORTANT SAFETY INSTRUCTIONS

➤ Only use dyes, dye removers, and descaling agents suitable for use in a washing machine. The manufacturer’s instructions on the packaging must be observed.

➤ Color run and dye removers contain sulphur compounds which can cause damage such as corrosion. Use these products only if the manufacturer expressly states that they are suitable for use in a washing machine.

➤ Check the wash result of laundry soiled with biological oils or greases. Inadequately washed laundry can cause spontaneous combustion during the drying process. Use special detergents or wash programs for this kind of laundry.

➤ Do not use a power washer or hose to clean the machine.

Chlorine and component damage

➤ Frequent use of chlorine products increases the risk of damage to components.

➤ The use of substances containing chlorine, such as sodium hypochlorite and chlorine bleach in powder form, can however result in damage of the protective layer of stainless steel and corrosion on components. Therefore, refrain from using substances containing chlorine. Use oxygen-based bleaching agents instead.

If, however, chlorine bleaching agents are used, an anti-chlorine treatment must always be carried out. Otherwise, both the washing-machine components and the load may suffer persistent and irreparable damage.

➤ Anti-chlorine treatment must be carried out immediately after chlorine bleaching agents have been used. Hydrogen peroxide as well as oxygen-based detergents and bleaching agents are suitable for anti-chlorine treatment. The suds must not be drained in between.

Treatments with thiosulphates can result in gypsum-like deposits particularly when used in combination with hard water. This gypsum can build up in the washing machine or cause incrustations on the laundry. Treatment with hydrogen peroxide is recommended over treatment with thiosulphates because hydrogen peroxide neutralizes chlorine.

The exact dispensing quantities and the treatment temperatures required must be set and tested on site in accordance with the dispensing recommendations of the detergent and cleaning agent manufacturers. The laundry must also be tested to check whether it contains any active chlorine residues.

Accessories

➤ Accessory parts may only be fitted when expressly approved by Miele. If other parts are used, any claims from the warranty will be void.
Miele cannot be held responsible for damage caused by failure to comply with these safety instructions and warnings.

**Disposing of your old machine**

- Ensure that the door locks are unusable when disposing of or scrapping old washing machines. This will prevent the risk of children playing accidentally locking themselves in and endangering their lives.
Caring for the environment

Disposal of packaging material
The cardboard box and packing materials protect the machine 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. Return the packaging to your dealer.

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.
Caring for the environment

Energy-saving tips

Energy and water consumption - Make use of the maximum load that the wash program can accommodate. The most efficient use of energy and water is achieved when a full load is washed.

Detergent - Do not exceed the amounts of detergent recommended on the packaging.
- Reduce the amount of detergent for smaller loads.

When drying with a tumble dryer Select the highest possible spin speed for the wash program to save energy in the subsequent drying cycle.
Machine description

1 **Emergency-off button**
   Pressing the red button switches the machine off.

2 **Control panel**

3 **Detergent drawer**
   Pull the handle to open the cover.

4 **Door handle**
   The door handle is equipped with an anti-snap mechanism to ensure the safety function of the door lock.

5 **Drum door**
   Pull the door handle to open the drum door. Never try to force open the drum door.

6 **Service panel**

7 **Plinth panel**
Description of the machine

Control panel

When the machine is switched on the welcome screen will appear briefly, followed by the program list. The last started program is highlighted.

Function buttons
The six buttons underneath the display are the function buttons. These buttons can be allocated specific functions depending on the status of the machine. These functions appear in the display above the buttons and are highlighted when selected. By reprogramming “Direct button allocation”, the first six programs in the program list can be selected using buttons 1–6.

Start button
The light ring around the button flashes when a selected program is ready to start. The selected program starts when the button is pressed. After a program has started, the display content can be shown again by pressing this button.

PC optical interface
Using PC software, data can be transmitted to and from the controls to a PC. The optical interface on the control panel provides the connection point.

Selector dial
Rotating the outer ring allows changes to be made to the display selection and input fields and also confirms these changes.

Card reader
When a card is inserted, the wash programs on the card can be used. Insert the card in the direction of the arrow.

Power on button
Switch on the machine

Power off button
Switch off the machine

Emergency-off button
Only use in case of danger. Pressing the red button switches the machine off. When the hazard has been removed, the button can be unlocked by turning it clockwise. When the “START” button is pressed again, the interrupted program continues.
Description of the machine

Function buttons
A function is activated when pressed and deactivated when pressed again.

☑ Stop/finish
The right-hand function button is used as the finish button after a program has started. Pressing the button stops the selected program or finishes a stopped program.

+ Block+
The corresponding program block (e.g., Pre-wash) is added to the program.

|| Starch stop
Press this button if the laundry is to be starched.

☐ W/o spin
Press this button if a final spin is not required after the final rinse.

► Settings
Another language can be temporarily selected by pressing this button.

⏰ Delay start
When this button is pressed before starting the program, information about selecting a start time will appear in the display.

ℹ Information
Program information appears in the display when this button is pressed.

💧 Water drainage

_MEDIUM
Manual control
See programming instructions

→→ Skip / Repeat
The current program can be skipped or program blocks can be repeated.

◅ Back
Return to previous display page.

▼/▲ Information on next/previous line

⛟ Saving
See programming instructions

瑭 Program locked
If a program is locked, after 1 minute it can no longer be stopped or canceled with the finish button.

瑭 Program unlocked

◅ Dispensing

◅ Dispensing switched off

◅ Operating data

◅ Reseting to 0 (taring)
If the load display does not show “00.0” with an empty drum, this can be rectified by pressing this button.

梒 Data transfer
Description of the machine

Program card for the supervisor
There are no programs on this card ex works. Please refer to the programming instructions for information on how data is transferred from the controls to the card.

If a card with saved programs is placed in the card reader before the program is started, the controls no longer access the internal program memory. The content of the card is read and shown in the display as a program list with the indication Card operation.

The card can hold a maximum of 30 programs consisting of 6 blocks each. The back of the card can be labeled.
Before using for the first time

⚠️ The washing machine must be commissioned by Customer Service or an authorized dealer.

- Open the on-site shut-off valves for water and/or steam.
- Switch on the (on-site) power switch.
- Switch the machine on with the I “Power on” button.

The welcome screen will appear in the display

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cottons Hygiene 194°F</td>
</tr>
<tr>
<td>2</td>
<td>Cottons Universal 140°F</td>
</tr>
<tr>
<td>3</td>
<td>Cottons Intensive 140°F</td>
</tr>
</tbody>
</table>

Followed by the program list (the last started program is highlighted).

