

**Miele**



Quick Start Guide  
Commercial tumble dryer  
PDR 510 EL  
Electrically heated

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To avoid the risk of accidents or damage to the machine, it is **essential** to read these instructions before it is installed and used for the first time.

en-GB

M.-Nr. 12 431 120

# Contents

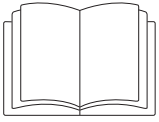
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## Warning and Safety instructions

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- ▶ It is essential to read these instructions.

### Extended documentation

This document contains essential information. You can access the full operating instructions and other up-to-date documentation for your appliance on the Miele website:

<https://www.miele.co.uk/professional/user-manuals-177.htm>



In order to access the documentation, you will need the model number or serial number for your appliance. This information can be found on the appliance's data plate.

This tumble dryer complies with all current local and national safety requirements. However, inappropriate use can lead to personal injury and damage to property.

Read the operating instructions carefully before using the tumble dryer. They contain important information on safety, installation, use and maintenance. This prevents both personal injury and damage to the tumble dryer.

In accordance with standard IEC 60335-1, Miele expressly and strongly advises that you read and follow the instructions in the chapter on installing the tumble dryer as well as the safety instructions and warnings.

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

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

When instructing other people how to use the tumble dryer, they must be made aware of these safety and warning instructions.

### Appropriate use

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

It is essential to read these operating instructions before using the tumble dryer for the first time. They contain important information for your safety, as well as information on using and maintaining the tumble dryer. This prevents both personal injury and damage to the machine.

- ▶ The tumble dryer is intended for installation in a commercial environment.
- ▶ This tumble dryer is only intended for drying fabrics which have been washed in a water solution, and marked on the manufacturer's care label as being suitable for tumble drying. "Dry cleaning kits" for freshening up garments in a tumble dryer are increasingly available on the market. If using, do so at your own risk, and follow the instructions provided on the packaging. Any other applications may be dangerous. Miele cannot be held liable for damage resulting from incorrect or improper use or operation.
- ▶ The tumble dryer is not intended for outdoor use.

## Warning and Safety instructions

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- ▶ The tumble dryer must not be used in a non-stationary location (e.g. on a ship).
- ▶ Do not install the tumble dryer in a room where there is a risk of frost. At temperatures around freezing point, the tumble dryer may not be able to operate properly. The permitted room temperature is between 2 °C and 40 °C.
- ▶ If the machine is used in a commercial environment it may only be operated by instructed/trained personnel. If the machine is used in a publicly accessible area, the supervisor must ensure that it can be operated safely without risk of danger.
- ▶ This appliance can only be used by people with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, if they are supervised whilst using it or have been shown how to use it in a safe way and understand and recognise the consequences of incorrect operation.
- ▶ Children under 8 years of age must be kept away from the tumble dryer unless they are constantly supervised.
- ▶ Children 8 years and older may only use the tumble dryer unsupervised if they have been shown how to use it safely and recognise and understand the consequences of incorrect operation.
- ▶ Children must not be allowed to clean or maintain the tumble dryer unsupervised.
- ▶ Please supervise children in the vicinity of the tumble dryer and do not let them play with it.
- ▶ This tumble dryer may also be operated in public areas.
- ▶ Any uses other than those listed above are prohibited. The manufacturer accepts no liability in such cases.

### Foreseeable misuse

- ▶ Do not make any alterations to the tumble dryer, unless authorised to do so by Miele.
- ▶ In the case of parts that have been sealed by Miele, the seals must not be broken. If these seals need to be broken in order to carry out a repair or conversion, they must be replaced following the inspection.
- ▶ Do not lean on the tumble-dryer door. Otherwise, the tumble dryer may tip over, causing injury to yourself or others.
- ▶ Do not use a pressure washer or water jet to clean the tumble dryer.
- ▶ The tumble dryer must be serviced in a timely and professional manner. Otherwise, there is a potential risk of loss in performance, faults and fire.
- ▶ Benzene, petrol, paraffin, or any easily flammable liquid must not be stored or used near the machine. Danger of explosion.
- ▶ Do not expose the dryer to air which is contaminated with vapour of chlorine, fluorine or other solvents. Danger of fire.
- ▶ To prevent the risk of fire, the following items must not be dried in this tumble dryer:
  - Items which have not been washed.
  - Items which have not been thoroughly cleaned and are still soiled with grease, oil or other deposits (such as kitchen linens or cosmetics cloths with cooking oils, grease, lotions, etc). If items have not been thoroughly cleaned, there is a danger that they might ignite when heated, even after they have been removed from the tumble dryer at the end of the programme.
  - Items (e.g. mops and floor cloths) that have been treated with inflammable cleaning agents or which contain residues of acetone, alcohol, benzene, petrol, kerosene, stain remover, turpentine, wax and wax remover or other chemicals.
  - Items which have been splashed with hair lacquer, hair spray, nail varnish remover or similar substances.

Wash heavily soiled items thoroughly by increasing the amount of detergent and selecting a high washing temperature. If in doubt, wash the items several times.

## Warning and Safety instructions

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- ▶ Danger of squashing or cutting fingers etc. around the drum door hinges and the fluff filter cover. Use the appropriate handles and release catches only.
- ▶ Always make sure that the drum is stationary before reaching in to remove laundry. Do not touch the drum whilst it is still rotating.
- ▶ In many programmes, the heating phase is followed by a cooling down phase to ensure that the items are not too hot to handle when you remove them (this also avoids the danger of the laundry self-igniting). The programme is not finished until the cooling down phase is complete. Ensure that you always wait until the end of the programme before removing the laundry.

### Technical safety

- ▶ This tumble dryer must only be set up and commissioned by a Miele Service technician or authorised Miele Service Dealer.
- ▶ Before installation check the tumble dryer for any obvious damage. A damaged tumble dryer must not be installed and/or used.
- ▶ Do not make any alterations to the tumble dryer, unless authorised to do so by Miele.
- ▶ Do not connect the tumble dryer to the power supply by an extension lead (fire hazard due to overheating).
- ▶ Do not operate the tumble dryer in a room where cleaning machines operate with solvents containing CFCs. During combustion, any vapours that are emitted will break down into hydrochloric acid, leading to consequential damage affecting laundry and the machine. Air exchange must not take place between rooms if machines are set up in separate rooms.
- ▶ Fire hazard due to controllable socket. This tumble dryer must not be connected to a controllable socket (e.g. a timer). There is a risk of the laundry self-igniting if the tumble dryer's cooling phase is interrupted.
- ▶ The electrical safety of this tumble dryer can only be guaranteed when correctly earthed. It is essential that this standard safety requirement is met. If in any doubt, please have the on-site wiring system tested by a qualified electrician. Miele cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).
- ▶ The tumble dryer is only electrically disconnected from the power supply, if
  - the plug has been disconnected from the socket.
  - it is switched off at the main switch, or the mains electrical fuse is disconnected (on site).
- ▶ The plug must be easily accessible so that the tumble dryer can be disconnected from the power supply at any time. The operator must be able to check from any access point that the plug is still removed.
- ▶ If the appliance is hard wired, adequate provision must be made on site to switch off all poles to disconnect the tumble dryer from the power supply.
- ▶ If the mains connection cable is faulty it must always be replaced by a Miele authorised technician to protect the user from danger.
- ▶ Tumble dryers with damage to the control panel or wire insulation must not be used until they have been repaired.
- ▶ Unauthorised repairs could result in unforeseen dangers for the user, for which Miele cannot accept liability. Repairs should only be undertaken by a Miele authorised technician, otherwise any subsequent damage will not be covered by the warranty.
- ▶ Faulty components may only be replaced by genuine Miele spare parts. Miele can only guarantee the safety standards of the appliance when Miele replacement parts are used.
- ▶ Only operate the tumble dryer when all removable outer panels are in place so that it is impossible to touch an electrical component or moving part.

