



## Operating instructions Heat pump dryer PT 8203 SL WP

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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.

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## Caring for the environment

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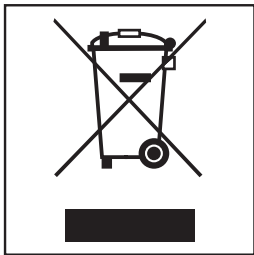
### Disposal of the packing material

The packaging is designed to protect the appliance from damage during transportation. The packaging materials used are selected from materials which are environmentally friendly for disposal and should be recycled.

Recycling the packaging reduces the use of raw materials in the manufacturing process and also reduces the amount of waste in landfill sites.

### Disposing of your old appliance

Electrical and electronic appliances often contain valuable materials. They also contain specific materials, compounds and components, which were essential for their correct function and safety. These could be hazardous to human health and to the environment if disposed of with your domestic waste or if handled incorrectly. Please do not, therefore, dispose of your old appliance with your household waste.



Please dispose of it at your local community waste collection / recycling centre for electrical and electronic appliances, or contact your dealer or Miele for advice. You are also responsible for deleting any personal data that may be stored on the appliance being disposed of. Please ensure that your old appliance poses no risk to children while being stored prior to disposal.

### Tips for saving energy

This heat-pump tumble dryer offers the latest technological features. These help reduce its energy consumption during drying by about 50 % compared to the energy consumption of conventional electrically heated tumble dryers.

The following tips will help you to make further savings in energy consumption:

- Make sure your laundry is spun in the washing machine at the maximum spin speed.
- Carry out the final rinse in the washing machine with hot water. This results in a lower residual moisture content and increased residual heat in the laundry after washing. This reduces the time required for drying and thus saves energy.
- Sort the laundry:
  - by fibre and weave,
  - by the required level of drying,
  - by residual moisture.
- Dry the maximum amount specified for the drying programme whenever possible. Energy consumption is more economical for a full load. Partial loads are not economical. Over loading the drum hampers drying results and affects the finish.
- The drying process is more efficient with a clean fluff filter and heat-exchanger. This reduces the time it takes to dry the laundry as well as the amount of energy required.
- Ensure sufficient room ventilation.

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## Warning and Safety instructions

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.

### Appropriate use

- ▶ This tumble dryer is intended only for use in a commercial environment.
- ▶ This tumble dryer must only be operated by expert staff or trained personnel.
- ▶ If the tumble dryer is to be operated in an area accessible to the public, the supervisor must ensure that it can be operated safely without risk of danger to others.
- ▶ This tumble dryer must be used as described in these instructions and must be checked on a regular basis to make sure it is functioning correctly.
- ▶ 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. Any other applications may be dangerous. Miele cannot be held liable for damage resulting from incorrect or improper use or operation.
- ▶ This tumble dryer is not intended for outdoor use.

### Preventing problems

- ▶ Empty all pockets to prevent the risk of flammable items such as lighters, matches, candles and cosmetics getting into the tumble dryer.
- ▶ To prevent the risk of fire, do not dry the following items in the tumble dryer:
  - Items that have not been washed.
  - Items that have not been thoroughly cleaned and are still soiled with grease, oil or other deposits (such as cooking oils, cosmetics, 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 that have been cleaned using industrial chemical agents (e.g. professional dry-cleaning agents).
  - Items that have been splashed with hair lacquer, hair spray, nail varnish remover or similar substances.

Heavily soiled laundry must be washed particularly thoroughly to prevent a risk of fire.

Increase the cleaning agent dosage and select a higher wash temperature.

Wash the laundry several times if necessary.

- ▶ To prevent the risk of fire, the following textiles must not be dried in this tumble dryer:

## Warning and Safety instructions

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- Items which contain a large proportion of rubber, foam rubber or rubber-like materials. For example, products made from latex foam rubber, shower caps, waterproof textiles, rubberised articles and items of clothing and pillows with foam rubber filling.
- Damaged items which contain padding or fillings (e.g. pillows, jackets). When damaged, the filling can get out with the risk of it igniting in the dryer.

▶ Many drying programmes include a cooling phase for the laundry. These drying programmes are only finished once the cooling phase is complete. This ensures that the laundry items do not remain at a high temperature and do not become damaged.

Only unload the tumble dryer once the drying programme has come to a complete finish. Otherwise, a **fire risk is posed by hot laundry self-igniting** when it is stored or packaged.

▶ During the drying process the door glass and frame around the door will get hot.

### **Danger of burning!**

▶ Always make sure that the tumble dryer drum is stationary before reaching in to remove laundry. Do not touch a drum that is still rotating. Reaching into a moving drum poses a significant danger of injury.

▶ Never use the tumble dryer without the fluff filters in place. Otherwise there is a **risk of fire**.

A damaged fluff filter must be replaced immediately. Otherwise, the air paths and heating may become clogged with fluff. If this is the case, it is no longer possible to guarantee that the tumble dryer will operate without issues.

### **Technical safety**

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

▶ 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.

▶ 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).

▶ 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 approved service technician, otherwise any subsequent damage will not be covered by the guarantee.

