



Operating and Installation Instructions Commercial Tumble Dryer PDR 516 SL EL NAM

 WARNING: RISK OF FIRE

Clothes dryer installation should be performed by a qualified installer.

Install the clothes dryer according to the manufacturer's instructions and local codes.

Do not install a clothes dryer with flexible plastic venting materials. If flexible metal (foil type) duct is installed, use duct that has been investigated and found acceptable for use with clothes dryers. Flexible venting materials are known to collapse, be easily crushed, and trap lint. These conditions will obstruct clothes dryer airflow and increase the risk of fire.

To reduce the risk of severe injury or death follow all installation instructions.

Save these instructions.

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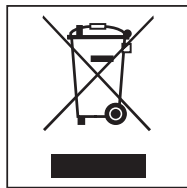
Disposal of the packaging material

The packaging material protects the dryer from transport damage. The packaging materials used are selected from materials which are environmentally friendly for disposal and can therefore be recycled.

Recycling the packaging material reduces the use of raw materials in the manufacturing process and also reduces the amount of waste in landfill sites. Your dealer will take the packaging material away.

Disposing of your old machine

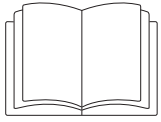
Old electrical and electronic machines often contain valuable materials. However, they also contain harmful substances which were essential for their correct functioning and safety. These could be hazardous to human health and to the environment if disposed of with household waste or if handled incorrectly. Therefore, please do not dispose of your old machine with household waste.



Instead, please make use of officially designated collection and disposal points to dispose of and recycle electrical and electronic machines in your local community. Ask your dealer for more information.

Please ensure that your old machine poses no risk to children while being stored for disposal.

IMPORTANT SAFETY INSTRUCTIONS



- It is essential to read these instructions.

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

Read the Operating Instructions carefully before using the 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 UL 1240 & CSA C22.2 No. 309; ANSI Z21.5.2 & CSA 7.2, Miele expressly and strongly advises that you read and follow the instructions in the chapter on installing the tumble dryer as well as the IMPORTANT SAFETY INSTRUCTIONS.

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

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

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

Appropriate use

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

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 appliance.

- The tumble dryer is designed for industrial use only.
- The tumble dryer is intended exclusively for drying textiles washed in water which have been labeled as suitable for tumble drying by the manufacturer on the care label. 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.

- 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.

A room temperature between 36°F (2°C) and 104°F (40°C) is permitted for electrically heated and gas-heated tumble dryers.

A room temperature between 50°F (10°C) and 104°F (40°C) is permitted for tumble dryers with heat pumps.

- If the machine is operated in the commercial sector, it may only be operated by trained or qualified personnel. If the machine is operated in an unsecured location, the supervisor must ensure that its use does not pose a risk.

- The tumble dryer should only be used by people with reduced physical, sensory, or mental capabilities, or lack of experience or knowledge, if they are supervised while using it or have been shown how to use it in a safe way and understand and recognize the consequences of incorrect operation.

- Children must be kept away from the tumble dryer.

- Children must not be allowed to clean or maintain the tumble dryer unsupervised.

IMPORTANT SAFETY INSTRUCTIONS

- ▶ Children should be supervised in the vicinity of the tumble dryer. Never allow children to play with the tumble dryer.
- ▶ Uses other than those listed above are not recommended and shall release the manufacturer from liability.

Preventing misuse

- ▶ Do not make any alterations to the tumble dryer, unless authorized 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 to carry out a repair or conversion, they must be replaced following inspection.
- ▶ Do not lean on the dryer door. Otherwise, the tumble dryer may tip over, causing injury to yourself or others.
- ▶ Do not use a pressure washer or hose 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.
- ▶ Do not store or use gasoline, petrol, paraffin, or other highly flammable liquids near the tumble dryer. Risk of fire and explosion.
- ▶ Do not expose the tumble dryer to air which contains chlorine, fluorine, or other solvent vapors. This contaminated air can cause a fire.
- ▶ To prevent the risk of fire, the following items must not be dried in the 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 program.
 - Items (e.g., mops and floor cloths) that have been treated with flammable 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 soiled with hair lacquer, hair spray, nail polish 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.

- ▶ The drum-door hinges and the lint-filter compartment cover pose a risk of crushing and shearing. Always use the handles and quick-release catches provided.
- ▶ Always make sure that the drum is stationary before reaching in to remove laundry. Do not touch the drum while it is still rotating.
- ▶ **Warning:** Never switch the tumble dryer off before the end of the drying program. If you absolutely must interrupt the program, remove all items immediately and spread them out to cool down.

Technical safety

- ▶ The dryer, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1.
- ▶ The dryer must not be installed or stored in an area where it will be exposed to water and/or weather.
- ▶ Caution: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper operation.

IMPORTANT SAFETY INSTRUCTIONS

- ▶ The tumble dryer should only be installed and commissioned by Miele Customer Service or an authorized dealer.
- ▶ Before installing the dryer, check it for visible signs of damage. A damaged tumble dryer must not be installed or operated.
- ▶ Do not connect the dryer to the electrical supply by an extension cord (risk of fire due to overheating).
- ▶ Do not operate the tumble dryer in a room where cleaning machines operate with solvents containing CFCs. During combustion, any vapors 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 dryer can only be guaranteed when continuity is complete between it and an effective grounding system. It is essential that this standard safety requirement is observed and regularly tested. If in any doubt, please have the electrical installation inspected by a qualified electrician. Miele cannot be held liable for the consequences of an inadequate grounding system.
- ▶ The tumble dryer is only electrically disconnected from the power supply if
 - the electrical plug has been disconnected from the socket.
 - it is switched off at the main switch, or the electrical fuse is disconnected (on site).
- ▶ The electrical 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 electrical plug is still removed.
- ▶ If the appliance is hard wired, protective measures must be made on site to disconnect the tumble dryer from the electrical supply.
- ▶ If the power cord is damaged, it should be replaced by a Miele authorized technician in order to protect the user from harm.
- ▶ Tumble dryers with damaged control elements, wires, or cords must not be used until they have been repaired.
- ▶ Unauthorized repairs could result in unforeseen dangers for the user, for which Miele cannot accept liability. Repairs should only be carried out by a Miele authorized technician, otherwise any subsequent damage may not be covered by the warranty. Repair instructions can be requested from Miele.
- ▶ Faulty components should only be replaced by Miele original parts. Miele may only guarantee the safety standards of the machine 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.
- ▶ 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 program.
- ▶ The tumble dryer must be disconnected from the power supply in the event of a fault, when replacing parts, and for cleaning and maintenance purposes. The tumble dryer is only disconnected from the power supply, if:
 - the plug is withdrawn, or
 - the breakers are disconnected, or
 - the breakers have been completely removed.
- ▶ If the heater element malfunctions, accessible parts can get very hot.
- ▶ Follow the instructions in "Installation" and "Technical data".

IMPORTANT SAFETY INSTRUCTIONS

- ▶ Only allow clean, fresh air to be fed into the tumble dryer. Air entering the machine must not contain vapors with chlorine, fluorine or other solvents.
- ▶ Electrically heated and gas-heated tumble dryers may only be operated when vent ducting has been installed and the room is sufficiently ventilated. Vent ducting is not required for tumble dryers with heat pump.
- ▶ The 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 ducting (e.g., wall pipe, external grille, bends, elbows, etc.) to make sure that air can move through them and to ensure that they are working properly. Clean components when necessary. Lint deposits in the ducting system will prevent the air from being extracted properly and, as a result, will stop the tumble dryer from working properly.

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

Low pressure must not occur in the 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 apartment, or in neighboring 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 vents that cannot be closed in the exterior walls.
- Use window switches so that the tumble dryer can only be switched on when a window is open.

Always seek approval from the appropriate authority (gas installer, chimney sweep, etc.) to confirm that the machine 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 exhaust air duct, 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.

- ▶ 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.

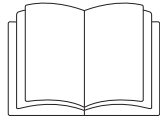
Correct use

- ▶ 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 is to avoid anyone or anything unexpected getting into the tumble dryer.
- ▶ Keep the room where the tumble dryer is located free from dust and lint. 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 lint filter or with a damaged lint filter. This could lead to malfunctions. Lint can clog the air passages, heating elements, and ducting, which could result in a fire. In this case, stop the tumble dryer immediately and replace the damaged lint filter.