## Warning and Safety instructions

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▶ During the drying process, the door glass and the frame around the drum door will get hot. Please be aware that the laundry may also be hot if it is removed from the tumble dryer before the end of the drying programme.

▶ To ensure the correct performance of the tumble dryer and to prevent the risk of faults and fire, it is important to carry out maintenance on a regular basis.

▶ In the event of a fault and for cleaning and maintenance purposes, the tumble dryer must be disconnected from the power supply. The tumble dryer is only disconnected from the power supply, if:

- It is switched off at the wall socket or the plug is withdrawn.
- The mains fuse is disconnected.
- The mains fuses have been completely removed.

▶ If the heater element malfunctions, accessible parts can get very hot.

▶ The tumble dryer must not be used in non-stationary installation sites (e.g. on a ship).

▶ Follow the instructions in “Installation” and “Technical data”.

▶ Only allow clean, fresh air to be fed into the tumble dryer. Air entering the machine must not contain vapours with chlorine, fluorine or other solvents.

▶ The tumble dryer may only be operated when the ducting has been installed and the room is sufficiently ventilated.

▶ The vent ducting must never be installed in any of the following flues or shafts:

- Chimneys or smokestacks that are in use.
- Shafts that are used to ventilate installation rooms with fireplaces.
- Flues that are used by third parties.

Smoke or exhaust gas that is fed back into the flue or shaft may be toxic.

▶ Regularly check all components in the vent ducting (e.g. wall pipe, external grille, bends, elbows, etc.) to make sure air can move through them and to ensure that they are working properly. Clean components when necessary. Fluff deposits in the vent ducting system will prevent the air from being extracted properly and, as a result, will stop the tumble dryer from working properly.

If existing vent ducting is due to be used, it must be checked before being connected to the tumble dryer.

Low pressure must not occur in the vent ducting.

▶ There is a risk of suffocation and poisoning due to exhaust gases being sucked back if gas-powered flow heaters, gas-powered room heaters, coal-burning stoves with a flue connection, etc., are installed in the same room, in the same flat or in neighbouring rooms and the negative pressure is 4 Pa or more.

The following measures for suitable room ventilation (examples) can help to prevent negative pressure in the installation area:

- Install suitably sized vents that cannot be closed in the exterior walls.

Please always seek approval from your building regulations inspector to confirm that the appliance can be operated without risk and that negative pressure of over 4 Pa can be prevented.

▶ If multiple tumble dryers are to be connected to one vent ducting, a non-return flap must be installed directly on the duct for each tumble dryer.

If this requirement is not observed, the tumble dryers may be damaged and their electrical safety could be affected.

▶ Follow the instructions in “Installation of the ducting”.

▶ Do not block the gap between the bottom of the tumble dryer and the floor with plinth facings, deep pile carpet etc.

▶ Ensure that no closeable door, sliding door or an oppositely hinged door is installed that would hinder the drum door being opened in any way.

## Warning and Safety instructions

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

### Correct use

► Do not damage, remove or bypass the safety features and control elements of the tumble dryer.

► Always close the drum door after each drying cycle. This will prevent:

- Children climbing into the tumble dryer or hiding things in it.
- Pets or other small animals climbing into the tumble dryer.

► Do not use a pressure washer or water jet to clean the tumble dryer.

► Keep the room where the tumble dryer is located free from dust and fluff. If the air that is taken into the machine contains dirt particles, this can cause blockages. A fault may then occur and there is a risk of fire.

► Never operate the tumble dryer without the fluff filter or with a damaged fluff filter. This could lead to malfunctions. Fluff can clog the air channels, heating elements and vent ducting, which could result in a fire. In this case, stop the tumble dryer immediately and replace the damaged fluff filter.

► The fluff filter must be cleaned on a regular basis.

► To ensure problem-free operation of the tumble dryer:

- Clean the surface of the fluff filter after each drying cycle.
- In addition, the fluff filter and the air passages must be cleaned when prompted by the display.

► To prevent the risk of fire, the following items must not be dried in this tumble dryer:

- Items which have not been washed.
- Items which have not been thoroughly cleaned and are still soiled with grease, oil or other deposits (such as kitchen linens or cosmetics cloths with cooking oils, grease, lotions, etc). If items have not been thoroughly cleaned, there is a danger that they might ignite when heated, even after they have been removed from the tumble dryer at the end of the programme.
- Items (e.g. mops and floor cloths) that have been treated with inflammable cleaning agents or which contain residues of acetone, alcohol, benzene, petrol, kerosene, stain remover, turpentine, wax and wax remover or other chemicals.
- Items which have been splashed with hair lacquer, hair spray, nail varnish remover or similar substances.

Wash heavily soiled items thoroughly by increasing the amount of detergent and selecting a high washing temperature. If in doubt, wash the items several times.

► Do not install the tumble dryer in a room where there is a risk of frost. At temperatures around freezing point, the tumble dryer may not be able to operate properly. The permitted room temperature is between 2 °C and 40 °C.

► Remove all items from the pockets of the laundry to be dried (e.g. lighters, matches, keys).

► In many programmes, the heating phase is followed by a cooling down phase to ensure that the items are not too hot to handle when you remove them (this also avoids the danger of the laundry self-igniting). The programme is not finished until the cooling down phase is complete. Ensure that you always wait until the end of the programme before removing the laundry.