Rotate the selector dial to select a program and press the “START” button to start it immediately.

Preparing the laundry

Emptying pockets

- 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.
## Washing

### Max. load (dry laundry)

<table>
<thead>
<tr>
<th>Program Description</th>
<th>PW 6241</th>
<th>PW 6321</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Cottons 90°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 Cottons 60°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 Cottons 60°C intensive</td>
<td>max. 53 lb (24 kg)</td>
<td>max. 70 lb (32 kg)</td>
</tr>
<tr>
<td>4 Cottons 30°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 Cottons 30°C intensive</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 Cottons Eco short</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 Minimum iron 60°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 Minimum iron 60°C intensive</td>
<td>max. 27 lb (12 kg)</td>
<td>max. 36 lb (16 kg)</td>
</tr>
<tr>
<td>9 Minimum iron 30°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 Minimum iron 30°C intensive</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11 Delicates</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 Woolens 30°C</td>
<td>max. 21.2 lb (9.6 kg)</td>
<td>max. 28.2 lb (12.8 kg)</td>
</tr>
<tr>
<td>13 Hand-washable woolens 30°C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Maximum load weights of other programs are specified in the program chart.

- Loading the laundry.
- Close the drum door using the door handle; do not slam slut.

Make sure that no items are caught between the drum door and the opening.
Washing with detergent drawers

Adding detergent using the detergent dispenser drawer

For standard wash programs, add powder detergent for the main wash to the compartment and if desired, add detergent for a pre-wash to the compartment. Add fabric softener to the front of the compartment.

Add any other liquid agents to the back of compartment (if this has been programmed).

Do not fill the compartments above the level marker with liquid agents. They will otherwise run through the siphon and into the suds container before they are needed.

Bleaching agent

Only use bleach on fabrics with the Δ symbol on the care label.
**Washing**

Liquid bleaching agents must only be dispensed through the designated dispenser drawer compartment. Only then it is ensured that the agent is added in to the second rinse cycle automatically. Liquid bleaching agents should only be used on colored textiles which have a wash care label stating that they are suitable for bleaching.

⚠ Frequent use of chlorine products increases the risk of damage to components.

| Dyes, dye removers, and descaling agents | Proprietary dyes, dye removers, and descaling agents may only be used in this machine if the manufacturer expressly states that they are suitable for use in a washing machine. The manufacturer’s instructions on the packaging must be observed. |
| Detergent dispensing | Avoid dispensing more than the required amount as this can cause excessive foaming.  
- Only use low-foaming detergents.  
- Follow the detergent manufacturer’s recommendations.  
The amount to dispense will depend on:  
- the amount of laundry  
- the water hardness  
- how dirty the laundry is |
| Dispensing quantity | Please dispense according to water hardness levels and follow the detergent manufacturer’s instructions. |
## Water hardness levels

<table>
<thead>
<tr>
<th>Water hardness level</th>
<th>Water properties</th>
<th>Total hardness in gpg</th>
<th>German scale °d</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Soft</td>
<td>0–7</td>
<td>0–7</td>
</tr>
<tr>
<td>II</td>
<td>Medium</td>
<td>7–15</td>
<td>7–14</td>
</tr>
<tr>
<td>III</td>
<td>Hard</td>
<td>15–22</td>
<td>14–21</td>
</tr>
<tr>
<td>IV</td>
<td>Very hard</td>
<td>Above 22</td>
<td>Above 21</td>
</tr>
</tbody>
</table>

Check with your local water supplier if you do not know the water hardness level in your area.
Selecting a program
- Select a program by rotating the selector dial (e.g., Program 1 Cottons).

The following (for example) will appear in the display:

<table>
<thead>
<tr>
<th>Program</th>
<th>Temperature</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>90°F</td>
<td>Extra Drain</td>
</tr>
<tr>
<td>2</td>
<td>60°F</td>
<td>Cottons Universal</td>
</tr>
</tbody>
</table>

Selecting the Pre-wash, Starch stop, or W/o spin additional functions
- Confirm the selected program by pressing the inner button on the selector dial.

The following (for example) will appear in the display:

<table>
<thead>
<tr>
<th>Program</th>
<th>Temperature</th>
<th>Function</th>
<th>Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>90°F</td>
<td>Main Wash Cottons Hygiene</td>
<td>24,0 / 24,0 lb</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rinse</td>
<td>1100 U/min</td>
</tr>
</tbody>
</table>

If required, add the “Pre-wash” program block by pressing the “Block+” function button.

When the “Block+” function button is pressed, the following appears in the display:

<table>
<thead>
<tr>
<th>Program</th>
<th>Temperature</th>
<th>Function</th>
<th>Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>90°F</td>
<td>Main Wash Cottons Hygiene</td>
<td>24,0 / 24,0 lb</td>
</tr>
<tr>
<td>40°F</td>
<td>Pre-wash</td>
<td></td>
<td>1100 U/min</td>
</tr>
</tbody>
</table>

The “+” field is highlighted.

The function can be deselected by pressing the button again.

Press the “Starch stop” button if the laundry is to be starched.

Press the “W/o spin” button if a final spin is not required after the final rinse.

If you do not want to make any additional changes to the program:
- Press the “START” button to start the wash program.
Changes before program start

If changes are to be made before the start of the program, e.g. load, temperature or spin speed:

**Load size**
The load size can be entered manually before the start of the program.

<table>
<thead>
<tr>
<th>1</th>
<th>Cottons Hygiene</th>
<th>10,0 / 24,0 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>40°F</td>
<td>Pre-wash</td>
<td></td>
</tr>
<tr>
<td>90°F</td>
<td>Main Wash</td>
<td></td>
</tr>
</tbody>
</table>

- Rotate the selector dial to select the “Load size” entry field and press the selector dial to confirm the selection.
- Rotate the selector dial to change the load size and press the selector dial to confirm the set value.

**Temperature**
Before the program starts, the temperature can be set in 1° increments from cold 60°F (15°C) to the max. 205°F (95°C).

<table>
<thead>
<tr>
<th>1</th>
<th>Cottons Hygiene</th>
<th>10,0 / 24,0 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>40°F</td>
<td>Pre-wash</td>
<td></td>
</tr>
<tr>
<td>90°F</td>
<td>Main Wash</td>
<td></td>
</tr>
</tbody>
</table>

- Rotate the selector dial to select the “Temperature” field (e.g., 105°F (40°C) for the pre-wash) and press the selector dial to confirm the selection.
- Rotate the selector dial to change the temperature and press the selector dial to confirm the set value.

