Miele

marine



Operating and installation instructions for condenser tumble dryer PT 7135 C Vario

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

en - GB

M.-Nr. 09 759 080

Caring for the environment

Disposal of the packing material

The transport and protective packing has been selected from materials which are environmentally friendly for disposal and should be recycled.

Ensure that any plastic wrappings, bags, etc are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation.

Disposal of your old machine

Electrical and electronic machines often contain materials which, if handled or disposed of incorrectly could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your machine. Please do not therefore dispose it with your household waste.



Please dispose of it at your local community waste recycling centre or contact your dealer for advice. Ensure that it presents no danger to children while being stored for disposal.

Energy saving tips

To avoid unnecessarily long drying times and high consumption of energy:

– Make sure that your laundry is thoroughly spun before drying. The higher the spin, the greater the savings that can be made in energy and time during drying.

– Load according to the optimum amount of laundry recommended for the programme being used. Underloading is uneconomical. Overloading gives a poorer quality of drying and may cause unnecessary creasing.

– Make sure the room in which the dryer is located is well ventilated.

– After every cycle remove the fluff from the fluff filter in the door and in the door opening (see "Cleaning and Care").

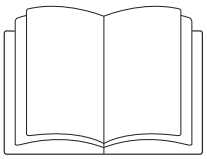
– Check the condenser unit from time to time and clean it when necessary.

Contents

Caring for the environment 2
Warning and Safety instructions 5
Operating the tumble dryer 16
Control panel 16
Before using for the first time 16
Display 17
Operating the tumble dryer in Laundrette mode 19
Notes and tips on laundry care 20
1. Sort the laundry 20
2. Load the tumble dryer 21
3. Select a programme 21
Short instructions 22
Selecting a programme 26
Selecting/changing a programme 26
Low temperature 28
Saving a favourite programme 28
Timer 29
Changing the programme sequence 30
Payment system 30
Once a programme has started 30
- changing the programme 30
- cancelling the programme 30
Adding or removing laundry after a programme has started 30
Power cut 30
Time remaining 30
Cleaning and care 31
Cleaning the fluff filters 31
Cleaning them whilst dry 31
Cleaning them with water 32
Replacing the filters 32
Cleaning the tumble dryer 33
Cleaning the heat exchanger 34
Removing the heat exchanger 34
Checking the condenser unit (heat exchanger unit) 35
To clean the condenser unit 35
Replacing the condenser unit 36

Contents

Problem solving guide 37
Problem solving guide 37
Check and fault messages in the display 37
An unsatisfactory drying result 39
Other problems 40
Changing the lamp 43
After sales service 44
Repairs 44
PC / Optical interface 44
Optional accessories 44
Installation and connection 45
Front view 45
Side view 46
Rear view 46
View from above 46
Washer-dryer stack 46
Installing the tumble dryer 47
Transporting the dryer to its installation site 47
Levelling the machine 47
Room in which the dryer is located 48
Securing the tumble dryer against slippage 48
Payment system 48
External drainage of the condensed water 49
Electrical connection 50
Technical data 51



▶ It is **essential** to read these instructions.

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

To avoid the risk of accidents and damage to the tumble dryer, please read these instructions carefully before using it for the first time. They contain important information on its safety, installation, use and maintenance.

Keep these instructions in a safe place and ensure that they are made available to new users. They must be made aware of these Warning and Safety instructions.

Pass these instructions on to any future users/owners.

Correct application

▶ 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.
If using dry cleaning kits, do so at your own risk, and follow the instructions provided on the packaging.
Any other applications may be dangerous. Miele cannot be held liable for damage resulting from incorrect or improper use or operation.

▶ The tumble dryer is not intended for outdoor use.

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

▶ 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 in a safe way 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.

Technical safety

▶ Before setting up the tumble dryer, check it for any externally visible damage.
Do not install or use a damaged tumble dryer.

▶ Do not make any alterations to the tumble dryer, unless authorised to do so by Miele.

▶ Do not connect the tumble dryer to the mains electricity supply by an extension lead. Extension leads are a fire hazard and do not guarantee the required safety of the tumble dryer.

▶ The tumble dryer may only be operated when the following conditions are met:

– the ship's hull is longer than 28 metres.
– the list of the vessel is not more than 2°.
– any external vibration is no more than 150 Hz at an amplitude of 0.35 mm.