## Warning and Safety instructions

- ▶ Fire hazard due to controllable socket. This tumble dryer must not be connected to a controllable socket (e.g. a timer). There is a risk of the laundry self-igniting if the tumble dryer's cooling phase is interrupted.
- ▶ The programme ends when the cooling phase starts. Many programmes are followed by the cooling phase to ensure that the items of laundry are kept at a temperature that will not cause them damage (for instance to prevent the risk of the laundry self-igniting). Always remove all items of laundry from the tumble dryer immediately after the cooling phase.
- ▶ Fabric conditioner and similar products must be used according to the instructions on the manufacturer's packaging.
- ▶ Benzine, petrol, paraffin, or any easily flammable liquid must not be stored or used near the machine. Danger of explosion.
- ▶ Do not expose the dryer to air which is contaminated with vapour of chlorine, fluorine or other solvents. Danger of fire.
- ▶ For tumble dryers with stainless steel surfaces:  
The stainless steel surfaces must not come into contact with liquid cleaning and disinfecting agents which contain chlorine or sodium hypochlorite. These agents can have a corrosive effect on stainless steel.  
Aggressive vapours containing chlorine can also be corrosive.  
Do not store containers of these agents near the tumble dryer.

### Accessories

- ▶ Accessory parts may only be fitted when expressly approved by Miele. If other parts are used, warranty, performance and product liability claims will be invalidated.
- ▶ The tumble dryer can also be combined with a Miele washing machine in a washer-dryer stack. The appropriate "WTV" stacking kit (available to order) to match your dryer is required.
- ▶ Make sure that you order the correct plinth for this tumble dryer (available from Miele as an optional accessory).

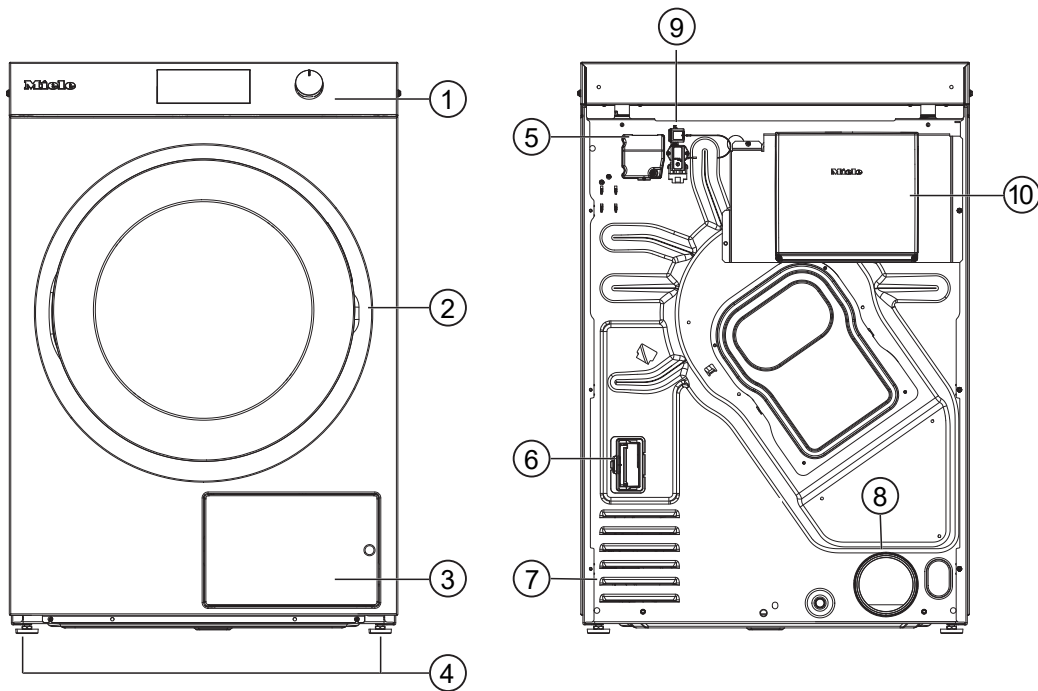
 Miele cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

### Decommissioning the tumble dryer

- ▶ Before disposing of a tumble dryer, render the door lock inoperable so that children cannot lock themselves in the machine by mistake and endanger their lives.

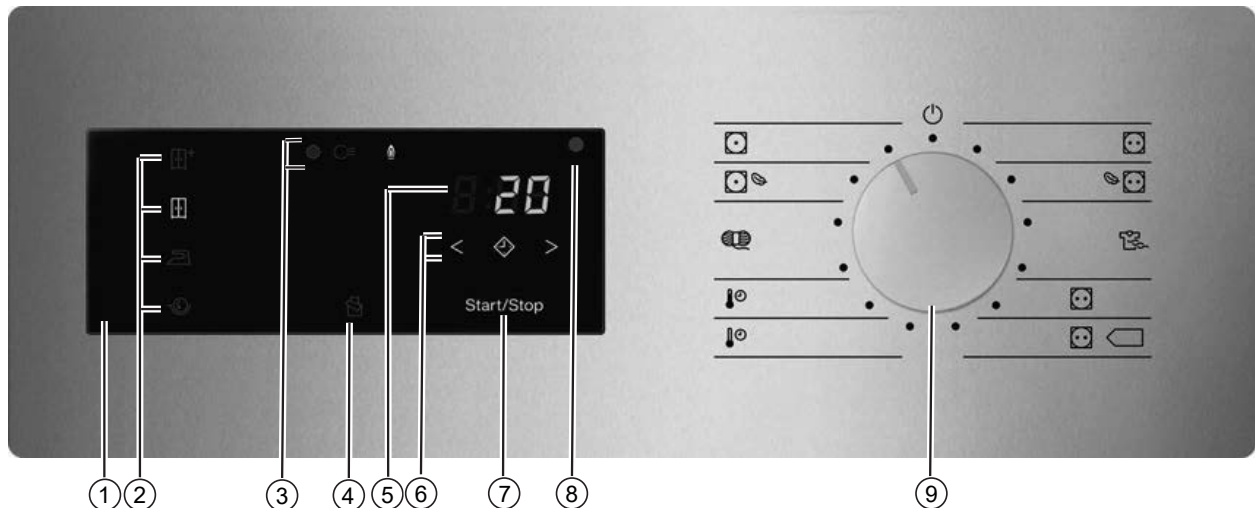
## Description of the machine

### PDR 510 (electrically heated)



- ① Control panel with rotary control
- ② Door
- ③ Fluff filter flap
- ④ 4 height-adjustable screw feet
- ⑤ Electrical connection
- ⑥ Communication module slot
- ⑦ Intake vents for drying air
- ⑧ Exhaust duct Ø 100 mm
- ⑨ Connection for communication box
- ⑩ Communication box (optional)  
For setting up a connection with external systems

## Machines with residual moisture control (ROP)



① **Control field**

② **Sensor controls for the drying levels**

③ **Status displays**   
Light up when necessary.

④ **sensor control**

Activates the Intermittent fan operation to perfectly dry light fabrics, e.g. bed linen and cloths. The function is deactivated as a factory default setting and can only be activated and set by the Miele Customer Service Department.