IMPORTANT SAFETY INSTRUCTIONS

- ▶ The lint filter must be cleaned on a regular basis.
- ▶ To ensure problem-free operation of the tumble dryer:
 - Remove the lint from the lint filter after every drying cycle.
 - In addition, the lint filter and the air passages must be cleaned when prompted by the display.
- ▶ Remove all items from the pockets of the laundry to be dried (e.g., lighters, matches, keys).
- ▶ Many programs are followed by a cooling phase to ensure that the items are not too hot to handle when you remove them (this also reduces the risk of the laundry self-igniting). Always remove all items of laundry from the tumble dryer immediately after the cooling phase.
- ▶ Only use genuine Miele spare parts and accessories with this machine. Using parts or accessories from other manufacturers may invalidate the warranty, and Miele cannot accept liability.

 Miele cannot be held liable for damage caused by failure to comply with these IMPORTANT SAFETY INSTRUCTIONS.



⚠ Risk of injury or damage to property due to improper installation. Incorrect installation of the tumble dryer can lead to personal injury or damage to property.

Before commissioning the tumble dryer for the first time, make sure it has been installed

and connected correctly.

See the information in the section on “Installation”.

⚠ Damage caused to tumble dryers with heat pumps by switching the machine on too soon after commissioning.

Commissioning the machine too quickly can damage the heat pump inside the tumble dryer.

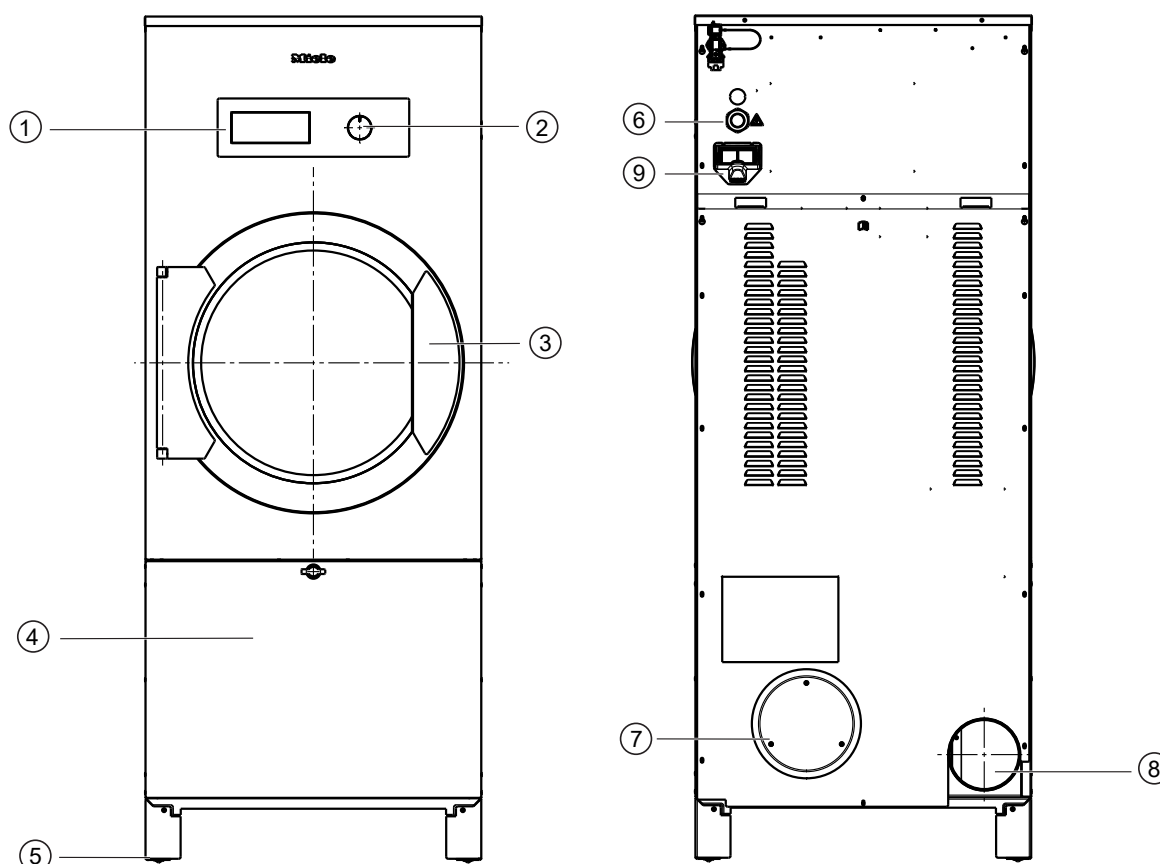
After installing the tumble dryer, wait for at least one hour before starting a drying program.

Complete the initial commissioning process. During the initial commissioning process, you will need to define the settings for daily use of the tumble dryer. Some settings can only be modified during the initial commissioning process. After that, they can only be changed by Miele Service.

These settings are also described under “Supervisor level”.

Description of the machine

PDR 516 SL (electrically heated)



① **Control panel**

② **Selector dial**

Turn the selector dial to switch on the tumble dryer and select the drying program.

③ **Drum door**

The drum door is opened by pulling the door handle.

④ **Lint filter compartment cover with handle**

The lint filter compartment cover is opened by turning the handle. The lint filter is located behind the lint filter compartment.

⑤ **Adjustable foot (4 feet)**

To ensure that the tumble dryer is aligned, its height can be adjusted by turning the adjustable feet.

⑥ **Electrical connection**

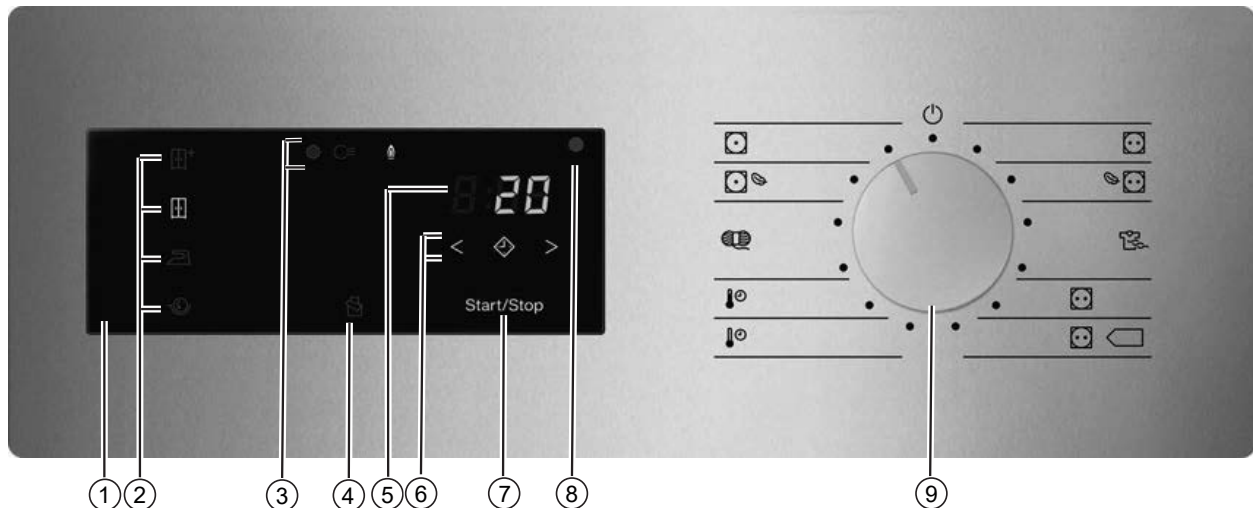
The permitted supply voltage is specified on the data plate of the tumble dryer.

⑦ **Air-intake vent**

⑧ **Vent collar**

⑨ **Communication slot for communication module**

Machines with residual moisture control (ROP)



- ① **Control field**
- ② **Sensor buttons for the drying levels**
- ③ **status displays**
Light up when necessary
- ④ **sensor control**
Activates fan pulsed operation to perfectly dry light fabrics such as bed linen and all-purpose cloths.
- ⑤ **Time display 8:88**
Displays messages or the remaining program runtime in hours and minutes.
- ⑥ **< ◊ > sensor controls**
For the Delay Start function. After touching the ◊ sensor control, a later start time for the program (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 program or canceling a program once it has started. The program selected can be started as soon as the sensor control starts pulsating.
- ⑧ **Optical interface**
Used for data transfer by Miele Service.
- ⑨ **Program selector**
For selecting programs and for switching the machine off. The tumble dryer is switched on when you select a program and switched off by turning the program selector to the ⏻ position.