The safe operation and correct functioning of the tumble dryer can only be guaranteed if the above conditions are met.

▶ The tumble dryer may not be operated on an open deck.

▶ Appliances not marked with the CSA C/US Safety Label comply with European safety regulations. These tumble dryers must not be operated in the USA.

▶ A risk assessment of the installation must be carried out by a suitably qualified engineer before this appliance is installed or used. Installation must only be carried out by a suitably qualified engineer.

▶ The tumble dryer must be fixed in position when it is installed. Failure to do this could result in personal injury and damage to property.

▶ 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 electrical installation tested by a qualified electrician. Miele cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

▶ Unauthorised repairs could result in unforeseen dangers for the user, for which Miele cannot accept liability. Repairs should only be undertaken by a Miele authorised service technician, otherwise any subsequent damage will not be covered by the guarantee. Ensure current is not supplied to the tumble dryer until after maintenance or repair work has been carried out.

▶ Faulty components must only be replaced by genuine Miele original spare parts. Only when these parts are fitted can the safety standards of the tumble dryer be guaranteed.

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

▶ The tumble dryer must be isolated from the electricity supply in the event of a fault and during cleaning and maintenance.
Please also read the "Installation and connection" and the "Electrical connection" sections.

▶ Please observe the instructions in "Installation and connection" and "Technical data".

▶ The socket must be easily accessible after installation in order to disconnect the tumble dryer from the electricity supply.

▶ For hard-wired machines, the all-pole isolator provided on-site must be easily accessible after installation in order to disconnect the tumble dryer from the electricity supply.

▶ Do not block the gap between the base of the dryer and the floor with plinth facings, deep pile carpet etc. as this would hinder a sufficient intake of air.

▶ Make sure the dryer door can be opened without hindrance after installation.

▶ In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the tumble dryer and its surroundings in a clean condition at all times. Any damage which may be caused by cockroaches or other vermin will not be covered by the appliance guarantee.

Correct use

▶ The maximum load of dry laundry for this tumble dryer is 6.5 kg. See the Programme chart for the maximum recommended loads in individual programmes.

▶ Do not let anyone sit or lean on the door, as this can cause the tumble dryer to tip up. Danger of injury.

▶ Always close the door after use. This way you will avoid the danger of:

– children climbing into the dryer or hiding things in it.

– pets or other small animals climbing into it.

▶ Do not use a pressure washer or hose to clean the tumble dryer.

▶ Always keep the area around the tumble dryer free of dust and fluff. Dust and dirt drawn into the tumble dryer can cause blockages. Faults can then occur as well as the risk of fire.

▶ The dryer must not be used without the fluff filters in place or if the fluff filters are damaged in any way. Damaged filters can cause operational faults and blockages in the airways, condenser unit and heating elements. Fire hazard.
In the event of a damaged filter, switch the dryer off and replace the filter with a new one.

▶ The fluff filters must be cleaned regularly.

▶ The dryer must not be used without the condenser unit in place.

▶ The fluff filters must be thoroughly dried after cleaning. Damp or wet filters could cause operational faults.

▶ Do not install the tumble dryer in a room where there is a risk of frost occurring. At temperatures around freezing point the tumble dryer may not be able to operate properly.
There is a risk of damage if the condensed water is allowed to freeze in the pump and hoses.
The ambient room temperature should be between +2°C and +35°C.

▶ If the water is drained externally instead of being collected in the condensed water container, make sure the drain hose is securely attached if you hang it in a sink or basin to avoid the hose slipping and the water causing damage.

▶ Condensed water is not drinking water.
It can cause health problems in both people and animals.

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

– items which have not been washed.

– items, such as workwear, which have not been thoroughly cleaned and which are still soiled with grease, oil or other deposits (such as cosmetics, lotions etc).
  If items have not been thoroughly cleaned there is a danger that these might self-ignite when heated, even after they have been removed from the dryer at the end of the programme.

– items (e.g. mops and floor cloths) which have been treated with inflammable cleaning agents or which contain residues of acetone, alcohol, benzine, petrol, kerosene, stain remover, turpentine, wax, wax remover or other chemicals.

– items which have been splashed with hair lacquer, hair spray, nail varnish remover or similar substances.