**Spin speed**
in 25 rpm increments from 0, 300 up to a maximum of 1,100 rpm (PW 6241) or 1,000 rpm (PW 6321).

<table>
<thead>
<tr>
<th>1</th>
<th>Cottons Hygiene</th>
<th>10,0 / 24,0 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>90°F</td>
<td>Main Wash</td>
<td></td>
</tr>
</tbody>
</table>

- Rotate the selector dial to select the “Spin speed” field (1,000 rpm for the final spin) and press the selector dial to confirm the selection.
- Rotate the selector dial to change the spin speed and press the selector dial to confirm the setting.

**Maximum spin speeds**

<table>
<thead>
<tr>
<th>PW 6241</th>
<th>PW 6321</th>
</tr>
</thead>
<tbody>
<tr>
<td>1100 rpm</td>
<td>1000 rpm</td>
</tr>
</tbody>
</table>

Press the “START” button to start the wash program.
Starting a program

- Press the “START” button.

The wash program will start.

After the program has started, the program sequence is shown in the display.

<table>
<thead>
<tr>
<th>1</th>
<th>Cottons Hygiene</th>
<th>20°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>40°F Pre-wash</td>
<td>Main Wash Finish at</td>
<td>12:35</td>
</tr>
<tr>
<td>+</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

In the second line of the display, in this case Pre-wash, the current suds temperature is shown.

<table>
<thead>
<tr>
<th>1</th>
<th>Cottons Hygiene</th>
<th>60°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>90°F Main Wash</td>
<td>Rinse 1 Cold Finish at</td>
<td>12:35</td>
</tr>
<tr>
<td>+</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If the Pre-wash program block is finished, the Main Wash program block will appear in the second line of the display with the current suds temperature. The next program block, in this case Rinse 1, is shown below.

**Tip:** The program finished display on the right shows the time that the program will finish.

<table>
<thead>
<tr>
<th>1</th>
<th>Cottons Hygiene</th>
<th>60°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>90°F Main Wash</td>
<td>Rinse 1 Cold Finish at</td>
<td>12:35</td>
</tr>
<tr>
<td>+</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Press the i “Information” button.

Additional information about the wash program will appear in the display. For example:

<table>
<thead>
<tr>
<th>1</th>
<th>Cottons Hygiene</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delay start</td>
<td>10.07.2020</td>
</tr>
<tr>
<td>Start time:</td>
<td>09:47</td>
</tr>
<tr>
<td>Time after start</td>
<td>0h 23 min</td>
</tr>
<tr>
<td>Time left</td>
<td>0h 11 min</td>
</tr>
<tr>
<td>Time after start</td>
<td>0h 23 min</td>
</tr>
<tr>
<td>Time left</td>
<td>: 0h 11 min</td>
</tr>
<tr>
<td>Repetition</td>
<td>: No</td>
</tr>
<tr>
<td>Area 3</td>
<td>: Rinse</td>
</tr>
</tbody>
</table>
Press the “Back” button.
The display will automatically revert to the program sequence.

At the end of the program, when the drum has stopped rotating and no water is left in the machine, the following (for example) appears in the display:

At the same time, a buzzer sounds for 5 seconds at the end of the program.

- Pull the handle to open the drum door.
- Pull the door handle to open the drum door.

Never use force to open the drum door!
If the drum door cannot be opened, press against the drum door and then pull the door handle again.

- Remove the laundry.
Procedure in the event of a program interruption during operation

If the program has been canceled while there is still water in the machine or during spinning, the following (for example) will appear in the display:

1  Cottons Hygiene
Program finished. Water in the drum.

or

1  Cottons Hygiene
Program finished. Drum still rotating.

The drum door is locked.
Do not attempt to open the drum door using force.

- Press the \[ \text{Water drain} \] function button or select the “Separate spin” program and press the “START” button.
- Open the door at the end of the program.

If no additional wash programs are planned:
- Switch off the machine with the 0 “Power off” button.
- Switch the machine off with the on-site power switch.
- Close the on-site shut-off valves for water and steam.
Card operation

Cards with **at least one** program are intended for a particular model of machine. Blank cards can be used in any machine.

- Switch on the machine with the "Power on" button.

The welcome screen will appear in the display.

- Insert the card.

The programs on the card will appear in the display.

<table>
<thead>
<tr>
<th>Card operation</th>
<th>17</th>
<th>Masks</th>
<th>45 °F</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18</td>
<td>Minimum iron</td>
<td>60 °F</td>
</tr>
</tbody>
</table>

- Select a program by rotating the selector dial. Press the selector dial to select the program.

- Press the selector dial to select the highlighted program.

- Press the “START” button.

The program will start running.

Once the “START” button has been pressed, the card can be removed from the card reader. The program will be deleted at the end of the program.

**Do not insert any objects other than the card into the card slot.**

If the card is inserted into the slot the wrong way, the following message will appear in the display:
Washing by card operation

Card fault

Reinsert card correctly in card reader.

- Insert the card into the card reader correctly.

If the card is not suitable for this model of machine, the following message will appear in the display:

Card contents

Card programs are only applicable for machine type ??.

- Insert a suitable card for the model of machine.

Laundry load operation

Laundry loads that require a special wash program are assigned a program card containing only the program designed for the specific laundry load.

Laundry load operation can be activated via the Card operation menu option in the supervisor level.

When the Card operation menu option is activated, the controls will only accept cards that contain a laundry load program. The programs saved on the machine can no longer be accessed.
Additional functions

Temporarily changing the language
The display language can be changed temporarily via the flag symbol before starting the program.

The language selected is reset 5 minutes after the end of the program when the door is opened.

<table>
<thead>
<tr>
<th></th>
<th>Cottons Hygiene</th>
<th>90°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Cottons Universal</td>
<td>60°F</td>
</tr>
<tr>
<td>3</td>
<td>Cottons Intensive</td>
<td>60°F</td>
</tr>
</tbody>
</table>

- Press the function button.

The following appears in the display:

<table>
<thead>
<tr>
<th>Settings</th>
<th>Back</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main menu</td>
<td>Language</td>
</tr>
<tr>
<td></td>
<td>Supervisor level</td>
</tr>
</tbody>
</table>

- Press the selector dial to confirm the Language menu option.