## Warning and Safety instructions

- ▶ Faulty components must only be replaced by genuine Miele original spare parts. The safety standards of the tumble dryer are guaranteed only when these parts are fitted.
- ▶ 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.
- ▶ 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 air intake for the tumble dryer is located at the front of the machine. This opening must never, under any circumstances, be blocked or hindered by objects such as laundry baskets etc.
- ▶ Cool air is extracted out to the rear of the tumble dryer. This area must not be blocked. Please ensure that the minimum gap required, as shown on the installation drawing, is maintained.
- ▶ Never use or store benzine, petrol or any easily flammable liquid near to the tumble dryer. Otherwise, there is a **risk of fire and explosion**.
- ▶ 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.
- ▶ This tumble dryer contains fluorinated greenhouse gases as a refrigerant. They are hermetically sealed. Designation: R 134a
- ▶ Heat pump and refrigerant:
  - This tumble dryer uses refrigerant gas which is not flammable and not explosive.
  - After transporting the machine to its installation site allow it to stand for approx. 30 minutes before connecting it to the electrical supply.  
This is to protect the heat-pump from damage.

If the heat-pump has been subjected to an inclination greater than 45° during transportation, or if there is a significant difference in temperature between the tumble dryer and the installation room, the standing time should be increased accordingly.

### Correct use

- ▶ The max. dry laundry weight is 10 kg.
- ▶ Do not damage, remove or bypass the safety features and control elements of the tumble dryer.
- ▶ Only operate the tumble when all removable outer panels are in place so that it is impossible to touch an electrical component or moving part.
- ▶ 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.
- ▶ The area necessary to open the drum door completely must not be obstructed by doors or other structures.

## Warning and Safety instructions

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- ▶ Disinfecting and cleaning agents often have compounds containing chlorides in them. If these agents dry on to stainless steel surfaces, the residual chlorides will attack the steel and can cause rusting. To protect your machine from rust damage, we recommend only using chloride free disinfecting and cleaning agents for washing and disinfecting programmes and for cleaning stainless steel surfaces of the machine itself. If you are unsure about a particular agent, contact the manufacturer of that agent for advice. Accidental spillages of agents containing chlorides should be rinsed off affected surfaces with water and then dried with a soft cloth.
- ▶ Do not use a pressure washer or hose pipe to clean the tumble dryer. This also applies to the area behind the service panel at the front of the tumble dryer.
- ▶ After use there is a danger around the refrigerant pipework and adjoining components of hot or cold surfaces and parts being under pressure. Allow sufficient time for the machine to cool down before opening any panels.
- ▶ This tumble dryer 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 by an authorised person.
- ▶ 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.
- ▶ Close the drum door after each drying cycle. This is to avoid the risk of children trying to climb into the tumble dryer or hide things in it, and animals getting into the drum.

### Safety measures in the event of leaking refrigerant

- ▶ The heat-pump coolant circuit contains a non-toxic, odourless refrigerant (R134a). If released into the atmosphere it is rapidly volatilised. Because it is heavier than air, it can displace oxygen and pose a **danger of asphyxiation** in small unventilated rooms.
- ▶ If any damage is found on the copper pipes on the heat-pump, stop using the machine and vacate the room immediately.
  - Warn other people present of the danger.
  - Please see the safety data sheet for further information on how to handle this refrigerant.
  - Call Service.