When washing such heavily soiled items ensure that you use sufficient detergent and select a high temperature. If in doubt, wash the items several times.

▶ Remove all items such as lighters and matches from pockets.

▶ **Warning**: Do not switch the tumble dryer off before the drying programme has finished. If this is done, the laundry must be hung up or spread out to cool it down.

▶ Danger.
This tumble dryer must not be connected to a controllable socket (e.g. a timer switch or a peak load shut-off device).
If the dryer programme were to be interrupted before the end of the cooling down phase, the laundry could self-combust.

▶ To prevent the risk of fire, the following must not be tumble dried:
– items which have been cleaned using chemicals (e.g. professional dry-cleaning agents).
– fabrics 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 igniting in the dryer.

▶ In many programmes, the heating phase is followed by a cooling down phase to ensure that the items are not too hot to handle when you remove them (this also avoids the danger of the laundry self-igniting). The programme is not finished until the cooling down phase has been completed.
As soon as the programme has finished, remove all laundry from the drum.

▶ Fabric conditioner and similar products must be used according to the instructions on the manufacturer's packaging.

▶ Benzine, petrol, paraffin or any easily flammable liquid must not be stored or used near the tumble dryer. Danger of fire and explosion.

▶ Do not allow air contaminated with chlorine, fluorine or other vapours containing solvents to get into the tumble dryer. Fire hazard.

▶ For tumble dryers with stainless steel surfaces:
The stainless steel surfaces must not come into contact with liquid cleaning and disinfecting agents which contain chlorine or sodium hypochlorite. These agents can have a corrosive effect on stainless steel.
Aggressive vapours containing chlorine can also be corrosive.
Do not, therefore, store containers of these agents near the tumble dryer.

Accessories

▶ Only use genuine Miele original spare parts and accessories with this tumble dryer.
If non-Miele parts are used, guarantee, performance and product liability claims may be invalidated.

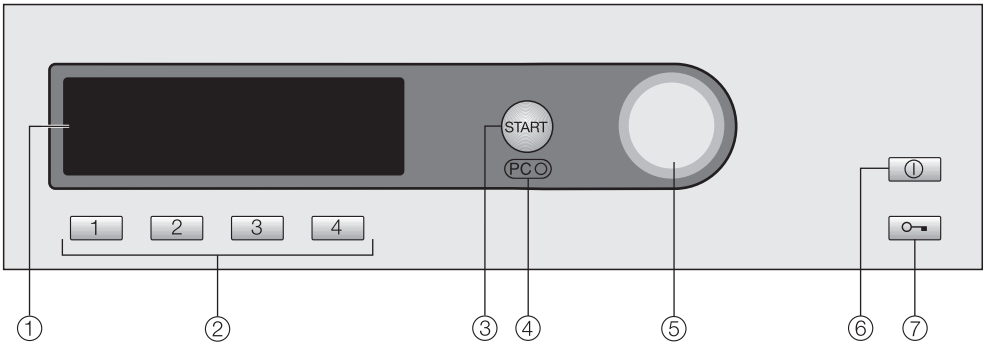
▶ A Miele tumble dryer can be stacked on top of a Miele washing machine using the appropriate stacking kit (available as an optional accessory). Please make sure you order the correct one for the Miele tumble dryer and Miele washing machine.

▶ If installing the machine on a Miele plinth, (available as an optional accessory), please make sure you order the correct one for this tumble dryer.

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

Operating the tumble dryer

Control panel



① **Display**
After the machine has been switched on, the display lights up.
As soon as the dryer is ready to use, the Entry menu appears in the display.

② **Short cut buttons (keys)**
For selecting an individual drying programme quickly. These buttons can be programmed to select your own favourite drying programmes.

③ ***Start*** **button**
The indicator light flashes when a programme can be started and lights up when the programme starts.

④ **PC/Optical interface**
This is used by Miele service technicians during servicing work for testing purposes.

⑤ **Multi-function selector**
This is used to select menu options (by turning it) and to confirm your selection (by pressing it).

⑥ ***On/Off*** **button** ⏻
For switching the dryer on and off.
To save energy the dryer will switch off automatically 15 minutes after the end of the programme/anti-crease phase or 15 minutes after the dryer is switched on if it no other selection is made.

⑦ **button**
Opens the machine door independently of the electricity supply.