<table>
<thead>
<tr>
<th>Settings</th>
<th>Language</th>
<th>Back</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>dansk</td>
<td></td>
</tr>
<tr>
<td></td>
<td>english (USA)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>english</td>
<td></td>
</tr>
</tbody>
</table>

- Rotate the selector dial to select the desired language.

The selected language is highlighted.

- Press the selector dial to confirm the new display language.

The display is now shown in the newly selected language.
Additional functions

Start time
A later wash start time can be allocated to a program using the ⏳ “Start time” function button.

Setting a start time
■ Select the wash program required.
When a program has been selected, the following (for example) will appear in the display:

<table>
<thead>
<tr>
<th>1</th>
<th>Cottons Hygiene</th>
<th>10,0 / 16,0 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>90°F</td>
<td>Main Wash</td>
<td></td>
</tr>
<tr>
<td>Rinse</td>
<td></td>
<td>1000 U/min</td>
</tr>
</tbody>
</table>

■ Press the ⏳ “Start time” function button.
The following (for example) will appear in the display:

<table>
<thead>
<tr>
<th>1</th>
<th>Cottons Hygiene</th>
<th>10,0 / 16,0 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Start time</td>
<td>16:10</td>
<td>Start date: 2.4.2020</td>
</tr>
</tbody>
</table>

The current time and date always appear. The entry field for hours is highlighted.

■ Press the selector dial to select the hour. Rotate the selector dial to change the hour and press the selector dial to confirm.

■ Rotate the selector dial to select and confirm the “Minutes” field. Rotate the selector dial to change the minutes and press to confirm.

■ Rotate the selector dial to select and confirm the “Start date day” entry field. Rotate the selector dial to change the day and press to confirm.

■ Change the month and year if required.

■ After setting the start time, press the “START” button and the program will start at the set time.
The display shows the current time and date and the start time.

<table>
<thead>
<tr>
<th>1</th>
<th>Cottons Hygiene</th>
<th>10,0 / 16,0 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>90°F</td>
<td>Main Wash</td>
<td></td>
</tr>
<tr>
<td>16:15</td>
<td>-2.4.2010</td>
<td>Start: 6:00 - 3.4.2020</td>
</tr>
</tbody>
</table>

If the drum door is opened again, the “START” button must be pressed again.

■ Press the ⏳ “Delay start” button or the ↩ “Back” button.
The changes will not be saved.

Canceling the start time function

■ Press the ⏳ “Delay start” button or the ↩ “Back” button.
The changes will not be saved.
**With pre-wash**

A Pre-wash can be added for heavily soiled laundry before the program has started in the standard programs 1 to 10.

- Press the + button “Block+” button.

The following will appear in the display:

```
1 Cottons Hygiene 14,0 / 16,0 lb
40 °F Pre-wash
Main Wash
```

The “+” field is highlighted in the display.

**Tip:** The function can be deselected by pressing the + button “Block +” button again.

---

**Adding via the drawer**

Starching can be selected before the program starts in all standard programs (excluding Separate spin and Separate drain) by pressing the Starch stop button. The field will be highlighted in the display.

The function can be deselected by pressing the button again.

```
1 Cottons Hygiene
Program stop - Starch stop
Door can be opened.
```

When the “Starch stop” program stage is reached, Program stop - Starch stop will flash in the display.

Prepare the starch according to the manufacturer’s instructions and add to the inflowing water via the front drawer. Dilute the starch with water if necessary. The wash time will be automatically extended by 4 minutes.

The program will continue when the “START” button is pressed.

---

**Adding directly into the drum**

When the “Starch stop” program stage is reached, open the drum door and add the starch prepared according to the manufacturer’s instructions. Close the drum door.

The following message will appear in the display again:

```
1 Cottons Hygiene
Program stop - Starch stop
Door can be opened.
```

Press the “START” button and the program will continue.
Additional functions

Without spin

“W/o spin” ☺ can be selected before the program starts in all standard programs (excluding Separate spin).

Press the “W/o spin” button.

The ☻ field will be highlighted in the display.

Tip: The function can be deselected by pressing the button again.

When the “W/o spin” program stage is reached, Program stop - W/o spin will flash in the display.

End the program without a spin and with Water in the machine by pressing the ☺ “Stop/finish” button.

Tip: The program can be continued with a spin by pressing the “Start” button.

Program stop

Stopping the program.

Press the ☺ “Stop/finish” button to stop the program.

The program will stop.

Tip: The program can be continued by pressing the “START” button.
**Program cancelation**

The program can be canceled as follows.

- Press the “Stop/finish” button twice in succession.

The program is canceled.

If the program has been canceled while there is still water in the machine or during spinning, the following will appear in the display:

```
1 Cottons Hygiene
Program stop - Water in the drum
```

or

```
1 Cottons Hygiene
Program stopped. Drum rotating.
```

**Tip:** To open the door, press the “Water drain” function button or select the “Extra Spin” program and press the “START” button.

**Canceling a locked program**

It is not possible to stop or cancel a locked program.

```
1 Cottons Hygiene
90°F Main Wash
Locked
```

Finish at 12:35

The display will show the locked state if an attempt is made to cancel the program by pressing the “Stop/finish” button.

- Press the “Unlock” function button and enter the password.

When the password is entered, the following appears in the display:

```
Unlock program?
```

- Press the “Save” button.

The normal display content will appear and the program can now be canceled.
**Additional functions**

<table>
<thead>
<tr>
<th>1</th>
<th>Cottons Hygiene</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 °F Main Wash</td>
<td>60 °F</td>
</tr>
<tr>
<td>Rinse 1</td>
<td>Finish at 12:35</td>
</tr>
</tbody>
</table>

### Skipping a program

The current program can be skipped or program blocks can be repeated.

- Press the "Stop/finish" button. The program will stop.

- Press the "Skip / Repeat" button. The current area, block, or stage appears in the display.

**Tip:** See “Program structure” for more information.

- Rotate the selector dial to highlight Area and press to confirm. Select and confirm areas: 1 Pre-wash, 2 Main wash, or 3 Rinse.

- Rotate the selector dial to highlight Block and press to confirm. Select and confirm blocks: 1–10 Pre-wash, 1–10 Main wash, or 1–10 Rinse.

- Rotate the selector dial to highlight Stage and press to confirm. Select and confirm the required program stage.

- Press the "Save" button and then "START" to skip the stage.