### Accessories

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

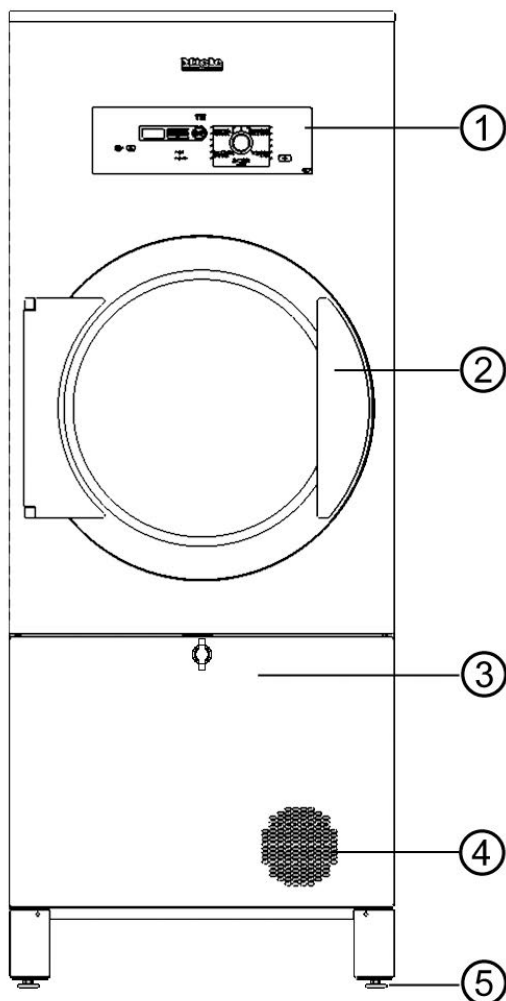


### **Decommissioning the tumble dryer**

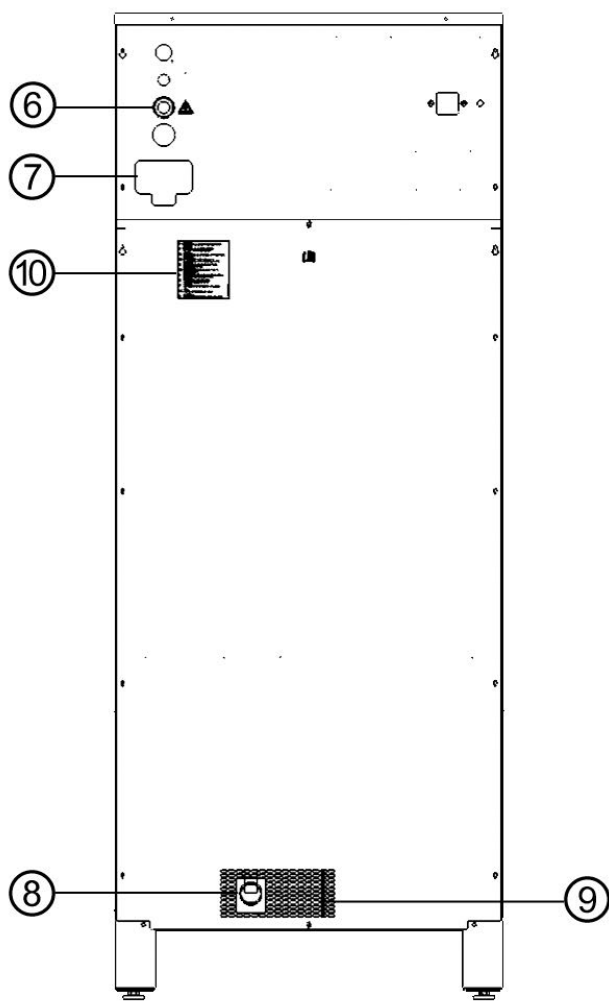
- ▶ Before disposing of a tumble dryer, render the door lock inoperable so that children cannot lock themselves in the machine by mistake and endanger their lives.
- ▶ Observe legal safety requirements regarding the disposal of refrigerants.

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

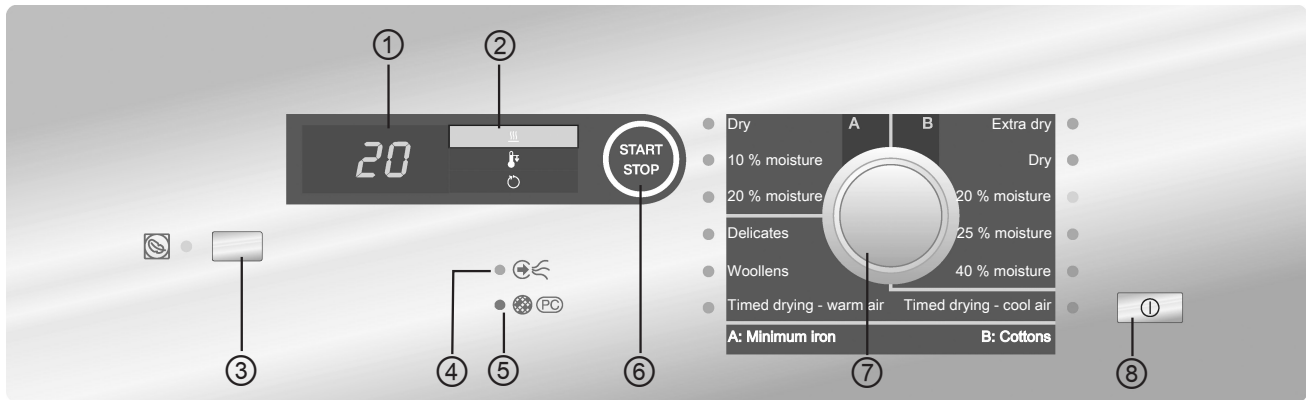
## Description of the machine



- ① **Control panel**  
with controls
- ② **Drum door**  
Pull the door handle to open the drum door. Never use force to open the door.
- ③ **Fluff filter compartment cover**  
Turn the handle to open the fluff filter compartment cover.
- ④ **Air intake vent**
- ⑤ **Machine feet**  
Qty 4, adjustable



- ⑥ **Electrical connection**  
with cable gland
- ⑦ **Shaft for communication module**  
**XKM RS 232**  
Optional accessory
- ⑧ **Condensate drainage**
- ⑨ **Air outlet vent**
- ⑩ **Data plate**



① **“Residual moisture” / “Time left” display**

Depending on programme this display shows the residual moisture content as a % or the time remaining in minutes. Once a programme has started the actual residual moisture level will be shown until the end of the programme. Faults will also be shown in this display, see “Problem solving guide”.

② **“Programme sequence” display**

The programme sequence is shown in three stages. The current stage is highlighted in yellow.

☰ Drying

⬇️ Cooling down

⌚ End of programme / Anti-crease phase

③ **“Low temperature”  button**

This button is used for reducing the drying temperature for sensitive textiles. The LED lights up when the button is pressed.

④ **Fault display **

Lights up at the end of the programme if the fluff filters or heat-pump require cleaning.

Lights up if the programme is cancelled, e.g. if a fault has been detected in the heat-pump.

⑤ **PC interface **

For Service technician use.

⑥ **“START/STOP” button**

Press this button to start or stop a programme.

⑦ **Rotary “Programme selector switch”**

The rotary programme selector switch is used for selecting the drying programme.

⑧ **① “On/Off” button**

This button is used for switching the tumble dryer on and off or for interrupting a programme.

## Laundry preparation

Not all textiles are suitable for drying in a tumble dryer. Please observe the symbols on the textile care label.

Symbols on care labels:

- ☉ dry with normal temperature.
- ☺ dry with low temperature
- ☒ do not tumble dry

**Tip:** For even drying results and to avoid damaging textiles sort the laundry by fibre and weave.

⚠ Only dry items in this tumble dryer which have a care label stating that they are suitable for tumble drying.  
Machine drying unsuitable textiles poses a fire hazard.