Drying levels

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

Operating the tumble dryer

Drying programs

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

How the control field works

The sensor buttons react to fingertip contact. Selection is possible as long as the respective sensor button is lit.

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

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

Sensor buttons for the drying levels

After selecting a drying level program with the program 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"

Indicators

-  indicator light: Lights up when the lint filter needs cleaning.
-  indicator light: Lights up if a fault is present in the ducting.
- Time display **8:88**: Displays messages or the remaining program runtime in hours and minutes. With most drying programs, the runtime displayed may vary or "jump". The following factors, among others, affect the program runtime displayed: the quantity of laundry, the type of fabric, and the residual moisture in the laundry. The electronic adapts to these parameters and then adjusts the program runtime with increasing accuracy.

Overview of messages in the time display

-  = Program change not possible. Displayed when the program selector is turned to another drying program while the drying program is running.
-  (rotating) =
 - The drying program has been started and will begin in a few seconds.
 - The external exhaust valve is opened while the drying program is running.
 - The laundry is cooled down after tumble drying.
-  = Drying program stopped after interruption of power supply. The drying program that was originally started was interrupted before the end of the program (e.g., by switching off the tumble dryer). The drying program can be resumed by touching the pulsating sensor control Start/Stop.
-  (key) = Drying program locked
-  = Set up Wi-Fi or local access point.
-  = Set up Wi-Fi via soft AP (= software access point).
-  = Set up Wi-Fi via WPS.
-  = Connection successfully established
-  = Connection not successful
-  = Update available
-  = Peak load active (only if electrically heated tumble dryers are connected to an energy management system)
-  (only for operation with optional payment device) = prompts for payment or additional payment if the paid time has expired.

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, dark, and colored items must be washed thoroughly and separately. Do not dry dark and colored items with light-colored garments. There is the risk of colors running and discoloring other garments or even plastic components in the tumble dryer. Dark-colored fibers can also settle on light-colored garments and vice versa.

Preparing the laundry

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

Follow the instructions on the laundry care label:

- ☉ Dry at normal temperature
- ☉ Dry at low temperature
- ☒ Do not tumble dry

Tip: For more even drying results and to avoid damaging items sort the laundry by fiber and fabric.

⚠ Fire hazard due to drying unsuitable fabrics.
Tumble drying unsuitable fabrics poses a fire hazard.
Only tumble dry items that have a care label stating that they are suitable for tumble drying.

The following items must not be dried in a tumble dryer:

- Items which contain rubber, foam rubber, or rubber-like materials.
- Items treated with inflammable cleaning agents.
- Items which have been soiled with hair lacquer, hair spray, nail-polish 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 floor cloths containing residual wax or chemicals.
- Damaged items that contain fillings, e.g., pillows and jackets.
- Items contaminated by greases and oils that have not been adequately washed. Use a heavy-duty detergent for very heavily soiled items (e.g., workwear). Please seek advice from the detergent and cleaning-agent manufacturer in this regard.

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.

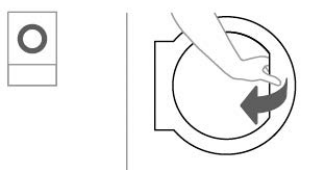
Check seams and stitching to ensure that padding and linings are intact. This way you will avoid the danger of filling coming out and causing a fire. Sew in or remove underwiring from bras.

⚠ Risk of fire due to incorrect use and operation.
The laundry can burn and destroy the tumble dryer and the surroundings.
Read and observe the “IMPORTANT SAFETY INSTRUCTIONS”.

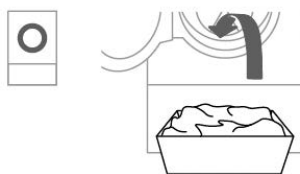
2. Loading the tumble dryer

Loading the laundry

⚠ Damage to fabrics caused by incorrect laundry care.
Incorrect laundry care can damage fabrics during tumble drying.
Before loading, read chapter “1. Notes on correct laundry care” first.



- Open the door.

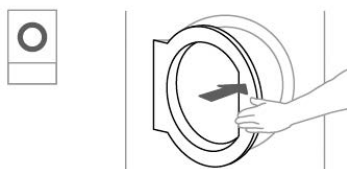


- Load the washed laundry into the tumble dryer.

Do not overload the drum.
Overloading the drum will cause unnecessary wear and tear to the laundry and affect the drying results. This can also increase the creasing in the laundry.

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 program

Selecting a program

The tumble dryer is switched on when you select a program and switched off by turning the program selector to the  position.

Drying

- Turn the program selector to the required program.

A drying level may light up and runtimes will appear on the time display.

Care symbols

Drying	
	Normal/higher temperature (see control panel: "Cottons" program)
	Low temperature (see control panel: "Minimum iron" program)
	Do not tumble dry
Ironing	
	Very hot
	Hot
	Warm
	Do not iron

Drying level for programs with a selectable drying level

The preset drying level can be changed if required.

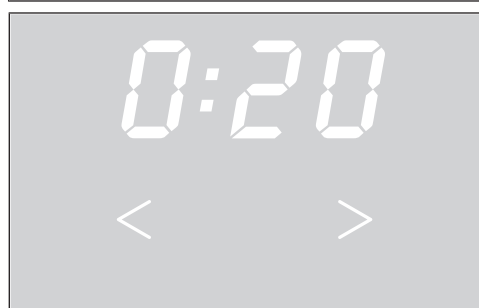
- Touch the sensor button for the drying level you want. It will then light up brightly.

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

Time-controlled and other programs

Time Dry

You can set the runtime in minute increments from *0:20* minutes to *2:00* hours.

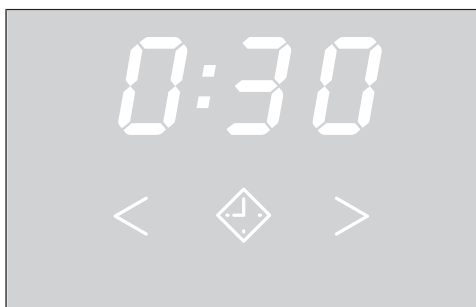


- Touch the < or > sensor button repeatedly until the required program runtime appears on the time display.

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

Selecting Delay Start

You can delay the start of a program from *0:30* minutes up to *24h* (hours).



- Touch the  sensor button.

 will light up brightly.

- Touch the > or < sensor button repeatedly until the required Delay Start time appears on the time display.

Tip: The times will count up and down automatically if you keep your finger on the > or < sensor button.

Changing Delay Start

- Touch the *Start/Stop* sensor button.
- Touch the > or < sensor button repeatedly until the required Delay Start time appears on the time display.
- Touch the *Start/Stop* sensor button.

Delay Start continues to count down.

Cancelling/deleting Delay Start

- Turn the program 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 program.
- The drum will turn briefly every hour until the start of the program to reduce laundry creasing.

4. Starting a program

Starting a program

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

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

Program sequence

- If Delay Start has been selected, the Delay Start period will start to count down first.
- The program starts.

Program runtime/estimated time remaining

The program runtime depends on the quantity of laundry, the type of fabric, and the residual moisture in the laundry. The displayed program duration for drying level programs can therefore vary or “jump”. The tumble dryer’s electronic adapts during the ongoing drying program. The displayed program runtime becomes more and more accurate.

When using the programs for the first time, the displayed time sometimes deviates significantly from the real time left. The difference between the estimated and achieved time becomes smaller if the corresponding program is run more often. If different load sizes are dried in one program, the time left display can only show an approximate time.

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

Energy saving

After a programmed time, the indicators dim. The *Start/Stop* sensor button will flash slowly.

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

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

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

5. Unloading laundry from the tumble dryer

End of the program

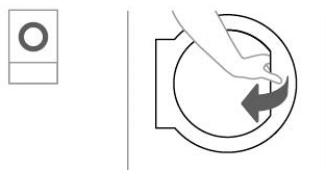
The tumble dryer can be configured so that a buzzer sounds at the end of the program.

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

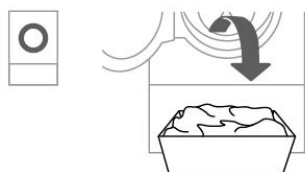
If *Anti-crease* has been selected, the drum keeps rotating at intervals. This reduces creasing if the laundry cannot be unloaded straight away.

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

Removing the laundry

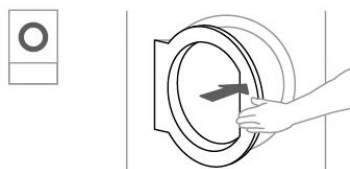


- Open the door.