⑤ **Time display 8:88**

Displays the remaining programme running time in hours and minutes.

⑥ **sensor controls**

For the Delay start function. After touching the sensor control, a later start time for the programme (Delay start) can be selected. The sensor control lights up brightly when selected.

The duration of the Delay start period is selected by touching the or sensor control.

⑦ **Start/Stop sensor control**

For starting the selected drying programme and cancelling a programme once it has started. The programme selected can be started as soon as the sensor control starts flashing.

⑧ **Optical interface**

Used for data transfer by the Customer Service Department.

⑨ **Programme selector**

For selecting programmes and for switching the machine off. The tumble dryer is switched on when you select a programme and switched off by turning the programme selector to the position.














### Drying levels

- sensor control = "Normal plus"
- sensor control = "Normal"
- sensor control = "Hand iron"
- sensor control = "Machine iron"
- sensor control: "Duvets" function

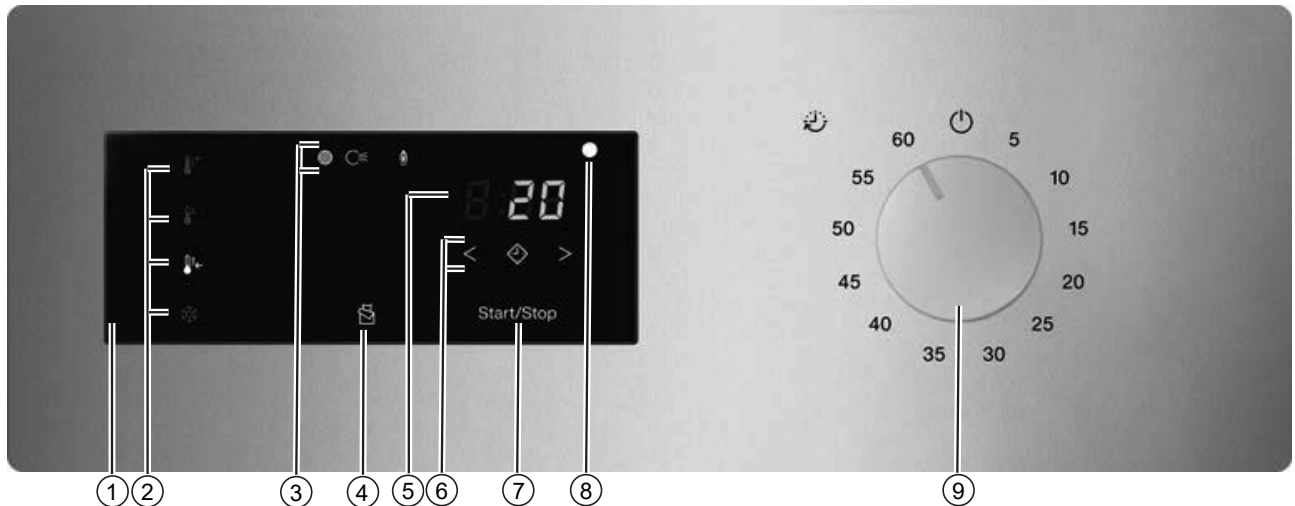
## Operating the tumble dryer










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### Drying programmes





-  position = "Cottons" programme  
For drying cotton and linen fabrics.
-  position = "Cottons Low temperature" programme  
For drying delicate cotton and linen fabrics.
-  position = "Synthetics/Delicates" programme  
For drying synthetic fibres and artificial silk to 20 % residual moisture.
-  PRO position = "Label programme" programme
-   position = "Label programme" programme
-  position = "Timed drying cool air" programme  
For airing fabrics with 10 minutes of drying time.
-  position = "Timed drying warm air" programme  
For drying fabrics at high temperatures and with 20 minutes of drying time
-  position = "Woollens" programme  
For drying woollens with 5 minutes of drying time.
-   position = "Minimum iron Low temperature" programme
-  position = "Minimum iron" programme
-  position = machine off

## Machines with time control (TOP)



- ① **Control field**
- ② **Sensor controls for the drying levels**
- ③ **Status displays**     
Light up when necessary.
- ④  **sensor control**  
Activates the Intermittent fan operation to perfectly dry light fabrics, e.g. bed linen and cloths. The function is deactivated as a factory default setting and can only be activated and set by the Miele Customer Service Department.
- ⑤ **Time display 8:20**  
Displays the remaining programme running time in hours and minutes.
- ⑥   **sensor controls**  
For the Delay start function. After touching the  sensor control, a later start time for the programme (Delay start) can be selected. The  sensor control lights up brightly when selected.  
The duration of the Delay start period is selected by touching the < or > sensor control.
- ⑦ Start/Stop **sensor control**  
For starting the selected drying programme and cancelling a programme once it has started. The programme selected can be started as soon as the sensor control starts flashing.
- ⑧ **Optical interface**  
Used for data transfer by the Customer Service Department.
- ⑨ **Time selector**  
For selecting times and for switching the machine off. The tumble dryer is switched on when you select a time and switched off based on the position of the time selector .


## Drying levels (TOP)

-  sensor control = "high" temperature setting
-  sensor control = "medium" temperature setting
-  sensor control = "low" temperature setting
-  sensor control = "cool" temperature setting

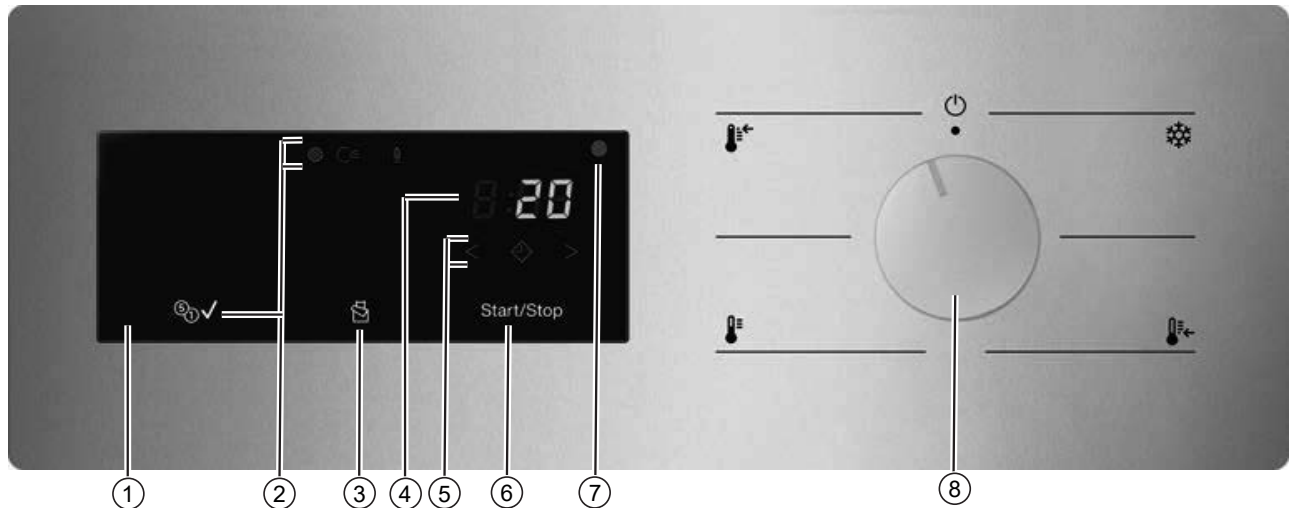
## Operating the tumble dryer

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### Timed programmes

- 5 position = Timed drying: 05 minutes
- 10–55 position = Timed drying: 10–55 minutes
- 60 position = Timed drying: 60 minutes
-  position = machine off