The following textiles must not be tumble dried:

- Fabrics which contain a large proportion of rubber, foam rubber or rubber-like materials.
- Fabrics treated with inflammable cleaning agents.
- Items which have been splashed with hair lacquer, hair spray, nail varnish remover or similar substances.
- Items soiled with oil, grease and similar residues e.g. kitchen linen and linen used in beauty clinics.
- Items such as mop heads and cleaning cloths containing residual wax or chemicals.
- Damaged items that contain fillings, e.g. pillows and jackets.
- Textiles that are soiled with grease or oils that have not been adequately washed. Use a heavy-duty detergent for very heavily soiled items (e.g. workwear). Seek the advice of the detergent manufacturer for advice if necessary.

Woollen or linen textiles.

Woollen items and textiles containing wool have a tendency to felt.

- Use the “Woollens” programme only for woollen items and textiles containing wool.

Pure linen has a tendency to roughen if tumble dried.

- Please follow the manufacturer's instructions on the care label.

## Important notes about drying

Protect the drum from damage (scratches and dents).

- Before placing items in the tumble dryer wrap any large metal parts such as buckles, hooks, clasps and zips etc. with a cloth.

Items with closed metal zips can cause the moisture sensing electrodes in the drum ribs to be bridged. This can lead to the drying process running on for too long or to not finish at all.

- Dry these items with the zip open.

Loopknit and woven textiles (e.g. t-shirts) have a tendency to shrink depending on quality. This can be made worse by over-drying.

- Do not use the “Cottons Extra Dry” programme for these items.

Starched laundry can be machine dried. Select the most appropriate programme for ironing by hand.

- Sort the laundry according to the level of dryness required.

It is not necessary to sort according to size.

Small items can find their way into duvet covers and pillow cases during the drying programme.

- Close or fasten duvet covers and pillow cases before drying them.

Underloading is uneconomical. Overloading will impair the drying result and the laundry finish.

- Dry using the maximum load for the programme whenever possible.
- Rinse laundry in the washing machine using hot water in the final rinse.

This reduces the residual moisture level and maintains heat in the laundry which helps keep processing time down, thus saving energy.

### Before using for the first time

#### Commission the machine

The tumble dryer must be installed and commissioned by a Miele technician or Miele authorised service dealer only.

Before commissioning the machine clean the drum.

The drum must be cleaned before laundry is placed in the drum.

- Wipe the inside of the drum with a soft, dry cloth.

### Switch the tumble dryer on

- Switch the machine on at the on-site mains switch.
- Press the Ⓜ button.

#### Load the laundry

- Open the drum door.
- Load the laundry.
- Unfold the pre-sorted laundry and place loosely into the drum.

Make sure that any dispensing aids such as detergent balls have been removed from the laundry.

- Close the drum door.

Be careful not trap any items in the door when closing it. Trapped items can get damaged.

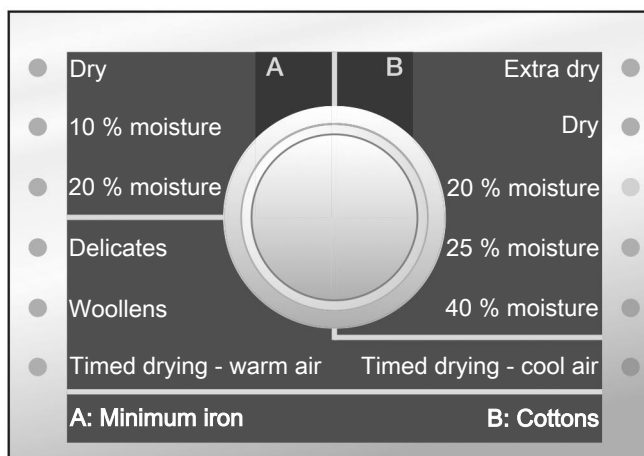
## Drying

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### Load capacities (dry weight)

<b>PT 8203 SL WP</b>
Drum volume 200 litres
<b>Cottons</b>
Load capacity 8-10 kg
<b>Minimum iron</b>
Load capacity 6 kg
<b>Delicates</b>
Load capacity 2 kg
<b>Woollens</b>
Load capacity 5 kg

## Selecting a programme



### A **Minimum iron**

For drying synthetic and mixed fibre textiles.

### B **Cottons**

For drying cotton and linen textiles.

#### **Drying**

Dry to 0 % residual moisture.

#### **Extra dry**

Dry to 0 % residual moisture + 10 minutes drying time.

#### **10% moisture**

Dry to 10 % residual moisture.

#### **20% moisture**

Dry to 20 % residual moisture.

#### **25 % moisture**

Dry to 25 % residual moisture.

#### **40 % moisture**

Dry to 40 % residual moisture.

#### **Delicates**

Dry synthetic and artificial silk to 20 % residual moisture.

#### **Woollens**

5 minute drying cycle.

#### **Timed drying warm air**

30 minutes drying at a high temperature.

#### **Timed drying cold**

15 minute duration for airing textiles.

# Drying

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## Select a programme


- Use the “Programme selector” to select your programme.

The LED next to the programme selected will light up. The programme is now set.




The segment display will then either show the residual moisture level as a % or the time remaining in minutes.



## Lowering the temperature

- When drying delicate fabric press the  “Low temperature” button.
- Press the “START/STOP” button.

The segment display will then show the residual moisture content in the laundry until the programme finishes.




	<b>Drying</b>
	<b>Cooling down</b>
	<b>Programme finished/Anti-crease</b>

The “Programme sequence” display shows the programme sequence in three stages. The appropriate field lights up in yellow.

## At the end of the programme

At the end of the programme a buzzer will sound and “0” will appear in the segment display.