- Remove all of the laundry from the drum.

⚠ Damage caused by overdrying.
Laundry left in the dryer can be damaged by overdrying.
Always remove all items from the drum once drying has finished.



- Close the door.
- Switch the tumble dryer off.

Care notes

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

Program guide

“Label” program package

Program name	Suitable fabrics	Selectable drying levels (residual moisture in %)	Activatable extras	Maximum load size
 Cottons 	Cotton items with normal residual moisture	- Machine iron (40%) - Hand Iron (25%) - Normal (0%) - Normal plus (-2%)	-  Anti-crease*	PDR 511: 24 lb (11 kg) PDR 516: 35 lb (16 kg)
 Cottons PRO	Cotton items with normal residual moisture	- Machine iron (40%) - Hand Iron (25%) - Normal (0%) - Normal plus (-2%)	-  Anti-crease*	

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

“Standard” program package

Program name	Suitable fabrics	Selectable drying levels (residual moisture in %)	Activatable extras	Maximum load size
 Cottons	Single and multi-layer cotton/linen items	- Machine iron (40%) - Hand Iron (25%) - Normal (0%) - Normal plus (-2%)	-  Anti-crease*	PDR 511: 24 lb (11 kg) PDR 516: 35 lb (16 kg)
 Minimum Iron	Wrinkle free items made of synthetic, cotton, or mixed fiber	- Hand Iron (20%) - Normal (2%) - Normal plus (0%)	-  Anti-crease*	PDR 511: 10 lb (4.5 kg) PDR 516: 13 lb (6 kg)
 Woolens	Woolen items	-	-	PDR 511: 4 lb (2 kg) PDR 516: 7 lb (3 kg)
 Delicates	Delicate synthetic, cotton, or mixed fiber fabrics	- Hand Iron (20%) - Normal (2%) - Normal plus (0%)	-  Anti-crease*	
 Timed Drying, cool air	Items that need airing	-	-  Anti-crease*	PDR 511: 24 lb (11 kg) PDR 516: 35 lb (16 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	- Machine iron (40%) - Hand Iron (25%) - Normal (0%) - Normal plus (-2%)	-  Anti-crease*	
 Minimum Iron Low temperature	Items suitable for tumble drying for which mechanical stress should be avoided.	- Hand Iron (20%) - Normal (2%) - Normal plus (0%)	-  Anti-crease*	PDR 511: 10 lb (4.5 kg) PDR 516: 13 lb (6 kg)

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

Changing the program sequence

Changing a program once it has started

You cannot change to another program once a program has started (this prevents unintentional alterations). You will need to cancel the current program 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.
Read and observe the “IMPORTANT SAFETY INSTRUCTIONS”.

If you turn the program selector while the drying program is running,  appears in the time display.  disappears when you turn the program selector back to the original program.

Canceling the current program

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

If the program has ended or has been canceled 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 or the 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 items.
- Close the door.
- Start the program.

Adding laundry during ongoing Delay Start period

You can open the door to add or remove laundry.

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

- Open the door.
- Remove or add the laundry.
- Close the door.
- Touch the *Start/Stop* sensor button so that the Delay Start period continues.

Time left

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

Supervisor level (programming mode)

Requirements for accessing supervisor level

- The machine is switched on.
- The door is open.

Accessing supervisor level

- Touch and hold the *Start/Stop* sensor control and close the door.

The *Start/Stop* sensor control flashes rapidly for 2 seconds.

- Continue touching the *Start/Stop* sensor control for at least 4 seconds.

The *Start/Stop* sensor control will light up constantly. This indicates that you have successfully accessed the supervisor level programming mode.

- Release the *Start/Stop* sensor control.

If the illuminated *Start/Stop* sensor control is not released again within 6 seconds, the machine will detect an accessing error or a door jam.

The maximum time for the access attempt is 10 seconds. The attempt will then be canceled automatically.

Overview of supervisor level

If the preset values in the supervisor level are changed, the tumble dryer's energy requirements may change.

Program	Designation	Possible setting	Default setting	Explanation
P01	Drying level Cottons	01 02 03 04 05 06 07	04	01 = Damper 3 02 = Damper 2 03 = Damper 1 04 = Standard 05 = Drier 1 06 = Drier 2 07 = Drier 3
P02	Drying level Minimum iron	01 02 03 04 05 06 07	04	01 = Damper 3 02 = Damper 2 03 = Damper 1 04 = Standard 05 = Drier 1 06 = Drier 2 07 = Drier 3
P03	Cottons and time in/ex 1 Heater bank temperature	01–20	20	See “Heater bank temperature” table
P04	Cottons and time in/ex 1 Process air temperature	00–36	36	See “Drying air temperature” table
P05	Cottons and time in/ex 1 Drive running time in primary direction	01–51	21	See “Reversing times” table
P06	Cottons and time in/ex 1 Drive running time in reverse direction	01–51	21	See “Reversing times” table
P07	Cottons and time in/ex 1 Drive pause time	01–14	01	See “Pauses” table
P08	Cottons and time in/ex 2 Heater bank temperature	01–20	10	See “Heater bank temperature” table

Supervisor level (programming mode)

Program	Designation	Possible setting	Default setting	Explanation
P09	Cottons and time in/ex 2 Process air temperature	00–36	31	See “Drying air temperature” table
P10	Cottons and time in/ex 2 Drive running time in primary direction	01–51	21	See “Reversing times” table
P11	Cottons and time in/ex 2 Drive running time in reverse direction	01–51	21	See “Reversing times” table
P12	Cottons and time in/ex 2 Drive pause time	01–14	01	See “Pauses” table
P13	Synthetics/Delicates and time in/ex 3 Heater bank temperature	01–20	03	See “Heater bank temperature” table
P14	Synthetics/Delicates and time in/ex 3 Process air temperature	00–36	11	See “Drying air temperature” table
P15	Synthetics/Delicates and time in/ex 3 Drive running time in primary direction	01–51	05	See “Reversing times” table
P16	Synthetics/Delicates and time in/ex 3 Drive running time in reverse direction	01–51	05	See “Reversing times” table
P17	Synthetics/Delicates and time in/ex 3 Drive pause time	01–14	01	See “Pauses” table
P18	PRO and time internal/external 4 Heater bank temperature	01–20	20	See “Heater bank temperature” table
P19	PRO and time internal/external 4 Process air temperature	00–36	36	See “Drying air temperature” table
P20	PRO and time internal/external 4 Drive running time in primary direction	01–51	21	See “Reversing times” table
P21	PRO and time internal/external 4 Drive running time in reverse direction	01–51	21	See “Reversing times” table
P22	PRO and time internal/external 4 Drive pause time	01–14	01	See “Pauses” table
P23	Label Heater bank temperature	01–20	20	See “Heater bank temperature” table
P24	Label Process air temperature	00–36	36	See “Drying air temperature” table
P25	Label Drum-drive primary direction	01–51	21	See “Reversing times” table
P26	Label Drum-drive reverse direction	01–51	21	See “Reversing times” table
P27	Label Drum-drive pause	01–14	01	See “Pauses” table
P28	Time cold Drum-drive primary direction	01–51	21	See “Reversing times” table
P29	Time cold Drum-drive reverse direction	01–51	21	See “Reversing times” table
P30	Time cold Drum-drive pause	01–14	01	See “Pauses” table
P31	Timed drying hot Heater bank temperature	01–20	20	See “Heater bank temperature” table
P32	Timed drying hot Process air temperature	00–36	36	See “Drying air temperature” table

Supervisor level (programming mode)