**Tip:** Press the "Back" button to return to program stop and the Skip / Repeat will not be performed.
Liquid dispensing (optional for machines with detergent compartment)

A Dispenser pump
B Siphon tube
① Hose connection socket (suction side)
② Hose connection socket (pressure side)
③ Outlet (in case of hose leakage)
④ Suction inlet opening
⑤ Display indicator level checker. When the dispenser is empty the pump and the machine switch themselves off.

Dispensing system fault
Fill dispensing container ??.
Press Start.

At the same time, the washing machine indicates a lack of liquid detergent. When the dispensing canister has been filled, the program can be started by pressing the “START” button.
Optional modules

Deselecting dispensing

Liquid dispensing can be switched off manually before the program starts.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Whites</td>
</tr>
<tr>
<td>2</td>
<td>Cottons</td>
</tr>
<tr>
<td>3</td>
<td>Cottons Intensive</td>
</tr>
</tbody>
</table>

- Switch liquid dispensing off manually using the “Dispensing off” function button.

- After the program has started, no detergent will be dispensed via the dispenser pumps and the following message (for example) will be displayed:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cottons Hygiene</td>
</tr>
<tr>
<td>2</td>
<td>Main Wash</td>
</tr>
<tr>
<td>3</td>
<td>Rinse</td>
</tr>
</tbody>
</table>

Dispensing quantities

Please follow the detergent manufacturer's instructions.

⚠️ Risk of injury!
Violent chemical reactions and material damage.
Always follow the instructions of the chemical manufacturer when using cleaning agents and special application chemicals. Only use such chemicals for the purpose and in the situation specified by the manufacturer in order to avoid the danger of adverse chemical reactions and material damage.

Tip: Correct dosage also depends on the viscosity of the liquid detergent. It should therefore be allowed to settle to room temperature before being used.

Commissioning the dispenser pumps

Before the liquid dispenser pumps can be used the liquid detergent must be drawn into the system and the amount to be dispensed set.
Optional modules

Dispensing calibration
Dispensing calibration is used to measure the throughput of the individual dispenser pumps.

To go directly to Dispensing calibration when the machine is switched off:

- Press and hold multifunction button 2 and switch the machine on with “Power on”.

Options:
- Dispenser pump 1 to 13
- Select a dispenser pump.

When a dispenser pump is selected, the following will appear in the display:

Tip: The dispensing quantity can be set from 0 to 9,999 ml in 1 ml increments.

- Press the multifunction button 0/1.

The dispensing hose will fill up.

- Stop the process by pressing the 0/1 button.

- Run the hose of the dispenser pump upwards into a measuring vessel.

- Hold the entire measuring vessel above the dispenser pump while doing this.

⚠️ Irritant detergents.
Skin and eye irritation.
Avoid contact with skin and eyes, wear protective clothing.

- Return to the main menu by pressing the "Back" button.

Select a dispenser pump.
Optional modules

Dispensing calibration ➤ Dispensing pump 1

<table>
<thead>
<tr>
<th>V: 100 ml</th>
<th>t: 0 s</th>
<th>P: No</th>
</tr>
</thead>
<tbody>
<tr>
<td>0/1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Press the multifunction button 0/1.

Stop the pump by pressing the 0/1 button, or the pump will stop automatically after 60 seconds.

- Measure the required amount in the measuring vessel.

Dispensing calibration ➤ Dispensing pump 1

<table>
<thead>
<tr>
<th>V: 100 ml</th>
<th>t: 30 s</th>
<th>P: 200,0 ml/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>0/1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Enter the amount measured in the V: field.

The throughput P is calculated in ml/min by the controls.

- Press the “Save” function button.

The measured value is assigned to the pump.

- Reattach the hose.

Cleaning and maintenance of the dispensing system

Rinse the dispensing system through with hot water every 2 weeks, or before shutting the dispenser pumps down for any length of time, to avoid the system getting clogged up and corroded.

- To do this, rinse out the siphons with water.

- Put the siphons in a container with warm water (104 - 122 °F / 40 - 50 °C).

- Activate the dispenser calibration switch in each pump, until the dispensing system is rinsed through.

- Check the connections, hoses, dispensing sockets and seals for leaks.

Peak-load negotiation

When the peak-load function is activated, the heating is deactivated and the program stopped.

- Activate the peak-load function.

The following message appears in the display:

```
1 Hot Wash
Program stop - Peak load function
Program will continue.
```
Optional modules

The program is resumed automatically when the peak-load function finishes.

**Communication module**

The machine can be connected to a PC (personal computer) using the communication module.

The slot for the communication module is located on the back of the machine.

An Editor program is available for this from your sales and service center or your Miele dealer.

**Operating data**

With the Operating data module, Operating data can be read or deleted via the “Operating data” button either before program start or at the end of the program.

1. Cottons Hygiene 90 °F
2. Cottons 60 °F
3. Cottons Intensive 60 °F

Press the “Operating data” button.

When the button is pressed, the following appears in the display:

### Operating data module

- Total data
- Program data

You have the following options:

- Total data
  - Data from all programs is collected and added together in Total data.
- Program data
  - Program data is data which is recorded during a program.
- Delete data
- Module (delete total data and program data)
- Total data (only delete total data)
- Program data (only delete Program data)

**Tip:** The function can be deselected by pressing the “Operating data” button again.

If the data storage capacity in the Operating data module is full, a message appears when the “START” button is pressed to inform you that Operating data will be overwritten.
Tip: If the "Back" button is pressed or if the "START" button is not pressed within 30 seconds, the program will not start and the display appears as before program start.
## Total data

<table>
<thead>
<tr>
<th>Operating data module</th>
<th>Total data</th>
<th>Program data</th>
</tr>
</thead>
</table>

- Select the Total data menu option.

After selecting Total data (for example), the following appears in the display:

<table>
<thead>
<tr>
<th>Operating data module</th>
<th>Total data</th>
<th>Program data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total time power on</td>
<td>200.987 h</td>
<td></td>
</tr>
<tr>
<td>Operating hours</td>
<td>123456 h</td>
<td></td>
</tr>
</tbody>
</table>

Additional options:

- Total time power on: 200,987 h
- Operating hours: 123,456 h
- Total heater hours: 73,456 h
- Total machine hours: 93,456 h
- Program starts: 23,456
- Program stops: 567
- Program cancellations: 67
- Water amount: 1,234,567 l
- Load: 1,234,567 lb (kg)
- Dispensing agent: 2,345 l
- Energy: 12,345,678 kWh
Optional modules

Program data

Select the Program data menu option.