## Machines with payment systems (COP)



① **Control field**

② **Status displays** 🌐 ⏸ 🔥 ✓  
Light up when necessary.

③ **sensor control**  
Activates the Intermittent fan operation to perfectly dry light fabrics, e.g. bed linen and cloths. The function is deactivated as a factory default setting and can only be activated and set by the Miele Customer Service Department.

④ **Time display 8:88**  
Displays the remaining programme running time in hours and minutes.

⑤ **< > sensor controls**  
For the Delay start function. After touching the ⏸ sensor control, a later start time for the programme (Delay start) can be selected. The ⏸ sensor control lights up brightly when selected.  
The duration of the Delay start period is selected by touching the < or > sensor control.

⑥ **Start/Stop sensor control**  
For starting the selected drying programme and cancelling a programme once it has started. The programme selected can be started as soon as the sensor control starts flashing.

⑦ **Optical interface**  
Used for data transfer by the Customer Service Department.

⑧ **Temperature setting selector**  
For selecting temperature settings and for switching the machine off. The tumble dryer is switched on when you select a temperature setting and switched off at temperature selector setting ⏻.

### Drying programmes

- ❄️ position range = cool temperature setting  
For airing fabrics.
- 🌡️ position range = “low” temperature setting  
For drying delicates made from artificial silk or synthetic fibres.
- 🌡️ position range = “medium” temperature setting  
For drying easy-care synthetics and mixed fibres.

## Operating the tumble dryer

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- 🔥 position range = “high” temperature setting  
For drying cotton and linen fabrics.
- ⏻ position = machine off



## How the control field works

The sensor controls react to fingertip contact. If a sensor control is lit, it can be selected.





If a sensor control is brightly lit, this means it is currently selected.

If a sensor control is dimly lit, this means it can be selected.





## Sensor controls for the drying levels

After selecting a drying level programme with the programme selector, the recommended drying level lights up. Drying levels that can be selected are dimly lit.





### Drying levels

-  sensor control = "Normal plus"
-  sensor control = "Normal"
-  sensor control = "Hand iron"
-  sensor control = "Machine iron"





### Drying levels (TOP)

-  sensor control = "high" temperature setting
-  sensor control = "medium" temperature setting
-  sensor control = "low" temperature setting
-  sensor control = "cool" temperature setting

### Drying levels in payment system operation

-  sensor control = "high" temperature setting
-  sensor control = "medium" temperature setting
-  sensor control = "low" temperature setting
-  sensor control = "cool" temperature setting

## Indicators

-  indicator light: lights up when the fluff filter needs cleaning.
-  indicator light: lights up if a fault is present in the ducting.
-  indicator light (machines with payment system only): lights up when payment has been made.
-  time display: the remaining programme running time is displayed in hours and minutes. With most programmes, the duration displayed may vary or "jump". The following factors, among others, affect the programme duration displayed: the quantity of laundry, the type of fabric and the residual moisture in the laundry. The electronic module adapts to these parameters and then adjusts the programme duration with increasing accuracy.

# Drying

## 1. Notes on correct laundry care

### Washing before drying

Heavily soiled laundry must be washed particularly thoroughly. Use sufficient detergent and select a high wash temperature. If in doubt, wash the items several times.

The tumble dryer must not be used for drying items of laundry which have been cleaned using industrial chemicals.

New and coloured items must be washed thoroughly and separately. Do not dry new and coloured items with light coloured garments. There is the risk of colours running and discolouring other garments or even plastic components in the tumble dryer. Dark coloured fluff can also settle on light coloured garments and vice versa.

### Removing foreign objects

Before drying, ensure that there are no foreign objects in the laundry.

⚠ Damage due to foreign objects which were not removed from the laundry.

Foreign objects in the laundry can melt, burn or explode.

Ensure that any foreign objects (e.g. detergent dispensing aids, lighters, etc.) have been removed from the laundry.








Check seams and stitching to ensure that the items of laundry are intact. This way you will avoid the danger of fillings coming out and causing a fire. Sew in or remove underwiring from bras.

⚠ Risk of fire due to incorrect use and operation.

The laundry can burn and destroy the tumble dryer and the surroundings.

See the section on “Warnings and safety notes” for further information.

### Care symbols

Drying	
	Normal/higher temperature
	Low temperature*
* Select Low temperature.	
	Do not tumble dry
Ironing	
	Very hot
	Hot
	Warm
	Do not iron

## 2. Loading the tumble dryer

### Loading laundry into the tumble dryer

Textiles may be damaged.  
Before loading, read chapter “1. Notes on correct laundry care” first.

- Open the door.

- Load laundry into the tumble dryer.

Risk of damage with laundry getting trapped.  
Laundry can be damaged by getting trapped when closing the door.  
When closing the door, make sure that laundry does not get trapped in the door opening.

Do not overload the drum. Overloading can cause unnecessary wear and tear to the laundry and cause a disappointing drying result. It can also cause more creasing.


## Closing the door

⚠ Damage caused by laundry getting trapped.  
Laundry can be damaged by getting trapped when closing the door.  
When closing the door, make sure that laundry does not get trapped in the door opening.

- Shut the door gently.

## 3. Selecting a programme

### Selecting a programme

The tumble dryer is switched on by selecting a programme and switched off by turning the programme selector to the  position.

- Turn the programme selector to the required programme.

A drying level may also light up and durations will appear in the time display.

### Drying level for programmes with a selectable drying level

The pre-set drying level can be changed if required.

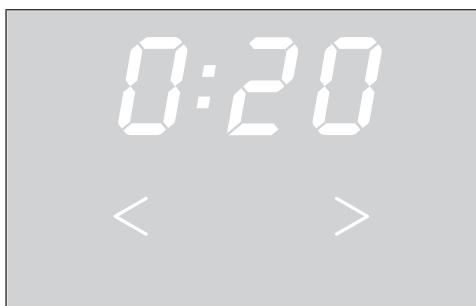
- Touch the sensor control for the drying level you want. It then lights up brightly.