Program	Designation	Possible setting	Default setting	Explanation
P33	Timed drying hot Drum-drive primary direction	01–51	21	See “Reversing times” table
P34	Timed drying hot Drum-drive reverse direction	01–51	21	See “Reversing times” table
P35	Timed drying hot Drum-drive pause	01–14	01	See “Pauses” table
P36	Woolens Heater bank temperature	01–20	20	See “Heater bank temperature” table
P37	Woolens Process air temperature	00–36	36	See “Drying air temperature” table
P38	Woolens Drive running time in primary direction	01–51	21	See “Reversing times” table
P39	Woolens Drive running time in reverse direction	01–51	01	See “Reversing times” table
P40	Woolens Drive pause time	01–14	09	See “Pauses” table
P41	Minimum iron low temperature Heater bank temperature	01–20	03	See “Heater bank temperature” table
P42	Minimum iron low temperature Process air temperature	00–36	11	See “Drying air temperature” table
P43	Minimum iron low temperature Drive running time in primary direction	01–51	21	See “Reversing times” table
P44	Minimum iron low temperature Drive running time in reverse direction	01–51	21	See “Reversing times” table
P45	Minimum iron low temperature Drive pause time	01–14	01	See “Pauses” table
P46	Minimum iron Heater bank temperature	01–20	09	See “Heater bank temperature” table
P47	Minimum iron Process air temperature	00–36	31	See “Drying air temperature” table
P48	Minimum iron Drive running time in primary direction	01–51	21	See “Reversing times” table
P49	Minimum iron Drive running time in reverse direction	01–51	21	See “Reversing times” table
P50	Minimum iron Drive pause time	01–14	01	See “Pauses” table
P51	Fan pulsed operation off/on	00 01	00	00 = off 01 = on
P52	Fan pulsed operation: Time after start without fan pulsed operation	01–99	30	See table “Fan pulsed operation after start”
P54	Fan pulsed operation Number of re- versing cycles until next fan pulsed op- eration	01–99	02	01 = 1 cycle 02 = 2 cycles xx = xx cycles
P55	Finish tone	00 01 02	01	00 = off 01 = normal 02 = loud

Supervisor level (programming mode)

Program	Designation	Possible setting	Default setting	Explanation
P56	Keypad tone	00 01 02	01	00 = off 01 = normal 02 = loud
P57	Welcome tone	00 01 02	01	00 = off 01 = normal 02 = loud
P58	Fault alarm	00 01	00	00 = off 01 = on
P59	Backlight brightness	01 02 03 04 05 06 07	07	Brightness of the selected backlight
P60	Backlight brightness dimmed	01 02 03 04 05 06 07	02	01 = 10% of maximum brightness 02 = 20% of maximum brightness 03 = 30% of maximum brightness 04 = 40% of maximum brightness 05 = 50% of maximum brightness 06 = 60% of maximum brightness 07 = 70% of maximum brightness
P61	7-segment-display brightness	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15	07	Seven-segment display brightness
P62	Indicator switch-off behavior	00 01 02 03 04	04	00 = off 01 = on after 10 minutes, not during program in operation 02 = on after 10 minutes 03 = on after 30 minutes, not during program in operation 04 = on after 30 minutes
P63	Machine switch-off behavior	00 01 02 03	01	00 = no switch-off 01 = after 15 minutes 02 = after 20 minutes 03 = after 30 minutes

Supervisor level (programming mode)

Program	Designation	Possible setting	Default setting	Explanation
P65	Extended cooling down	00 01	01	00 = off 01 = on
P66	Cooling down temperature	00–15	15	00 = 40°C/104°F 01 = 41°C/106°F 02 = 42°C/108°F 03 = 43°C/109°F 04 = 44°C/111°F 05 = 45°C/113°F 06 = 46°C/115°F 07 = 47°C/117°F 08 = 48°C/118°F 09 = 49°C/120°F 10 = 50°C/122°F 11 = 51°C/124°F 12 = 52°C/126°F 13 = 53°C/127°F 14 = 54°C/129°F 15 = 55°C/131°F
P67	Memory	00 01	00	00 = off 01 = on
P68	Anti-crease	00 01 02 03 04 05 06 07 08 09 10 11 12	02	00 = off 01 = 1 h 02 = 2 h 03 = 3 h 04 = 4 h 05 = 5 h 06 = 6 h 07 = 7 h 08 = 8 h 09 = 9 h 10 = 10 h 11 = 11 h 12 = 12 h
P70	Clean filters	00–55	55	00 = off xx = xx h 55 = 55 h
P71	Delay start	00 01	01	00 = off 01 = on
P74	Program continued after door is opened	00 01	00	00 = off = program cancelled when door is opened 01 = on = program interrupted when door is opened
P85	Pressure sensor (external)	00 01 02	00	00 = off 01 = normally open contact 02 = normally closed contact
P86	External exhaust flap	00 01	00	00 = no 01 = yes

Supervisor level (programming mode)

Program	Designation	Possible setting	Default setting	Explanation
P87	External exhaust flap delay	00–99	00	00 = no delay 01 = 1 s 02 = 2 s 99 = 99 s
P88	Additional fan	00 01	00	00 = off 01 = on
P91	Select KOM module	00 01 02	00	00 = off 01 = internal module 02 = external module
P92	External program lock	00 01	01	00 = off 01 = on

Heater bank temperature

Set value in the display	Temperature
01	55°C/131°F
02	60°C/140°F
03	65°C/149°F
04	70°C/158°F
05	75°C/167°F
06	80°C/176°F
07	85°C/185°F
08	90°C/194°F
09	95°C/203°F
10	100°C/212°F
11	105°C/221°F
12	110°C/230°F
13	115°C/239°F
14	120°C/248°F
15	125°C/257°F
16	130°C/266°F
17	135°C/275°F
18	140°C/284°F
19	145°C/293°F
20	150°C/302°F

Drying air temperature

Set value in the display	Temperature
00	0°C/32°F
01	30°C/86°F
02	31°C/88°F
03	32°C/90°F
04	33°C/91°F
05	34°C/93°F
06	35°C/95°F
07	36°C/97°F

Supervisor level (programming mode)

Set value in the display	Temperature
08	37°C/99°F
09	38°C/100°F
10	39°C/102°F
11	40°C/104°F
12	41°C/106°F
13	42°C/108°F
14	43°C/109°F
15	44°C/111°F
16	45°C/113°F
17	46°C/115°F
18	47°C/117°F
19	48°C/118°F
20	49°C/120°F
21	50°C/122°F
22	51°C/124°F
23	52°C/126°F
24	53°C/127°F
25	54°C/129°F
26	55°C/131°F
27	56°C/133°F
28	57°C/135°F
29	58°C/136°F
30	59°C/138°F
31	60°C/140°F
32	61°C/142°F
33	62°C/144°F
34	63°C/145°F
35	64°C/147°F
36	65°C/149°F

Reversing cycle

Set value in the display	Seconds
01	20 s
02	22 s
03	24 s
04	26 s
05	28 s
06	30 s
07	32 s
08	34 s
09	36 s
10	38 s
11	40 s
12	42 s

Supervisor level (programming mode)

Set value in the display	Seconds
13	44 s
14	46 s
15	48 s
16	50 s
17	52 s
18	54 s
19	56 s
20	58 s
21	60 s
22	62 s
23	64 s
24	66 s
25	68 s
26	70 s
27	72 s
28	74 s
29	76 s
30	78 s
31	80 s
32	82 s
33	84 s
34	86 s
35	88 s
36	90 s
37	92 s
38	94 s
39	96 s
40	98 s
41	100 s
42	102 s
43	104 s
44	106 s
45	108 s
46	110 s
47	112 s
48	114 s
49	116 s
50	118 s
51	120 s

Supervisor level (programming mode)

Pauses

Set value in the display	Seconds
01	2 s
02	3 s
03	4 s
04	5 s
05	6 s
06	7 s
07	8 s
08	9 s
09	10 s
10	11 s
11	12 s
12	13 s
13	14 s
14	15 s

Fan pulsed operation after start

Set value in the display	Seconds
01	30 s
02	60 s
03	90 s
04	120 s
05	150 s
06	180 s
07	210 s
08	240 s
09	270 s
10	300 s
11	330 s
12	360 s
13	390 s
14	420 s
15	450 s
16	480 s
17	510 s
18	540 s
19	570 s
20	600 s
21	630 s
22	660 s
23	690 s
24	720 s
25	750 s
26	780 s

Supervisor level (programming mode)

Set value in the display	Seconds
27	810 s
28	840 s
29	870 s
30	900 s
31	930 s
32	960 s
33	990 s
34	1,020 s
35	1,050 s
36	1,080 s
37	1,110 s
38	1,140 s
39	1,170 s
40	1,200 s
41	1,230 s
42	1,260 s
43	1,290 s
44	1,320 s
45	1,350 s
46	1,380 s
47	1,410 s
48	1,440 s
49	1,470 s
50	1,500 s
51	1,530 s
52	1,560 s
53	1,590 s
54	1,620 s
55	1,650 s
56	1,680 s
57	1,710 s
58	1,740 s
59	1,770 s
60	1,800 s
61	1,830 s
62	1,860 s
63	1,890 s
64	1,920 s
65	1,950 s
66	1,980 s
67	2,010 s
68	2,040 s
69	2,070 s
70	2,100 s

Supervisor level (programming mode)

Set value in the display	Seconds
71	2,130 s
72	2,160 s
73	2,190 s
74	2,220 s
75	2,250 s
76	2,280 s
77	2,310 s
78	2,340 s
79	2,370 s
80	2,400 s
81	2,430 s
82	2,460 s
83	2,490 s
84	2,520 s
85	2,550 s
86	2,580 s
87	2,610 s
88	2,640 s
89	2,670 s
90	2,700 s
91	2,730 s
92	2,760 s
93	2,790 s
94	2,820 s
95	2,850 s
96	2,880 s
97	2,910 s
98	2,940 s
99	2,970 s

Quitting programming mode

- To quit programming mode, turn the selector dial on the dryer to the  position.
The dryer will be switched off.