After selecting Program data (for example), the following appears in the display:

Select the relevant program from the program list and confirm your selection by pressing the selector dial.

A list of all program starts of “Program ▶ 1” will then appear with the date and start time.

Select the program start you want from the list of all “Program ▶ 1” program starts and confirm your selection by pressing the selector dial.

Additional options:

- City: Lehrte
- Serial number: 12345678
- Machine type: PW 6321
- Load: 29 lb (13 kg)
- Block plus button: pressed
- Starch stop button: pressed
- W/o spin button: not pressed
- Program start: 11:30
- Program finished: 12:05
- Total operating time: 0 h 35 min
- Electrical energy: 12.5 kWh
- Gas energy: 0 kWh
- Steam energy: 0 kWh
- Total water amount: 140 l
- Max. wash water temp.: 200°F (95°C)
- Max. drain water temperature: 115°F (45°C)
- Program change: 2 (after selecting and pressing the selector dial, only the last 3 stops and 3 starts are displayed.)
- Program fault: none (only the last 3 faults are saved.)
- Area 1: Pre-wash (after selecting and pressing the selector dial, the area and the block can both be changed.)
- Block 1: Pre-wash
- Running time: 6 min
- Water amount: 20 l
- Dispensing phase 1: Amount ml (after selecting and pressing the selector dial, the 6 dispensations are displayed.)
- Max. temperature: 54°F (12°C)
- Holding time: 6 min
- Dispensing phase 2: No
Optional modules

Delete data

<table>
<thead>
<tr>
<th>Operating data module</th>
<th>Delete data</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program data</th>
<th>Delete data</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Select the **Delete data** menu option.

After selecting **Delete data**, the following appears in the display:

- **Module**
  - : 21.02.2020
- **Total data**
  - : 12.07.2020

With the **Module** menu option, the **Total data** and the **Program data** will be deleted from the **Operating data**.

With the **Total data** menu option, only the **Total data** will be deleted from the **Operating data**.

With the **Program data** menu option, only the **Program data** will be deleted from the **Operating data**.

- Rotate the selector dial to select one of the menu options and press the selector dial to confirm the selection.

A prompt to enter a password then appears.

- Enter the password or insert the card for supervisor level.

The menu option is accessed and an additional security question appears.

- Press the “Save” button.

The data is deleted.
Optional modules

Weighing system/weighing base

If the machine is equipped with a weighing base, the load weight is displayed in 0.5 lb (0.2 kg) increments during loading. The maximum load weight for the selected program is displayed beside it.

Resetting the load display to zero

Do not place any items on the machine. Do not lean against the machine. This can influence the result of the measurement.

If the load display does not show “0.0” with an empty drum, set the display to 0 using the button.

1 Cottons Hygiene 0,0/18,0 lb
140°F Main wash
Rinse 1075 rpm

If after resetting to 0 (taring), you discover an overlooked item in the drum, the following will appear in the display:

1 Cottons Hygiene --,-/18,0 lb
140°F Main wash
Rinse 1075 rpm

Reset the display to 0 using the button.

Tip: If the machine is overloaded, for example when laundry is wet, it will operate in accordance with the nominal load after the program starts. This value is also saved in the operating data module.

At the end of the program when the drum has stopped rotating, the residual moisture in the laundry is shown in the display.

1 Whites
Programmende
Door can be opened.
Residual moisture 60 %
Frequently asked questions

The drum door cannot be opened.

- Press against the door handle, turn the machine off and on, and then pull the door handle again.

The safety catch of the door handle is disengaged

The door handle has stopped working. It is no longer possible to open or close the drum door.

The disengagement of the safety catch is intended to prevent damage to the door handle and lock in case of forced opening of the drum door.

- Press firmly against the door handle until the safety catch audibly engages.

The drum door can be opened again (provided there is no water in the machine) or closed.
Frequently asked questions

In the event of a brief power outage:

**Power failure during the wash cycle; opening the door in an emergency**

The program stops in the last position reached and the following message appears in the display once the power supply has been restored:

- Power failure
- Program stop.
- Press Start.

- Press the “START” button and the program will continue.
Frequently asked questions

In the event of a longer power failure

- Switch off the machine.
- Switch the machine off with the on-site power switch.
- Close the on-site shut-off valves for water or steam.

To remove the laundry, first open the drain valve manually and then manually unlock the drum door.

- Insert a screwdriver through the eye ① on the front of the machine.
- Open the drain valve by pulling the eye.
- Keep pressing the eye until the suds have drained away completely.

The suds will drain away.

The emergency drain closes automatically when the screwdriver is removed from the slot.

- Then retighten the bleed screw and check for leaks (open the water shut-off valve).

- First insert the screwdriver into the opening next to the door lock, press it in, and hold it. Press against the door handle with your right hand and then pull the door handle to open the drum door. Never use force to open the drum door!
Frequently asked questions

- Remove the laundry.

**Possible reasons for increased levels of foaming**

**Detergent type**
- Only use detergent suitable for use in commercial washing machines. Domestic laundry detergent is not suitable.

**Too much detergent**
- Dispense detergent following the instructions on the packaging and in accordance with local water hardness.

**Detergent creates too much foam**
- Use a lower foaming detergent or contact your detergent application specialist.

**Very soft water**
- In areas with water hardness level 1, add less detergent in accordance with the detergent manufacturer’s instructions.

**Soiling level of the laundry**
- For lightly soiled laundry add less detergent in accordance with the detergent manufacturer’s instructions.

**Residues, e.g., detergent left on laundry**
- Run an additional pre-rinse without detergent and without selecting a temperature. Laundry which has been pre-treated before washing must be thoroughly rinsed before running a wash program.

**Small loads**
- Reduce the amount of detergent dispensed according to the size of the load.

**Drum speed too high during the wash (Profitronic controls)**
- Reduce the drum speed and wash rhythm.

**Large items stretched during spinning**
Large items (e.g., tablecloths) can get stretched during spinning. This can mostly be prevented by reprogramming.

Please contact Customer Service.
Frequently asked questions

Service interval and DGUV display
If the following message appears in the machine display after “Power on”, either a service or the annual DGUV check must be carried out.

⚠️ Maintenance interval
Call Technical Service.

⚠️ DGUV test
Call Technical Service.

The display will go out after 5 seconds.

⚠️ Repairs to electrical or steam-heated machines must only be undertaken by a suitably qualified specialist. Incorrect repairs can cause considerable danger to users.

- Malfunctions occurring before or after the start of a program will be shown in the display.