The drying levels that are available for selection depend on the selected programme.

### Time-controlled and other programmes

Warm air

You can set the duration in one-minute increments from 0:20 minutes to 2:00 hours.



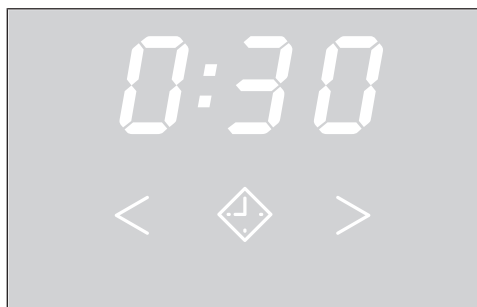
- Touch the < or > sensor control repeatedly until the required programme running time appears in the time display.



The drying result is preset by the tumble dryer and cannot be altered.

# Drying

## Selecting the Delay start function

With Delay start, you can delay the start of a programme from 0:30 minutes up to 24h (hours).



- Touch the  sensor control.  
 lights up brightly.
- Touch the > or < sensor control repeatedly until the required Delay start time appears in the time display.


**Tip:** The time will count upwards or downwards automatically if you touch the > or < sensor controls continuously.

## Changing the Delay start time

- Touch the *Start/Stop* sensor control.
- Touch the > or < sensor control repeatedly until the required Delay start time appears in the time display.
- Touch the *Start/Stop* sensor control.

The Delay start function continues to count down.

## Cancelling/deleting Delay start

- Turn the programme selector to the  position. Alternatively, you can also cancel Delay start by opening the door.

## Delay start count-down

- Delay start times of more than 10h will count down in hours and then in minutes until the start of the programme.
- The drum will turn briefly every hour until the start of the programme to reduce laundry creasing.

#### 4. Starting a programme

##### Starting a programme

- Touch the flashing *Start/Stop* sensor control.

The *Start/Stop* sensor control will light up.

##### Programme sequence

- If Delay start has been selected, the Delay start time will start to count down first.
- The programme starts.

Laundry items and fabrics can wear out unnecessarily.  
Avoid overdrying the laundry.

##### Energy saving

After a programmed time, the indicators dim. The *Start/Stop* sensor control flashes slowly.

- Touch the *Start/Stop* sensor control to switch the indicators back on.

Energy saving for the indicators will not affect a running programme.

- The laundry is cooled before the end of the programme in line with the setting in the programmable function.

#### 5. Unloading laundry from the tumble dryer

##### End of the programme

The tumble dryer can be configured so that a buzzer sounds at the end of the programme.

At the end of the programme (0:00 is indicated on the time display), the laundry has cooled down and can be removed.


If *Anti-crease* has been selected, the drum keeps rotating at intervals. This reduces creasing if the laundry cannot be removed straight away.

The tumble dryer will switch off automatically after the programmed time after the end of a programme.

##### Removing the laundry

- Open the door.
- Remove everything from the drum.

Items left in the tumble dryer could be damaged by overdrying when the tumble dryer is used the next time.  
Always remove all items from the drum.






- To switch off the tumble dryer, turn the rotary control to the  position.

##### Care notes

This tumble dryer requires regular maintenance, particularly if it is used on a continuous basis. Please see “Cleaning and care” for details.









# Programme overview

## “Label” programme package

Programme name	Suitable fabrics	Selectable drying levels (residual moisture in %)	Activatable extras	Load size
 Cottons 	Cotton items with normal residual moisture	<ul style="list-style-type: none"> <li>- Machine iron (40 %)</li> <li>- Hand iron (25 %)</li> <li>- Normal (0 %)</li> <li>- Normal plus (-2 %)</li> </ul>	-  Anti-crease*	10 kg
 Cottons PRO	Cotton items with normal residual moisture	<ul style="list-style-type: none"> <li>- Machine iron (40 %)</li> <li>- Hand iron (25 %)</li> <li>- Normal (0 %)</li> <li>- Normal plus (-2 %)</li> </ul>	-  Anti-crease*	

\* If the extra is activated in the programmable function at supervisor level.

## “Standard” programme package

Programme name	Suitable fabrics	Selectable drying levels (residual moisture in %)	Activatable extras	Load size
 Cottons	Single and multi-layer cotton/linen items	<ul style="list-style-type: none"> <li>- Machine iron (40 %)</li> <li>- Hand iron (25 %)</li> <li>- Normal (0 %)</li> <li>- Normal plus (-2 %)</li> </ul>	- (☞) *Anti-crease	10 kg
 Minimum iron	Minimum iron fabrics made of synthetic, cotton or mixed fibre	<ul style="list-style-type: none"> <li>- Hand iron (20 %)</li> <li>- Normal (2 %)</li> <li>- Normal plus (0 %)</li> </ul>	- (☞) Anti-crease*	4 kg
 Woolens	Woollen items	-	-	2 kg
 Delicates	Delicate synthetic, cotton or mixed fibre fabrics	<ul style="list-style-type: none"> <li>- Hand iron (20 %)</li> <li>- Normal (2 %)</li> <li>- Normal plus (0 %)</li> </ul>	- (☞) Anti-crease*	
 Timed drying cool air	Fabrics that need airing	-	- (☞) Anti-crease*	4 kg
 Timed drying warm air	For drying small loads or for airing individual items	-	- (☞) Anti-crease*	
 Cottons Low temperature	For drying small loads or for airing individual items	<ul style="list-style-type: none"> <li>- Machine iron (40 %)</li> <li>- Hand iron (25 %)</li> <li>- Normal (0 %)</li> <li>- Normal plus (-2 %)</li> </ul>	- (☞) Anti-crease*	
 Minimum iron Low temperature	Items suitable for tumble drying for which mechanical stress should be avoided.	<ul style="list-style-type: none"> <li>- Hand iron (20 %)</li> <li>- Normal (2 %)</li> <li>- Normal plus (0 %)</li> </ul>	- (☞) Anti-crease*	


\* If the extra is activated in the programmable function at supervisor level.



## Changing the programme sequence

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### Changing a programme once it has started

You cannot change to another programme once a programme has started (this prevents unintentional alterations). You will need to cancel the current programme before you can select a new one.


 Risk of fire due to incorrect use and operation.  
The laundry can burn and destroy the tumble dryer and the surroundings.  
See the section on “Warning and safety” for further information.

If you adjust the programme selector, the  symbol will light up in the time display. The  symbol goes out when you select the original programme.

### Cancelling the current programme

- Touch the *Start/Stop* sensor control for more than 2 seconds.


If the programme has ended or has been cancelled and the laundry temperature is high enough, the items will be cooled down.