Pairing instructions

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

Opening the supervisor level

- Switch on the machine 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.
- Continue to hold 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

- In the supervisor level, use the < or > sensor controls to select *P91*.
- Then use the < or > sensor controls to select the internal communication module *-01*.
- Confirm with the Start/Stop sensor control.
- Restart the tumble dryer by turning the selector dial to the  position.
- Switch the machine 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 continue to 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 machine is now successfully connected.

Establishing a temporary network connection via soft AP

The network connection via soft AP (software access point) is only possible if the tumble dryer is not already connected to a network.

- In the supervisor level, use the < or > sensor controls to select *P91*.
- Then use the < or > sensor controls to select the internal communication module *-01*.
- Confirm with the Start/Stop sensor control.
- Restart the tumble dryer by turning the selector dial to the  position.
- Switch the machine on again by turning the rotary control from the  position to any other position.
- Press and hold the  sensor control until *APP* appears 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 word *A.P.P.*

Then continue with the Device Connector in Miele MOVE.

Networking

Establishing the network connection using a LAN cable

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

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

The machine is now successfully connected.

Technical data

System requirements for WiFi

- WiFi 802.11b/g/n
- 2.4 GHz band
- WPA/WPA2 encryption
- DHCP activated
- MulticastDNS/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
- MulticastDNS/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 machine.

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

* Displayed on the machine

** Number of bars  3/3–0/3

The signal strength can be disturbed by many influences:

- people in the room
- open or closed doors
- moved objects
- varying radio signal sources or interference
- other machines with Bluetooth or WiFi wireless technology

Cleaning the lint filter

 Risk of fire if the tumble dryer is operated without a lint filter. If there is no lint filter, the air channels, heating elements, and ducting can become clogged during drying and may catch fire. The lint filter must not be removed for cleaning. Never use the tumble dryer without the lint filter in place. Always replace a damaged lint filter immediately.

The lint filter collects lint released by fabrics. The lint filter must be cleaned at least once every working day as well as whenever a prompt to clean it appears in the display. In the event of a heavy build-up of lint, the lint filter should be cleaned several times per day.

- To open the lint filter compartment cover, turn the handle on the lint filter compartment cover 90° counterclockwise.
- Pull the lint filter compartment cover forward and remove it carefully.

Trip hazard when the lint filter compartment cover is removed. A removed lint filter compartment cover poses a trip hazard. Keep the lint filter compartment cover closed at all times. Only open the lint filter compartment cover to clean the filter.

- Position the lint filter compartment cover in a safe and visible place. The lint filter compartment cover must not be at risk of tipping over.
- Remove the lint from the lint filter using your hands.

 Risk of damage due to pointed or sharp-edged objects. Using pointed or sharp-edged objects for cleaning can damage the lint filter. Never use pointed or sharp-edged objects for cleaning.

 Risk of crushing when closing the lint filter compartment cover. There is a risk of trapping or crushing hands when closing the lint filter compartment cover. Always take care when closing the lint filter compartment cover.

- After cleaning, carefully guide the lint filter compartment cover into the tumble dryer and close it.
- To close the lint filter compartment cover, turn the handle on the lint filter compartment cover 90° clockwise.

Cleaning the drum and the outside of the casing

 Risk of death due to electric shock. The tumble dryer must be completely disconnected from the electricity supply before performing cleaning or maintenance work. Before starting cleaning or maintenance work, always switch off the tumble dryer at the on-site power switch. Do not use a pressure washer or water jet to clean the tumble dryer.

 Risk of damage due to solvent-based cleaning agents and abrasive cleaners.

Solvent based cleaning agents, abrasive cleaners, glass cleaners, or all-purpose cleaners can cause damage to plastic surfaces and other parts.

Clean the tumble dryer with a slightly damp all-purpose cloth and a mild non-abrasive cleaning agent or soapy water.

- Clean the seal around the inside of the door with a damp all-purpose cloth.
- The tumble dryer drum must be wiped clean with a soft, damp all-purpose cloth after drying items that have been starched.
- Dry all the parts with a soft all-purpose cloth.
- The drum and other stainless steel parts can be cleaned with a suitable stainless steel cleaner if you wish.

The air intake vent is located on the rear of the tumble dryer.

This vent must never be covered or blocked with objects.

Keep the area around the tumble dryer – in particular the air intake – clear of lint.

Tip: The Miele Cleaning Set is available as an optional accessory for effective and gentle cleaning of the tumble dryer.

Additional annual cleaning

Miele Technical Service or a trained specialist must check the interior of the tumble dryer and the ducting for lint deposits **once per year** and clean the machine if necessary. In the case of electrically-heated tumble dryers, the heater bank and the heating shaft must also be checked by Miele Technical Service Department. In the case of gas-heated dryers, the burner and the burner area must be checked.

Sliding contact maintenance for tumble dryers with residual moisture control (ROP)

Tumble dryers with residual moisture control (ROP) contain sliding contacts with carbon brushes that are required to detect residual moisture. As the carbon brushes are subject to wear, the sliding contacts must be replaced regularly by Miele Service or trained specialists. A suitable maintenance kit is available separately from Miele.

Miele recommends maintenance intervals of 4 years for slip contacts.

Problem solving guide . .

Problem solving guide

Most faults can be easily remedied. You can save time and money in many cases, as you do not need to contact Miele Service. The following guide should help you to find the reason for a fault, and to correct it. Please note:

⚠ Repair work to electrical machines must only be carried out by an authorized technician. Incorrect repairs can cause considerable danger to users.

Problem solving guide

Message	Possible cause and solution
The display remains dark.	There is no power to the tumble dryer. ■ Check the electrical plug, main switch, and fuses (on site).
The // symbol appears in the time display after the tumble dryer is switched on. The Start/Stop sensor control pulsates.	The drying program in progress was canceled due to an interruption to the power supply or by turning the program selector to the  position. ■ Touch the pulsating sensor control Start/Stop . The drying program is resumed.

Unsatisfactory drying results

Problem	Possible cause and solution
The laundry is not dried sufficiently.	The load consisted of different types of fabric. ■ Finish drying using the <i>Timed drying warm air</i> program.
The laundry or feather-filled pillows develop a smell after drying.	The laundry was washed with insufficient detergent. Feathers have a tendency of developing a strong odor when they are warm. ■ Laundry: Use sufficient detergent. ■ Pillows: Take out of the tumble dryer and air them.
Items made of synthetic fibers are charged with static electricity after drying.	Synthetic fibers tend to attract static charge. ■ Static charge can be reduced by adding a fabric softener to the final rinse in the washing program.
Lint is caused by tumble drying.	Lint 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 lint to form. Lint is collected by the lint filters and fine filter and can be easily removed. ■ See "Cleaning and care".

Contact in case of fault

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

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

Please quote the model and serial number of your appliance when contacting Miele. Both pieces of information can be found on the data plate.

Installation

Installation requirements

⚠ Risk of injury or damage to property due to improper installation.

Incorrect installation of the tumble dryer can lead to personal injury or damage to property.

The tumble dryer must only be installed and commissioned by Miele Customer Service or an authorized dealer.

- ▶ Suitable personal protective equipment must be worn during installation or maintenance.
- ▶ The tumble dryer must be installed in accordance with all relevant regulations and standards.
- ▶ The dryer must only be operated in a room that has sufficient ventilation and which is frost-free.
- ▶ The tumble dryer must not be installed behind a closeable door or a sliding door. The maximum opening angle of the tumble dryer door must not be limited by objects or doors. It must be possible to fully open the tumble dryer door at any time.