This is followed by a cooling-down phase.

	<b>Drying</b>
	<b>Cooling down</b>
	<b>Programme finished/Anti-crease</b>

If laundry is not removed as soon as the programme finishes, the anti-crease phase will begin. The drum will rotate at brief intervals to keep the laundry from creasing.

## After the end of a programme

- Open the drum door.

If the drum door is left closed, the dryer will start up again for a brief period every 30 minutes for safety reasons.

- Unload the tumble dryer.


Make sure nothing is left in the drum. If items are left in the drum, they could be damaged by overdrying when the tumble dryer is next used.

- Clean the fluff filters after each drying programme.

**Trip hazard when the fluff filter compartment cover is open!  
Make sure it is closed properly.**

## Interrupting a programme


The programme can be interrupted by:

- Pressing the  button.
- Opening the drum door.


## Drying

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- Opening the fluff filter compartment cover.

 Danger of hot laundry.  
Hot laundry can self-ignite and cause a fire when folded or put away.  
Do not unload laundry from the drum until the programme has finished, i.e. not until the cooling down phase has finished.


To continue the programme:

- Press the  button.
- Close the drum door or the fluff filter compartment.

The time remaining or the required residual moisture level will flash in the segment display, and a cooling-down phase will follow on at the end of the programme.

- Press the “Start/Stop” button.

### **Adding or removing individual items**

 Caution when adding or removing laundry after a programme has started!  
Do not reach into a rotating drum to remove laundry. Danger or serious injury to fingers, hands and arms.  
Always make sure that the drum is stationary before reaching in to remove laundry.  
Do not touch the drum whilst it is still rotating.

### **To continue the drying programme**

- Close the drum door.

The remaining drying time or the target residual moisture level will flash in the segment display.


The fan will switch itself on automatically for safety reasons if the temperature in the drum is too high.

- Press the “Start/Stop” button.

The programme will continue.

### **To switch the tumble dryer off**

If no more laundry is to be processed:

- Close the drum door.
- Press the  button.

The tumble dryer switches off.

- Switch off at the on-site mains electricity switch.

## Changing standard options

**Tip:** Individual drying programmes can be altered to suit specific requirements, practices and processes.

Before you start, first ensure that:

- the tumble dryer has been switched off with the ① switch.
- the door is closed.

## To access programming level

### Go to programming level

- Press and hold the start/stop button and switch the tumble dryer on with the ① button.
- Hold the start/stop button pressed in until the illuminated light around the switch stops flashing and lights up constantly.
- Then release the start/stop button.

*P* will flash alternately with *1* in the segment display.

### To select a programmable function

There are two ways of selecting programmable functions P 1 - P 27 (See “Programmable functions” chart).

- Select programmable functions P 1 - P 27 by turning the rotary selector clockwise (to the right).
- Or select programmable functions P 1 - P 27 by pressing the “Low temperature” button.

You can now alter the programmable option, see the “Programmable functions” chart .

### To change a programmable option

- Select the programmable option e.g. *0* or *1* with the start/stop button.

To check which programmable function you are currently in you need to check the “Low temperature” LED on residual moisture controlled machines (Profitronic B Plus machines): a short flash represents one unit, a long flash represents ten units.

With programmable function P 5 the LED will flash rapidly five times.

With programmable function P 10 the LED will flash slowly once.

With programmable function P 27 the LED will flash slowly twice and rapidly 7 times.

## Example of reprogramming

### To alter the buzzer at the end of a programme

Make sure you are in programming level to select the programmable function P2.

- Turn the rotary programme selector one click clockwise.

The  “low temperature” LED will flash briefly twice.

*P* will flash alternately with *1* in the segment display.

Programmable option *0* **Off** and *1* **On**.

## Reprogramming

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### Reprogramming for the visually impaired

- Press the “START/STOP” button to change the option to *0*.

The buzzer at the end of the programme is now deactivated. The buzzer indicating a fault remains active.

- Switch the tumble dryer off with the  button.

The change is now saved to memory.

Go to programming level. The programmable options need to be changed for **P 3 Memory function** and **P 4 Acoustic keypad tones** (see also “Programmable functions” chart).

- Turn the “Programme selector” two clicks clockwise to **P 3 Memory function**.

The  “Low temperature” LED will flash rapidly 3 times.

*P* will flash alternately with *1* in the segment display.

Programmable option <i>0</i> <b>Off</b> and <i>1</i> <b>On</b> .
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- Press the “START/STOP” button to change the option to *0*.

The Memory function is no longer active i.e. after the end of a programme the machine will always run the pre-set “Extra dry” programme the next time it is used.

- Turn the “Programme selector” three clicks clockwise to **P 4 Acoustic keypad tones**.

The  “Low temperature” LED will flash rapidly 4 times.

*P* will flash alternately with *0* in the segment display.

Programmable option <i>0</i> <b>Off</b> and <i>1</i> <b>On</b> .
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- Press the “START/STOP” button to change the option to *1*.

“Acoustic keypad tones” are now switched on.

- Switch the tumble dryer off with the  button.

The change is now saved to memory.