If you press the *Start/Stop* sensor control again during the cooling phase,  will light up.

- Open the door.

### Adding laundry

- Open the door.

 Risk of burns by touching hot laundry in the tumble dryer drum.  
The laundry and the tumble dryer drum are still hot and can cause burns if they are touched.  
Let the laundry cool down and remove it carefully.

- Add the laundry.
- Close the door.
- Start the programme.

### Adding laundry during ongoing Delay start period

You can open the door to add or remove laundry.

- All programme settings will be saved.
- You can change the drying level, if required.

- Open the door.
- Add or remove laundry.
- Close the door.
- Touch the *Start/Stop* sensor control so that the Delay start period continues.

### Time left

Altering the programme sequence can cause the programme duration shown in the display to be adjusted.



### Fault diagnosis

Message	Cause and remedy
<b>The display remains dark.</b>	There is no power to the tumble dryer. <ul style="list-style-type: none"> <li>■ Check the mains plug, main switch and fuses (on site).</li> </ul>
Problem	Cause and remedy
<b>Condensate is escaping from an unexpected location.</b>	The drain is dirty. <ul style="list-style-type: none"> <li>■ Inspect the drain and remove any soiling if necessary. The drain can be accessed via the rear service panel in the floor area.</li> </ul>
<b>The efficiency of the tumble dryer decreases.</b>	The fluff filter in the tumble dryer is dirty. <ul style="list-style-type: none"> <li>■ Check the fluff filter in the tumble dryer for contamination and clean it if necessary.</li> </ul>
	Insufficient ventilation <ul style="list-style-type: none"> <li>■ Make sure that the air intake vent and the tumble dryer ducting are not covered or blocked by objects.</li> </ul>
	Room temperature too high (>45 °C) <ul style="list-style-type: none"> <li>■ Ensure adequate ventilation of the installation site.</li> <li>■ If necessary, connect the tumble dryer to external fresh air and exhaust air ducting.</li> </ul>
<b>Feather-filled pillows smell after drying.</b>	Feathers tend to develop a build-up of their own smell or smells from other sources when they are heated. <ul style="list-style-type: none"> <li>■ Smells can be reduced through natural ventilation after drying.</li> </ul>
<b>Items made of synthetic fibres are charged with static electricity after drying.</b>	Synthetic fibres tend to attract static charge. <ul style="list-style-type: none"> <li>■ Static charge can be reduced by adding a fabric softener to the final rinse in the washing programme.</li> </ul>
<b>There is a build-up of fluff.</b>	Fluff is principally the result of friction when garments are being worn and to some extent when they are being washed. Machine drying hardly causes any fluff to form and has no appreciable effect on the lifetime of the fabric. Fluff is collected by the fluff filters and fine filter and can be easily removed <ul style="list-style-type: none"> <li>■ (see “Cleaning and care”).</li> </ul>
<b>The drying process goes on too long or even switches off.</b>	In some circumstances, you may be asked to clean the air channels/air guide. <ul style="list-style-type: none"> <li>■ Please check all the possible causes described below.</li> </ul>
	The fluff filter is clogged with fluff. <ul style="list-style-type: none"> <li>■ Remove the fluff.</li> </ul>
	The air guide area is clogged with hair and fluff, for example. <ul style="list-style-type: none"> <li>■ Clean the air guide area.</li> </ul>


## Problem solving guide

Problem	Cause and remedy
	<ul style="list-style-type: none"> <li>■ You can remove the cover in the loading area to clean the air guide area underneath.</li> </ul>
	<p>The vent ducting or its openings are clogged with hair and fluff, for example.</p> <ul style="list-style-type: none"> <li>■ Check and clean all components in the vent ducting (e.g. wall pipe, external grille, bends, elbows, etc.).</li> </ul>
	<p>The flow of air is insufficient (e.g. because it is installed in a small room).</p> <ul style="list-style-type: none"> <li>■ When drying, open a door or window to ensure sufficient ventilation.</li> </ul>
	<p>The laundry has not been spun sufficiently.</p> <ul style="list-style-type: none"> <li>■ Make sure that your laundry is thoroughly spun at the appropriate spin speed in the washing machine.</li> </ul>
	<p>The tumble dryer has been overloaded.</p> <ul style="list-style-type: none"> <li>■ Do not exceed the maximum load size for the drying programme selected.</li> </ul>
	<p>Metallic components, e.g. zips, have prevented the tumble dryer from registering the correct laundry moisture level.</p> <ul style="list-style-type: none"> <li>■ Open any zips next time.</li> <li>■ If the problem occurs again, dry garments with long zips using the hot air drying programme.</li> </ul>
<p><b>Condensation is forming in the drum.</b></p>	<p>The tumble dryer is installed on a shared exhaust air duct.</p> <ul style="list-style-type: none"> <li>■ The tumble dryer must always be installed with a non-return flap when using a combined line.</li> <li>■ Check the non-return flap for possible defects on a regular basis and replace the flap if necessary.</li> </ul>

## Pairing instructions





Follow the steps below to connect the tumble dryer to your network.

### Opening the Supervisor level

- Switch on the appliance by turning the rotary control from the  position to any other position.
- Open the door of the tumble dryer.
- Press and hold the start/stop sensor control while you close the door.
- Keep pressing the start/stop sensor control until start/stop flashes and then lights up permanently.

You are now in the Supervisor level.

### Establishing the local network connection via WPS

- On the supervisor level, select *PS1* using the < or > arrow buttons.
- Then select the internal communication module *-01* using the < or > arrow buttons.
- Confirm with the start/stop sensor control.
- Restart the tumble dryer by turning the rotary control to the  position.
- Switch the appliance on again by turning the rotary control from the  position to any other position.
- Press and hold the  sensor control for 4 seconds until *APP* appears on the display.
- Then press and hold the  sensor control for 2 seconds until *WPS* appears on the display.

A timer will then start.




- Press the WPS button on your router within the specified time.

The network connection via WPS is being established.

The appliance is now successfully connected.

### Establishing a temporary network connection via soft AP

The network connection via soft AP is only possible if the tumble dryer is not already connected to a network.

- On the supervisor level, select *PS1* using the < or > arrow buttons.
- Then select the internal communication module *-01* using the < or > arrow buttons.
- Confirm with the start/stop sensor control.
- Restart the tumble dryer by turning the rotary control to the  position.
- Switch the appliance on again by turning the rotary control from the  position to any other position.
- Press and hold the  sensor control until *APP* appears briefly on the display.

A timer will then start. The tumble dryer now opens the soft AP for 10 minutes.

- Establish the connection with the Device Connector in Miele MOVE.

Once a connection is established, dots flash in the *A.P.P* word.

Then continue with the Device Connector in Miele MOVE.