General operating conditions

This dryer is intended only for use in a commercial environment and must only be operated indoors.

Do not install the tumble dryer in a room where there is a risk of frost.

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 tumble dryer

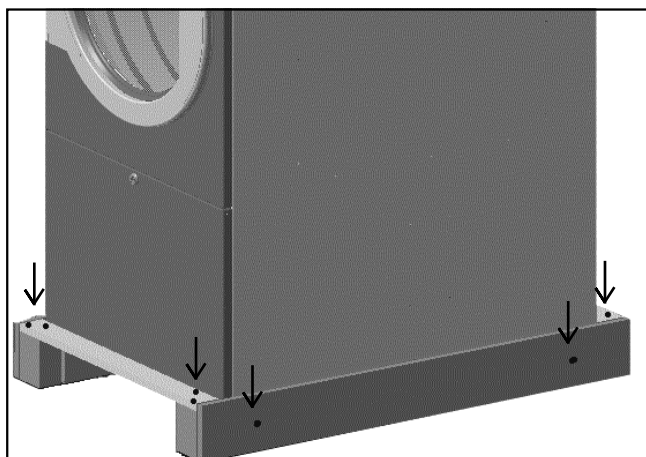
⚠ Risk of injury caused by the tumble dryer tipping over.

When transporting the tumble dryer, there is the risk of the appliance tipping over.

The tumble dryer must only be transported without a transport pallet.

Suitable transport aids must always be used during transportation.

- Transport the tumble dryer to the installation site using a suitable pallet truck.
- Remove the transport packaging.



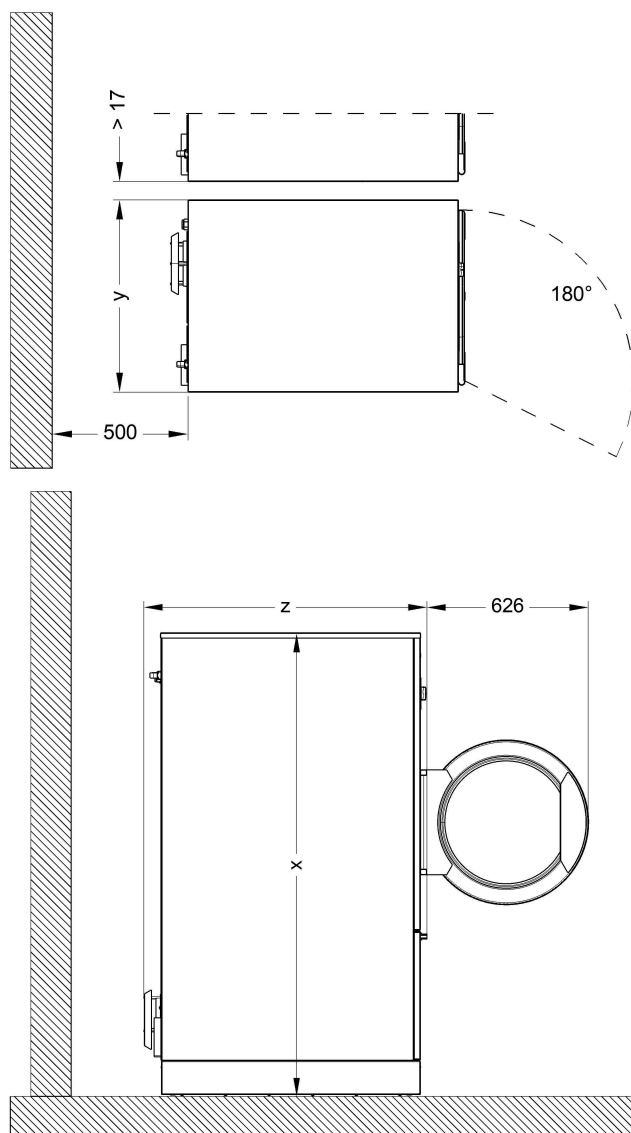
- Unscrew Torx screws (Torx T 20 and T 30) from the wooden pallet and remove the wooden battens.
- Remove the wooden battens.

- Lift the tumble dryer with the pallet truck.
- Install the 4 adjustable feet supplied.

Installing the tumble dryer

- Place the tumble dryer on a perfectly level, secure, and horizontal surface that is able to withstand the specified floor load.

The floor load created by the tumble dryer is concentrated and transferred to the installation surface via the adjustable feet. A base is not required. However, an uneven floor surface must be compensated for.

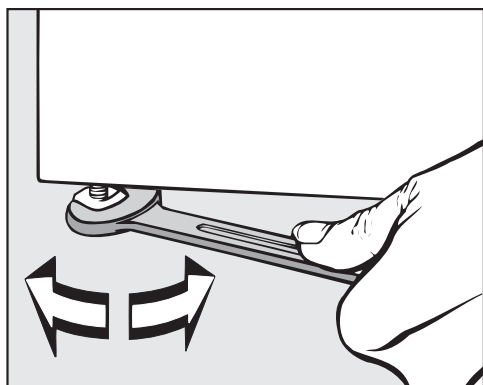


	PDR 516 SL
x	70 7/8" (1,800 mm)
y	27 15/16" (710 mm)
z	42 15/16" (1,090 mm)

- To ensure a sufficient flow of air to the machine and to facilitate any future maintenance work, a maintenance corridor with a width of at least 19 11/16" (500 mm) must be set up behind the machine and must be accessible at all times. The distance between the machine and any walls must not fall below the specified minimum values.

Installation

- The tumble dryer must be aligned and set up on a level surface. Adjust its feet until the machine is level. After the machine has been aligned, screw the nuts tightly to the base plate using a screwdriver.



Tip: Use a level to ensure correct alignment.

Electrical connection

 Danger caused by improper electrical connection.
There is a risk of serious damage, injury, or even death if installation work is carried out incorrectly.
All electrical connection work must be carried out by a qualified electrician in accordance with local and national safety regulations.

The electrical installation must be carried out in accordance with IEC 60364-4-41 or the local regulations.

The required supply voltage, power rating, and fuse rating can be found on the data plate on the tumble dryer. Ensure that the supply voltage matches the voltage quoted on the data plate before connecting the machine to the electricity supply.
Connection to a supply voltage other than the one quoted on the data plate can damage the tumble dryer if the voltage is too high.

If more than one voltage is specified on the data plate, the tumble dryer can be converted for connection to the relevant input voltage. This conversion must be performed by Miele Service or by an authorized dealer only. During the conversion, the wiring instructions given on the wiring diagram must be followed.

The tumble dryer can either be hard-wired or connected using a plug-and-socket connection in accordance with IEC 60309-1. For a hard-wired connection, an all-pole disconnect switch must be available at the installation site.

A disconnect switch is a switch which ensures a contact opening of more than 1/8" (3 mm). These include circuit breakers, breakers, and contactors (IEC/EN 60947).

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

Tip: We recommend connecting the tumble dryer to the power supply via a plug and socket so that it is easier to conduct electrical safety checks (e.g., during maintenance or repair work).

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

► For added safety, a type B residual current device must be connected upstream of the machine in accordance with the installation plan. Installation must be carried out on site by the operator.

Supply air/exhaust air

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

Calculating the total length and diameter of a supply-air or exhaust pipe

The length of the required ductwork and the number and shape of the elbows are determined by the structural conditions on-site. In order to maximize the airflow efficiency, the pipeline should be as short as possible and contain few or minimal elbows.

 The exhaust ducting must not be made from flammable materials.
Otherwise there is a risk of fire.
Use only non-flammable materials for the exhaust ducting. All local regulations for metallic ducting must be observed. Plastic must not be used for ventilation.

Installation

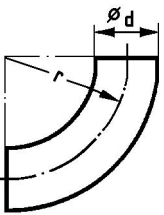
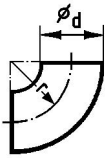
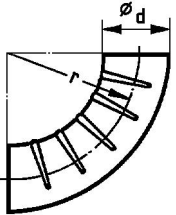
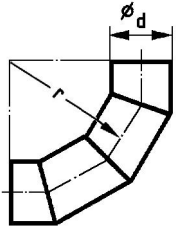
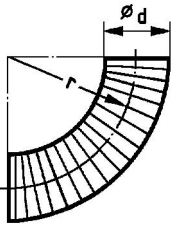
In upward exhaust ducting systems, a condensate drain must be fitted to the bottom. The condensate must be drained via a water collection tray or a floor drain positioned in an appropriate location.