## Programmable functions

No.	Programmable function	Programming option	Factory default
P 1	Buzzer volume	0 = Buzzer quiet 1 = Buzzer loud	1
P 2	Buzzer at end of programme and/or in the event of a fault	0 = not used 1 = at end of programme or when there is a fault 2 = only for faults 3 = only at end of programme 4 = not used	1
P 3	Memory function	0 = off 1 = on	1
P 4	Acoustic keypad tones	0 = off 1 = on	0
P 5	Conductivity setting	0 = normal 1 = low (< 150 yS)	0
P 6	Function cannot be used		1
P 7	Cottons and Timed drying cool/warm Drum reversing on (0 to 99 sec.)	0 = 0 sec. 99 = 99 sec.	60
P 8	Cottons and Timed drying cool/warm Drum reversing off (3 to 99 sec.)	3 = 3 sec. 99 = 99 sec.	3
P 9	Minimum iron Drum reversing on (0 to 99 sec.)	0 = 0 sec. 99 = 99 sec.	60
P 10	Minimum iron Drum reversing off (3 to 99 sec.)	3 = 3 sec. 99 = 99 sec.	3
P 11	Woolens duration (1 to 99 min.)	1 = 1 min. 99 = 99 min.	5
P 12	Woolens programme Drum reversing on (0 to 99 sec.)	0 = 0 sec. 99 = 99 sec.	20
P 13	Woolens drum reversing off (3 to 99 sec.)	3 = 3 sec. 99 = 99 sec.	10
P 14	Delicates drum reversing on (0 to 99 sec.)	0 = 0 sec. 99 = 99 sec.	27
P 15	Timed drying cool air (1 to 99 min.)	1 = 1 min. 99 = 99 min.	3
P 16	Timed drying warm air (1 to 99 min.)	1 = 1 min. 99 = 99 min.	15
P 17	Timed drying warm air (1 to 99 min.)	1 = 1 min. 99 = 99 min.	30
P 18	Function cannot be used		0



# Reprogramming

No.	Programmable function	Factory default	Programming option				
			1	2	0	3	4
P 19	Residual moisture for prog. 1 Cottons Extra dry	2	-2 %	-4 %	0 %	-6 %	-7 %
P 20	Residual moisture for prog. 2 Cottons Dry	2	0 %	-2 %	2 %	-4 %	-6 %
P 21	Residual moisture for prog. 3 Cottons 20 % moisture	1	20 %	18 %	22 %	16 %	24 %
P 22	Residual moisture for prog. 4 Cottons 25 % moisture	1	25 %	23 %	27 %	21 %	29 %
P 23	Residual moisture for prog. 5 Cottons 40 % moisture	1	40 %	38 %	42 %	36 %	44 %
P 24	Residual moisture for prog. 9 Delicates	1	20 %	18 %	22 %	16 %	24 %
P 25	Residual moisture for prog. 10 Minimum iron 20 % moisture	1	20 %	18 %	22 %	16 %	24 %
P 26	Residual moisture for prog. 11 Minimum iron 10 % moisture	1	10 %	8 %	12 %	6 %	14 %
P 27	Residual moisture for prog. 12 Minimum iron Dry	1	0 %	-2 %	2 %	-4 %	4 %

### Problem solving guide

Many malfunctions and faults that can occur in daily operation can be easily remedied. Time and money will be saved because a service call will not be needed.

The following guide may help you to find the reason for a malfunction or a fault, and to correct it.

Problem	Cause and remedy
<b>The display shows</b>  	Problem with the heat pump. <ul style="list-style-type: none"> <li>■ Switch the tumble dryer off.</li> <li>■ Wait until it has cooled down.</li> <li>■ Make sure the ambient room temperature is below the permitted temperature for the installation site of 43 °C.</li> <li>■ Open the fluff filter compartment and wipe any fluff of both fluff filters with your hand.</li> <li>■ Switch the tumble dryer back on.</li> <li>■ Check whether the fault is still indicated in the display. It will not show in the display when it has been rectified.</li> <li>■ If the fault is still showing in the display, call Miele Service.</li> </ul>
<b>The tumble dryer does not start.</b>	The fluff filter compartment is not properly closed. <ul style="list-style-type: none"> <li>■ Turn the fluff filter compartment handle clockwise as far as it will go to lock it.</li> </ul>

## Problem solving guide

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### Service

In the event of a any faults please call Miele Service.

When contacting the Service Department, please quote the model, serial (SN) and material (M.-Nr) numbers. These are shown on the data plate (visible when the door is open):

<b>Model</b>	
<b>SN:</b>	/ 0 0 0 0 0 0 0 0 0 0
<b>Art.-Nr.</b>	<b>Mat -Nr.</b>
<b>IBN</b>	

Please also pass on the error message appearing in the machine display to the Service Department

**Only use genuine Miele original spare parts.** The Service department will also require model, serial number(SN) and material number (M-Nr) when ordering.

Additional technical data for the machine is given on the data plate at the back of the machine.



### Cleaning the tumble dryer

The tumble dryer must be switched off at the on-site mains switch before any cleaning or maintenance work.

Danger of electrical shock and damage to components.

- Do not use a pressure washer or hose pipe to clean the tumble dryer.
- Clean the **machine casing, control panel and plastic parts** with a mild non-abrasive detergent or with a damp cloth only. Wipe dry with a soft cloth.
- The drum must be wiped clean with a damp cloth after drying items that have been starched.

Scouring agents will scratch the surface.

**Do not** clean the tumble dryer with abrasive cleaning agents.

- After cleaning, check the seals for any damage and make sure the door and fluff filter compartment catches are clean and undamaged.

**Tip:** The area surrounding the tumble dryer, in particular around the air inlet, must be kept free of dust and fluff at all times. If taken into the dryer, they can cause faults with the machine.

### Cleaning the filter behind the air inlet


The air inlet to the dryer is located at the front of the tumble dryer (④). A fluff filter is located behind this air inlet which has to be cleaned regularly.