# Connectivity

## Establishing the network connection using a LAN cable

The optional XKM 3200 WL PLT communication module is required for wired network connection.

- On the supervisor level, select *P91* using the < or > arrow buttons.
- Then select the COM module *-02* using the < or > arrow buttons.
- Confirm with the start/stop sensor control.
- Connect the appliance to your router/switch using the network cable. The router/switch must be connected to the Internet.

The appliance is now successfully connected.

## Technical data

### System requirements for WiFi

- WiFi 802.11b/g/n
- 2.4 GHz band
- WPA/WPA2 encryption
- DHCP activated
- Multicast DNS / Bonjour / IGMP snooping activated
- Ports 443, 80, 53 and 5353 open
- IP DNS server = IP standard gateway/router
- Mesh/repeater use: same SSID and password as standard gateway/router
- SSID must be permanently visible



### System requirements for LAN

- DHCP activated
- Multicast DNS / Bonjour / IGMP snooping activated
- Ports 443, 80, 53 and 5353 open
- IP DNS server = IP standard gateway/router


### WiFi signal strength – Guide values

The WiFi signal strength is only a rough guide. These details do not provide absolute certainty.

The WiFi signal strength can be read via the MDU or directly on the appliance.

WiFi signal strength		Meaning
MDU		
76–100 %	3/3**	Generally, reliable operation possible
51–75 %	2/3	
26–50 %	1/3	Generally, operation possible
1–25 %	0/3	Generally, reliable operation not possible
0 %		Operation not possible

\* Displayed on the appliance

\*\* Number of bars  3/3–0/3

The signal strength can be adversely affected by many factors:

- People in the room

- Open or closed doors
- Moved objects
- Varying radio signal sources or interference
- Other appliances with Bluetooth or WiFi wireless technology

## Optional accessories

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► Accessory parts may only be fitted when expressly approved by Miele. If other parts are used, warranty, performance and product liability claims will be invalidated.

### Communication box

The optional communication box allows external hardware from Miele and other suppliers to be connected to the Miele Professional machine. External hardware includes, e.g. payment system, peak-load system, pressure sensor or an external vent flap.

The communication box is supplied with mains voltage by the Miele Professional machine. The separately available set consists of the communication box and fasteners for installation on the machine or on the wall.

### XKM 3200 WL PLT

The optional Miele communication module can be used to establish a data connection between a Miele Professional machine and a data processor in accordance with the Ethernet or WiFi standard.

This communication module fits into the communication slot which is a standard feature on all machines. The communication module offers the option of intelligent app-based communication with external systems (such as central smart payment terminals or payment systems). In addition, it can display detailed machine and programme status information. This module forms the basis for wired communication with Miele MOVE.

It is not possible to integrate the machine into the “Miele@home” app for domestic installations.

The communication module is intended exclusively for commercial use and is supplied with mains voltage directly via the Miele Professional machine. No additional power connection is required. The Ethernet interface provided via the communication module complies with SELV (safety extra low voltage) requirements in accordance with EN 60950. Connected external machines must also comply with SELV.

### Data protection and data security

When you activate the networking function and connect your machine to the Internet, your machine sends the following data to the Miele Cloud:

- Machine serial number
- Machine model and technical features
- Machine status
- Information about the software status of your machine

Initially, this data cannot be assigned to a specific user and is not saved permanently. Data cannot be saved permanently or assigned to a specific user until after you have linked your machine to a user. Data transmission and processing are governed by Miele's strict security standards.

### Factory default settings for network configuration

You can reset all of the settings on the communication module or your integrated WiFi module to the factory default settings. The network configuration should be reset whenever a machine is being disposed of or sold, or if a used machine is being put into operation. This is the only way to ensure that all personal data has been removed and the previous owner will no longer be able to access the machine.

### Copyright and licences

For the purpose of operating and controlling the communication module, Miele uses proprietary or third-party software that is not covered by open source licensing terms. This software/these software components are protected by copyright. The copyrights held by Miele and third parties must be respected.

Furthermore, this communication module contains software components which are distributed under open source licence conditions. The open source components contained in the machine along with the corresponding copyright notices, copies of the licensing terms valid at the time and any further information can be accessed locally by IP using a web browser (*<https://<IP address>/Licenses>*). The liability and warranty arrangements for the open source licences displayed in this location only apply in relation to the respective rights holders.

### Payment system

The tumble dryer has the option of being controlled by a payment system (e.g. for operation in self-service laundrettes). Payment systems for cash-free transactions and payment systems with mechanical or electronic coin validator are available from Miele as optional accessories for individual target groups.

<p>The programming required for connecting a payment system must be carried out by Miele Service or an authorised Miele dealer only. An external power supply is not required for a payment system.</p>
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# Technical data

## Technical data

	PDR 510 EL
Height	1020 mm
Width	700 mm
Depth	763 mm
Depth with door open	1293 mm
Drum volume	250 l
Maximum load size (dry weight)	10 kg
Supply voltage	See data plate
Fuse rating (on site)	See data plate
Power rating	See data plate
Test certifications awarded	See data plate
Product safety standard	EN/IEC 60335-1; EN 50570; IEC 60335-2-11
Sound pressure level, EN ISO 11204	50 dB (A) re 20 µPa
Sound power level, EN ISO 9614-2	58 dB (A)
Permitted room temperature	2–40 °C
Frequency range	2.4000–2.4835 GHz
Maximum transmission power	< 100 mW

## EU declaration of conformity

Miele hereby declares that this PT 013 tumble dryer complies with Directive 2014/53/EU. The complete text of the EU declaration of conformity is available from one of the following Internet addresses:

- Under “Products”, “Download” at [www.miele.de/professional/index.htm](http://www.miele.de/professional/index.htm)
- Or go to <http://www.miele.de/professional/gebrauchsanweisungen-177.htm> and enter the name of the product or the serial number

## UK declaration of conformity

UKCA mark (UK only) The Supply of Machinery (Safety) Regulations 2008

This **Statement of Compliance** confirms this Miele product fully complies with the **Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023**.

- 1) Professional Appliance – *Tumble Dryer, commercial PT011, PT012, PT016, PT018*
- 2) Manufactured by: Miele & Cie KG, *PT013, PT014, PT015, PT017*  
Carl Miele Street 29, 33332 Gutersloh Germany  
Imported by and contact point: Miele Company Ltd, Fairacres, Marcham Road, Abingdon, Oxon, OX14 ITW Great Britain
- 3) The defined support period at the time of first supply is 10 years
- 4) To report vulnerabilities and cybersecurity issues please contact: [psirt@miele.com](mailto:psirt@miele.com)
- 5) Signature   
Name: **Paul Wright**  
Company Position: **Head of Technical Management**  
Date of signature: **19th March 2024**  
Place of signature: **Abingdon, Oxfordshire**





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