If air is being directed from multiple appliances into a combined line (exceptional circumstances), a non-return device (non-return flap) must be installed in each separate line to prevent backflow.

To make subsequent cleaning of the pipes easier, cleaning flaps should be fitted to elbows wherever possible.

The on-site exhaust ducting and venting to the outdoors must be regularly checked for lint deposits and cleaned if necessary.

Substitute pipe lengths

Type of elbow	Type		PDR 516 SL
	90° elbow	$r = 2d$	3' 7 5/16" (1.1 m)
	45° elbow	$r = 2d$	2' 3 9/16" (0.7 m)
	90° elbow	$r = d$	6' 2 13/16" (1.9 m)
	45° elbow	$r = d$	3' 7 5/16" (1.1 m)
	90° concertina pipe elbow	$r = 2d$	10' 6" (3.2 m)
	45° concertina pipe elbow	$r = 2d$	6' 6 3/4" (2.0 m)
	90° segmented elbow (3 welded seams)	$r = 2d$	3' 11 1/4" (1.2 m)
	90° elbow, Westaflex ducting	$r = 2d$ $r = 4d$	3' 11 1/4" (1.2 m) 2' 11 7/16" (0.9 m)
	45° elbow, Westaflex ducting	$r = 2d$ $r = 4d$	3' 3 3/8" (1.0 m) 2' 7 1/2" (0.8 m)
	Non-return flap		18' 9/16" (5.5 m)

Maximum permissible total ducting length

Internal minimum pipe diameter (metal ducting)	PDR 516
5 7/8" (150 mm)	32' 9 11/16" (10 m)
7 1/16" (180 mm)	88' 7" (27 m)
7 7/8" (200 mm)	157' 5 3/4" (48 m)
Permissible counter pressure in the exhaust ducting	50 psi (350 Pa)

When connected to the vent ducting through the exhaust duct of a machine, particular care must be taken to make sure the connection is secure and air-tight.

With complex ducting with many bends and additional components, or when several different machines are connected to a shared duct, it is recommended that a detailed pipework calculation is carried out by a qualified specialist.

The vent ducting must not be channeled into a chimney or flue already in use for any gas-, coal-, or oil-burning installation. The warm and moist exhaust air is to be conducted outside or to a suitable venting duct over the shortest path possible. The vent ducting must be laid so that air flow is not hindered. To achieve this, use as few bends as possible along with short pipelines and well-made connections and transitions checked for air-tightness. No filters or grilles may be fitted in the vent ducting.

The end of the vent ducting leading out into the open should be protected against the elements, e.g., with a downward-facing 90° bend.

 During tumble dryer operation, the room must be adequately ventilated.

Room ventilation opening for air intake from the setup room

The minimum dimension of the ventilation opening depends on the cross-section of the vent duct.

Installation

Vent duct			Minimum dimension for ventilation opening		
⌀	□	A	A	⌀	□
6" (150 mm)	-	27 7/16" ² (177 cm ²)	82 5/16" ² (531 cm ²)	10 1/4" (260 mm)	9 1/16" (230 mm)
-	6" (150 mm)	34 7/8" ² (225 cm ²)	104 5/8" ² (675 cm ²)	11 5/8" (295 mm)	10 1/4" (260 mm)
7 1/16" (180 mm)	-	39 3/8" ² (254 cm ²)	118 1/8" ² (762 cm ²)	12 3/8" (315 mm)	11" (280 mm)
-	7 1/16" (180 mm)	50 1/4" ² (324 cm ²)	150 11/16" ² (972 cm ²)	14" (355 mm)	12 3/8" (315 mm)
7 7/8" (200 mm)	-	48 11/16" ² (314 cm ²)	146" ² (942 cm ²)	13 3/4" (350 mm)	12 3/16" (310 mm)
-	7 7/8" (200 mm)	62" ² (400 cm ²)	186" ² (1,200 cm ²)	15 9/16" (395 mm)	13 3/4" (350 mm)
8 11/16" (220 mm)	-	58 7/8" ² (380 cm ²)	176 11/16" ² (1,140 cm ²)	15" (381 mm)	14 13/16" (377 mm)
-	8 11/16" (220 mm)	75" ² (484 cm ²)	225 1/16" ² (1,452 cm ²)	16 15/16" (430 mm)	15 1/16" (382 mm)
9 13/16" (250 mm)	-	76 1/8" ² (491 cm ²)	228 5/16" ² (1,473 cm ²)	17 1/8" (435 mm)	15 3/16" (385 mm)
-	9 13/16" (250 mm)	96 7/8" ² (625 cm ²)	290 5/8" ² (1,875 cm ²)	19 5/16" (490 mm)	17 1/8" (435 mm)
11 3/16" (300 mm)	-	109 9/16" ² (707 cm ²)	328 3/4" ² (2,121 cm ²)	20 1/2" (520 mm)	18 1/8" (460 mm)
-	11 3/16" (300 mm)	139 1/2" ² (900 cm ²)	418 1/2" ² (2,700 cm ²)	23 1/4" (590 mm)	20 1/2" (520 mm)

Table 3

⚠ Risk of electric shock and injury due to using the tumble dryer without the complete casing.

If the casing is dismantled, it is possible to come into contact with live or rotating machine parts.

Once the tumble dryer has been installed, replace all the casing parts that were removed.

Optional accessories for this tumble dryer are available from your Miele dealer or from Miele Customer Service.

► Only use genuine Miele spare parts and accessories with this machine. Using parts or accessories from other manufacturers will invalidate the warranty, and Miele cannot accept liability.

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., peak-load systems, pressure sensors, or an external vent flap.

The communication box is supplied with 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.

APCL106

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. In addition, it can display detailed machine and program 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 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.

Optional accessories

Copyrights and licenses

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.

This communication module contains software components which are distributed under open source license 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 additional information can be accessed locally by IP via a web browser (<https://<IP address>/Licenses>). The liability and warranty arrangements for the open source licenses displayed in this location only apply in relation to the respective rights holders.

Original spare parts and accessories

Miele machines are highly durable due to their excellent quality. If, however, repair work does become necessary, key functional spare parts will remain available for up to 15 years following discontinuation (this does not apply to digital products or products for process documentation).

Contact Miele Customer Service if you need spare parts and accessories or would like personalized advice.

 **Danger** due to improperly performed service and repair work.

Service and repair work should only be carried out by a suitably qualified electrician in accordance with all appropriate safety requirements.

Servicing, modification, testing, and maintenance of electrical machines must be carried out in accordance with all appropriate legal requirements, accident prevention regulations, and valid standards.

All live wires must be safely disconnected before any service or repair work is commenced on the machine.

Technical data

	PDR 516 SL
Height	70 7/8" (1,800 mm)
Width	28" (711 mm)
Depth	42 5/16" (1,075 mm)
Depth with door open	69 5/16" (1,760 mm)
Net weight	322 lb (146 kg)
Drum volume	300 L
Maximum load size (dry weight)	35.3 lb (16 kg)
Connection voltage	See data plate
Fuse rating (on site)	See data plate
Power rating	See data plate
Issued test codes	See data plate
Permitted room temperature	36–104°F (2–40°C)
Max. floor load in operation	1,664 N
Product safety standards	EN/IEC 60335-1; EN 50570; IEC 60335-2-11
Sound pressure level, EN ISO 11204	< 70 dB (A)
Sound power level, EN ISO 9614-2	< 80 dB (A)
Frequency range	2.4000–2.4835 GHz
Maximum transmission power	< 100 mW

ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES AND CONTAINS LICENSE-EXEMPT TRANSMITTER(S)/RECEIVER(S) THAT COMPLY WITH INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA'S LICENCE-EXEMPT RSS STANDARD(S). OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

Contains FCC ID: 2ACUWEK047

Contains IC: 5669C-EK047

RADIATION EXPOSURE STATEMENT: THIS EQUIPMENT COMPLIES WITH FCC AND WITH ICSED RADIATION EXPOSURE LIMITS SET FORTH FOR AN UNCONTROLLED ENVIRONMENT. THIS EQUIPMENT SHOULD BE INSTALLED AND OPERATED WITH A MINIMUM DISTANCE OF 20CM BETWEEN THE RADIATOR AND YOUR BODY. THIS DEVICE AND ITS ANTENNA(S) MUST NOT BE CO-LOCATED OR OPERATION IN CONJUNCTION WITH ANY OTHER ANTENNA OR TRANSMITTER.



Please have the model and serial number
of your machine available when
contacting Technical Service.

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