The filter behind the air inlet prevent dust particles from the room being drawn in by the fan. This filter must be checked daily and cleaned when necessary.

- Open the fluff filter compartment
- Wipe fluff off the filter with your fingers. Do not let anything sharp or pointed come into contact with it.

Do not cover the air intake at the front of the machine or place anything in front of it.

### Cleaning the fluff filters

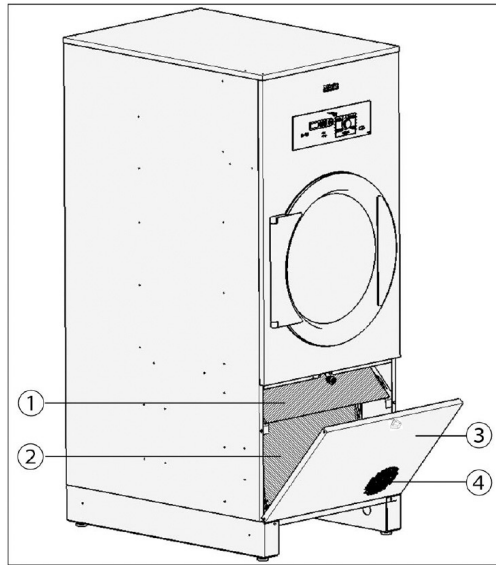
 A damaged fluff filter must be replaced before the machine is used again.

The heat-pump and the airways can get blocked by fluff and lint. This is a fire risk.

Never use the tumble dryer without the fluff filters in place.

## Cleaning and care

This tumble dryer has two levels of fluff filtration. The 1st fluff filter is located behind the fluff filter compartment cover (at the top). The 2nd fluff filter is below that one.



- ① 1st fluff filter
  - ② 2nd fluff filter
  - ③ Fluff filter compartment cover
  - ④ Air intake vent
- Open the fluff filter compartment
  - Clean both filters after every drying programme.

Fluff on the 1st filter (made of polyester) must be wiped off by hand only.

Any other method of cleaning can damage the filter.

- The filters can be cleaned without taking them out.
- With high levels of fluff the fluff filters may need to be cleaned several times during the day.
- The second level fluff filter can, if necessary, be cleaned using a vacuum cleaner.

## Installation requirements

The tumble dryer must only be installed and commissioned by a Miele service engineer or a Miele authorised Service dealer.

- ▶ The tumble dryer must be installed in accordance with all relevant regulations and standards.
- ▶ This dryer must only be operated in a room that has sufficient ventilation and which is frost-free.

## General operating conditions

Permissible ambient temperature in installation room: +2 °C to +43 °C.

Depending on the nature of the installation site, sound emissions and vibration may occur.

**Tip:** Have the installation site inspected and seek the advice of a professional in instances where increased noise may cause a nuisance.

## Transporting the machine

When transporting the dryer be aware of its total height. Be careful when transporting it on a pallet truck that it does not tip up.

## Removal of transport packaging

- Unscrew Torx screws (T20 and T30) from the wooden pallet and remove the wooden battens.
- Lift the tumble dryer with a pallet truck and then fit the 4 adjustable feet (supplied).

## Set up

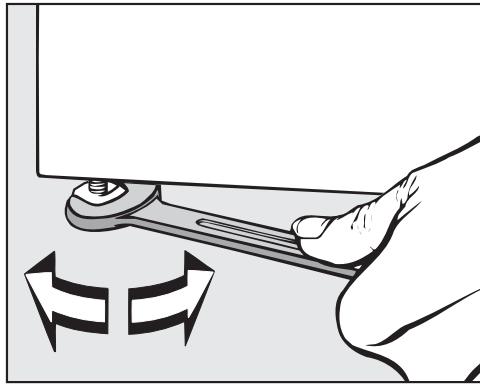
- Place the tumble dryer on a totally level, secure and horizontal surface that is able to take the load of the machine (see “Technical data”).

The floor load created by the dryer is concentrated and transferred to the installation footprint via the machine feet.

- To ensure suitable access for further maintenance and service work, please ensure the minimum distances between the machine and any walls are maintained.

## Installation and connection

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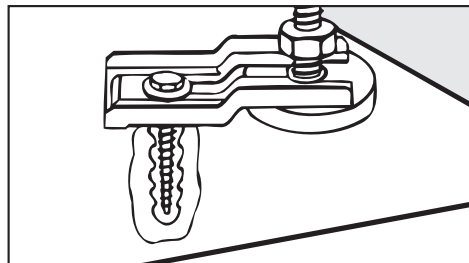


- With the assistance of a spirit level align the dryer horizontally and vertically by adjusting the height of the feet.
- After aligning the tumble dryer tighten the counter nuts by turning them in an anti-clockwise direction with a spanner. This will prevent the feet from adjusting themselves.

After setting up the tumble dryer please let it stand for approx. 30 minutes before using it for the first time. If the heat-pump unit was tilted by an angle exceeding 30° before the tumble dryer was set up, or if it was subjected to excessive movement, please let the dryer stand for 24 hours before using it. Otherwise the heat pump can suffer damage.