The display remains dark. There is no power to the washing machine.

- Check the electrical plugs, power switch, and (on-site) fuses.

⚠️ Power failure
Program stop.
Press Start.

- Once the power has been restored, press the “START” button.

Tip: This error message can mean: The winding protection of the drive motor has been triggered.

- Allow the motor to cool down.

⚠️ Water intake fault
Call Technical Service if restart w/o success.

- Check the faucet and press the “START” button.
Frequently asked questions

Door lock fault
Call Technical Service if restart w/o success.

- Press firmly against the door handle until the door lock audibly engages and press the “START” button.

Heating system fault
Program stop. Press Start.
Program runs with cold water.

- Press the “START” button to continue the program without heating.
Tip: Disinfection programs will be canceled if this fault message appears.
- Contact Customer Service.

Drive motor fault
Program stop. Press Start.
Motor temperature too high.

- Allow the motor to cool down.

Imbalance fault
Call Technical Service if restart w/o success.

Too large an imbalance. The imbalance switch has been triggered.
- Switch the machine off and back on again and press the “START” button.

Drain valve fault
Call Technical Service if restart w/o success.

- Check the on-site drainage system and press the “START” button.
A defective drain valve must only be repaired by Customer Service.

Dispensing system fault
Fill dispensing container ???. Press Start.

- Change the dispensing canister.
Frequently asked questions

Card fault
Reinsert card correctly in card reader.

- Insert the card into the card reader correctly.
Customer Service

In the event of a malfunction, contact Customer Service.

When contacting Customer Service, please quote the model, serial number (SN), and material number (mat. no.) of your machine. This information can be found on the data plate. The data plate is visible above the porthole glass when the drum door is open, or on the back of the machine at the top:

<table>
<thead>
<tr>
<th>Model</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SN:</td>
<td>0 0 0 0 0 0 0 0</td>
</tr>
<tr>
<td>Art.-Nr.</td>
<td>Mat.-Nr.</td>
</tr>
<tr>
<td>IBN</td>
<td></td>
</tr>
</tbody>
</table>

Please also tell Customer Service the fault message that appears on the machine display.

**Use only original Miele parts.** Customer Service will also require the model, serial number (SN), and material number (mat. no.) when ordering.
Cleaning and care

- Carry out cleaning and maintenance of the washing machine after use if possible.

  Do not use a pressure washer or water jet to clean the washing machine.

- Clean the **machine casing, control panel, and plastic parts** with a mild, non-abrasive cleaning agent or with a soft, damp cloth only. Wipe dry with a soft cloth.

  Scouring agents will scratch the surface.

- Clean stainless-steel parts of the casing with a standard commercial stainless-steel cleaner.

- Remove any deposits from the door seal with a damp cloth.

  Cleaning agent can seep into electrical components.

- When disinfecting the surfaces, use a damp cloth only to clean the front and around the door lock. Do not spray any liquids.

  **Tip:** Heavy deposits of dust around the vents housing should be removed with a vacuum cleaner. The fan housing is located on the back of the machine.

**Build-up of rust**

The drum is made of stainless steel. Water containing iron or ferrous foreign objects (e.g., paper clips, iron knobs, or iron shavings), which are introduced with the laundry, can lead to rust formation in the drum. Clean the drum regularly in this case and if rust occurs, remove it immediately with a proprietary stainless-steel care product. Check the door seals for ferrous residues and clean thoroughly as described above. This must be carried out regularly.
Cleaning the detergent drawer, detergent compartments, and siphons

- Clean the detergent drawer and the detergent compartments thoroughly with hot water as required to remove detergent residues and incrustations.

- If the machine is not going to be used for a long time, leave the flap of the detergent drawer open.

- Also clean the siphons in the compartments for cleaning agents.

- Remove the siphon. Clean the siphon with hot water and reinsert it.
Cleaning and care

Cleaning the drip channel and siphon

- Open the flap on the detergent drawer to an angle of 45° and lift out the flap of the detergent drawer on the right side.

If the drip channel and associated drain connection are blocked, clean them.

- Check the vapor extraction grille on the rear of the machine for soiling from time to time and clean when necessary.

- The filters in the water intake valves (1) and the inlet hoses (2) must be checked for soiling from time to time and cleaned as necessary.
Drum shaft bearings

Once the service interval has been reached, the following message appears in the display:

⚠️ Drum bearing lubrication
Call Technical Service.

This message is removed by pressing the button. It appears after switching on the machine until the service technician has performed this work.

⚠️ Disconnect the machine from the electrical supply.

Use grease nipples to lubricate the drum shaft bearings with Ar- canol L 100 grease after approx. 1,000 operating hours.

Downtimes

If the machine is to be shut down for an extended period (4 weeks or more), grease the drum bearings in accordance with the maintenance instructions before shutting down the machine and rotate the drum a few revolutions. Repeat this drum rotation every 4 weeks to prevent bearing damage.
Meaning of the symbols on the data plate

- Model
- Serial number
- Item number
- Material number
- Voltage/frequency
- Control fuse
- Drive motor
- Drum data
- Drum diameter/drum depth
- Spin speed
- Drum volume/laundry dry weight
- Kinetic energy
- Ramp-up time
- Braking time
- Heating
- Designation/year of construction
- Commissioning date
- Electric heating
- Fuse (on site)
- Indirect steam heating
- Direct steam heating
- Gas heating
- Field for certification marks/identifiers

Sound emissions

A-weighted noise power level

<table>
<thead>
<tr>
<th></th>
<th>Washing</th>
<th>Spinning</th>
</tr>
</thead>
<tbody>
<tr>
<td>PW 6241</td>
<td>60 dB</td>
<td>82 dB</td>
</tr>
<tr>
<td>PW 6321</td>
<td>60 dB</td>
<td>80 dB</td>
</tr>
</tbody>
</table>

measured according to EN ISO 9614-2
The washing machine must be installed by a Miele service technician or by an authorized dealer.

⚠️ This washing machine is only intended for items of laundry that have not been proofed with dangerous or inflammable substances.

Remove packaging carefully with a suitable tool.

The washing machine must be level and secured to the floor (see the installation plan provided).

To avoid the risk of frost damage, the washing machine must not be located in rooms which may be subject to very low temperatures.

Do not place the washing machine on carpeted floors if the carpet may block the ventilation openings on the bottom of the casing.

**Shipping struts**

The fastening brackets “A” on the sides, 2 each on the left and right, for the transport crate are each fastened with one hexagon head screw and can be removed.