### Securing the machine

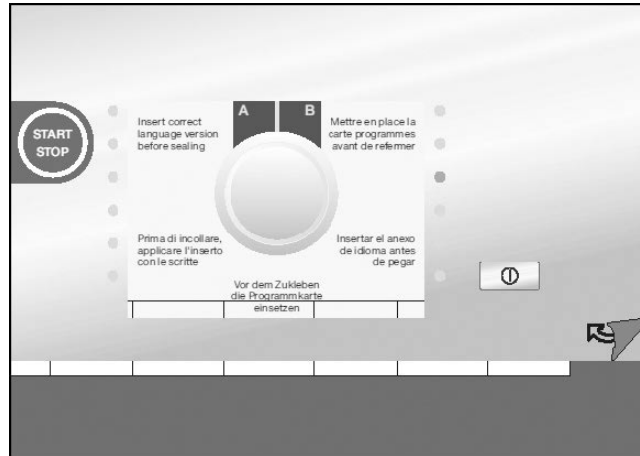
The tumble dryer can be secured to the floor by fitting the clamps supplied over the feet.



Fittings supplied are for installation on a concrete floor. For other types of flooring please purchase suitable fitting materials separately.

### Fitting the programme card

A language specific programme card is supplied with the tumble dryer that indicates the individual positions around the rotary selector. This card has to be fitted behind the fascia panel before the machine is set up for the first time.



- Peel the protective foil off the control panel.
- Carefully lift up the lower part of the control panel foil underneath the programme selector dial.
- Push the programme card in underneath the control panel foil and align it.
- Remove the dividers located underneath it and press the control panel foil back in at the bottom.

### Electrical connection

The electrical connection must be carried out by a qualified electrician who must ensure that all electrical work is carried out in accordance with applicable electrical regulations and standards (BS 7671 in the UK).

- ▶ The electrical connection may only be made to an electrical system provided in accordance with all appropriate local and national legislation and regulations. In addition, all regulations of the appropriate utility supply companies and standards relating to safety, and all applicable valid regulations and technical standards must be complied with!
- ▶ Reliable and safe operation of this tumble dryer can only be assured if it has been connected to the mains electricity supply.

The required voltage, power consumption and fuse rating are quoted on the data plate on the tumble dryer. Ensure that the supply voltage complies with the voltage quoted on the data plate before connecting the tumble dryer to the mains.

Connection to a supply voltage other than the one quoted on the data plate can lead to functional faults and damage to the tumble dryer.

## Installation and connection

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► If more than one voltage is quoted on the data plate, the tumble dryer can be converted for connection to the voltages stated. Conversion to a different voltage must only be carried out by a Miele Service engineer or by an authorised Miele Service dealer. The wiring information given on the wiring diagram must be followed. Settings for heater ratings in the machine must also be observed and adapted as necessary.

This dryer can either be hard-wired or connected via a plug and socket that complies with IEC 60309-1.

For hard-wired machines connection should be made via a suitable mains switch with all-pole isolation which, when in the off position, ensures a 3 mm gap between all open contacts. These include circuit breakers, fuses and relays (IEC/EN 60947).

If the mains supply cannot be permanently disconnected, the isolator switch (including plug and socket) must be safeguarded against being switched on either unintentionally or without authorisation.

**Tip:** We recommend connection to the power supply via a suitable IP 44 plug and socket which must be easily accessible for servicing and maintenance work after the machine has been installed. An electrical safety test must be carried out after installation and after any service work.

► The machine must not be connected to devices such as timers which would switch it off automatically.

### Air intake vent

Air intake for the condenser is via an air intake vent at the front of the dryer. Air is taken from the room in which the dryer is installed.

A fluff filter is located in the air intake vent in the dryer. This must be regularly cleaned by hand.

The air intake vent must be kept clear. It must not be covered.

### Air outlet vent

Because the heat-pump dryer operates with a closed air circuit, separate exhaust ducting is not required.

The warm air expelled from the machine as a result of cooling down the heat-exchanger warms the room air. It is essential to ensure the room has adequate ventilation, e.g. by providing ventilation openings that cannot be closed whilst the machine is in use. Insufficient ventilation in the room increases the time required for drying, which in turn will increase the amount of energy required for the drying process.

The ventilation openings must, on no account, be closed or blocked by objects.

### Condensate drainage

The heat-pump in this dryer operates on the principle of condensation. A separate floor drain must be provided in the installation room for condensate from the drying process.

The condensate drainage point is located at the back of the heat-pump dryer. The condensate must be drained via a downwards pointing pipe to the floor drain. Condensate must not be able to flow back into the machine.

### Communication module XKM RS232

The serial interface RS-232 can be retrofitted to the tumble dryer via an XKM RS 232 (optional accessory available from Miele). This communication module must only be used with Miele Professional machines that are fitted with an appropriate slot for the module.

The data interface provided via communication module XKM RS232 complies with SELV (Safety Extra Low Voltage) in accordance with EN 60950.

Appliances connected to this interface must also be SELV compliant.

Communication module XKM RS 232 is supplied with a connection cable and a D-sub-connector.

## Technical data

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### Electrical connection

Voltage	See data plate
Frequency	See data plate
Total connected load	See data plate
Current draw	See data plate
Heater rating	See data plate
Fuse rating	See data plate

### Installation data

Overall machine width	711 mm
Overall machine height	1800 mm
Overall machine depth	1075 mm
Casing width (without add-on components)	708 mm
Casing height (without add-on components)	1800 mm
Casing depth (without add-on components)	999 mm
Machine weight (net)	202 kg
Max. floor load in operation	2220 N
Minimum width of loading aperture (internal width)	725 mm
Recommended distance between front of machine and the wall	1500 mm

### Emissions

Average heat dissipation rate to installation site	650 W
A-weighted noise power level in accordance with EN ISO 9614, part 2	71 dB (A)
A-weighted sound pressure level in accordance with EN ISO 11204, workplace-related	57 dB (A)





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