The shipping struts “B”, 2 x at the front and 2 x at the rear, are each secured with 3 hexagon head screws and must only be removed at the installation site before the washing machine is commissioned.

To do this, the machine’s service panel and rear panel need to be removed. Unscrew the hexagon head screws at the bottom of the front service panel and remove the panel. Unscrew the hexagon head screws on the rear panel and remove the panel.
The front plinth panel is screwed to the rear panel and the rear plinth panel is located under the machine cover and they are both to be mounted after installation. The screws for this are in the accessory pack.

Keep the struts in a safe place. They need to be reinstalled should the machine ever need to be moved again.

Transport the machine on a pallet truck inside the room.

Do not move the machine until all casing parts have been installed.

**Water connection**

Water connections

1. Cold water
2. Hot water
3. Hard water/cold water
4. Cold water for liquid dispensing

The connection to the supply line established in accordance with DIN 1988 must be made via a water shut-off valve. This installation may only be carried out by an authorized installation technician in accordance with local and national regulations.

- Regulations set out by the responsible water supplier or regional building regulations.

**Connection to the water inlet/drainage**

See the installation plan provided.
Water pressure (flow pressure) of a minimum of 14.5 psi (100 kPa)/maximum of 145 psi (1,000 kPa) is required to guarantee problem-free program operation.

The machine must be connected to the water supply using the inlet hoses provided.

Before attaching the inlet hoses to the machine, the filters and seals included in the accessory pack must be inserted.

Hoses must be replaced with hoses tested for a burst pressure of at least 1,015 psi (7,000 kPa) overpressure and for water temperatures of a minimum of 195°F (90°C). This also applies to the associated connection fittings. Miele original parts meet these requirements.

The hot water supply must not exceed a maximum temperature of 160°F (70°C).

**Connection to the cold water supply only**

In Germany, the machine must be connected to the water supply using the non-return valve provided.

According to national regulations for drinking water quality, with effect from March 21, 2021, a non-return valve to prevent backsiphoning must be installed between the faucet and the water inlet hose during commissioning on all machines in Germany. The non-return valve prevents water from the water inlet hose from flowing back into the on-site drinking water supply.
Installation

- Attach the non-return valve to the faucet.
- Attach the water inlet hose to the thread of the non-return valve.

**Dispensing-agent connection to the mixer compartment**

Connections 1 and 2 are provided for viscous agents. These connectors are sealed and need to be drilled open using an 8 mm drill bit.

Care must be taken to drill through the first wall (1) only, as there is a deflecting wall (2) 3/8” (10 mm) behind it.

If the drilled-out connections are no longer required, they must be re-sealed.
Connections 3 to 12 are provided for liquid dispensing. These connectors are sealed and must be cut to the diameter of the hose with a small saw. If opened connectors are no longer required, they must be resealed.
Installation

**Electrical connection**

The electrical connection must only be carried out by a suitably qualified electrician in accordance with local and national regulations.

When installing a residual current device (RCD), it must be Type B.

The electrical components of the machine PW 6241, PW 6321 comply with local codes.

Connection terminals are located behind a cover.

The machine is supplied ex-works for 3N AC 50–60 Hz. The voltage is stated on the data plate.

**Versions:**

<table>
<thead>
<tr>
<th>Version</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 AC 208 V 60 Hz</td>
<td>3 AC 220-240 V 60 Hz</td>
</tr>
<tr>
<td>3 AC 440 V 60 Hz</td>
<td>3 AC 480 V 60 Hz</td>
</tr>
<tr>
<td>2 AC 208 V 60 Hz</td>
<td>2 AC 220-240 V 60 Hz</td>
</tr>
</tbody>
</table>

For hard-wired machines, an all-pole means of deactivation must be provided on site. Switches with a minimum contact gap greater than 1/8" (3 mm) are suitable disconnectors. These include C/B, fuses, and contactors (VDE 0660).

The plug connector or disconnector must be easily accessible at all times.

If the machine is disconnected from the power supply, the disconnector must be lockable or the point of disconnection must be monitored at all times.

**Equipotential bonding**

An equipotential bond with good contact connection must always be provided in accordance with all national and local regulations.

The electric heating is set ex-works to 24 kW (PW 6241), 30 kW (PW 6321).

The minimum liquor level to activate the heater is 4 5/16" ( ) water column.

The motor is protected against overload by winding protection.
Please refer to the wiring diagram and installation plan provided. These plans are important for the electrical connection.

**Connecting the dispenser pumps**
Connection terminals for 4 time-controlled dispenser pumps, which can be operated without a multifunction module, are located behind the cover adjacent to the electrical connection. See enclosed wiring diagram.

**Steam connection**
The steam connection may only be carried out by an authorized installation technician. See the installation plan and installation instructions provided.
The steam valve and the condensate separator are available from Miele dealers or Miele Customer Service.

| Once the machine has been successfully installed and connected, reassemble all the casing parts that were removed. |

⚠️ Risk of electric shock and injury from live or rotating machine parts.
If the washing machine’s casing is not fully assembled, it is possible to come into contact with live or rotating machine parts.
Once the washing machine has been installed, completely reassemble all the casing parts that were removed.
Quick Start Guide

1. Preparing the laundry

Only machine wash items which have a care label stating that they are suitable for machine washing or for wet cleaning.

- Empty all pockets.

2. Switching on the machine and loading the laundry

- Switch on the washing machine with the I button.
- Pull the door handle to open the drum door.
- Unfold the laundry and load loosely into the drum. Mixing both large and small items gives better wash results and helps to distribute the load evenly during spinning.
- Close the drum door by pressing it until the pre-latch engages.

3. Adding detergent

There are three separate drawers for adding detergent.

- Add powder detergent to the I drawer for the main wash.
- Add detergent for the pre-wash to the I drawer if necessary.
- Add fabric softener to the front drawer if necessary.

Liquid bleaching agents must only be dispensed through the designated drawer.
4. Select a program by rotating the selector dial

5. Press the “START” button to start the selected wash program

If the message “Door lock error” appears, proceed as follows:

- Press firmly against the door handle until the door lock audibly engages.
- Press the “START” button.

6. The end of the program is indicated in the display

- Pull the door handle to open the drum door at the end of the program.
- Remove the laundry.

7. If no additional wash programs are planned:
   - Leave the drum door open.
   - Switch off the machine with the 0 “Power off” button.
Please have the model and serial number of your machine available when contacting Technical Service.

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