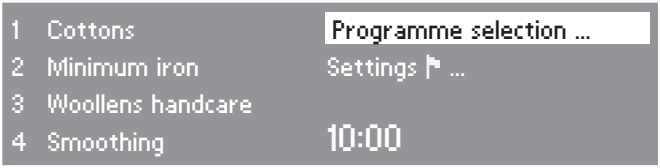
Before using for the first time

Before using the machine for the first time, ensure that it is correctly installed and connected. See "Installation and connection".

Commission the machine as described in the separate booklet "Commissioning, Programme chart and Settings" supplied with the machine.

Display

Entry menu



When the tumble dryer is switched on, the entry menu (with four favourite programmes listed) appears with *Programme selection* highlighted.

Multi-function selector

Turning the multi-function selector moves the highlighting to the next option.

Pressing the multi-function selector selects the highlighted option.

Shortcut buttons

Pressing a shortcut button selects one of the four favourite programmes shown on the left of the display.

If you wish to change the programmes shown in this list you can do so (see "Selecting a programme - Saving a favourite programme" for more information).

The shortcut buttons have different functions in the other menus. Where this is the case, an arrow ▼ will appear in the display above the shortcut button, together with a description of its function .

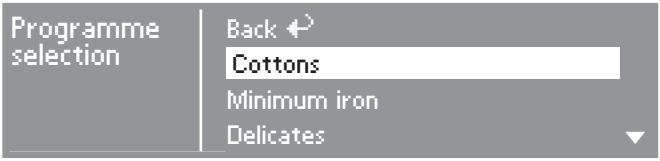
Programme selection

There are two ways of selecting a programme:

– Option 1: Select the *Programme selection* menu in the display and confirm your selection by pressing the multi-function selector.

– Option 2: Press shortcut button 1 2 3 or 4 . This will automatically take you into the main menu for that programme.

Programme selection menu



You can use the multi-function selector to select any programme. The highlighting will move up or down depending on the direction the multi-function selector is turned in.

The ▼▲ arrows on the right of the display, indicate further options.

Pressing the multi-function selector takes you to the main menu of the programme selected.

Drying programme main menu



■ Turn the multi-function selector to highlight either the "Drying level" or the "Programme".

– Pressing the multi-function selector selects the highlighted option and opens the relevant sub-menu.

– *Low temperature* and *Timer* can be selected by pressing shortcut buttons 1 or 2.

– To go back to the entry menu press shortcut button 4.

Alternatively, you can also highlight and confirm all options by just using the multi-function selector.

Settings menu

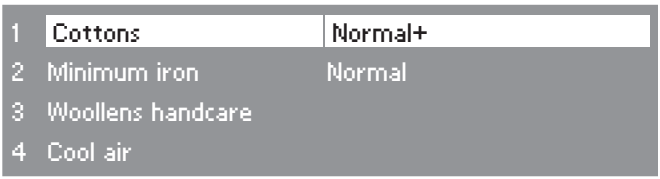
The *Settings* menu is used to alter the tumble dryer's electronics to suit different requirements. See the separate booklet "Commissioning, Programme chart and Settings" for further information.

Operating the tumble dryer in Laundrette mode

The entry menu will vary depending on the *Control*s setting selected.

- The dryer is operated either with shortcut buttons 1, 2, 3, 4 or the multi-function selector.

WS-shortcut keys, basic



4 programmes are available to choose from. To specify which programmes are available go to the *Settings/supervisor level* menu.

WS-shortcut keys + Logo



12 drying levels and timed programmes are available to choose from. To specify which programmes are available go to the *Settings/supervisor level* menu.

WS-shortcut keys, ex/int time



4 timed programmes with different temperature levels are available to choose from. To specify which programmes are available, go to the *Settings/supervisor level* menu.

1. Sort the laundry

Garment care label symbols

Drying	
	Normal/higher temperature
	Reduced temperature: Select *Low temperature* (for delicate textiles)
	Do not tumble dry
Ironing	
	Very hot
	Hot
	Warm
	Do not iron

Before drying

– Wash heavily soiled items very thoroughly, ensuring that you use sufficient detergent and select a high temperature. If in doubt, wash the items several times.

– Do not put soaking wet items into the tumble dryer Make sure that your laundry is thoroughly spun before drying.
The higher the spin, the greater the savings that can be made in energy and time during drying.

– New dark-coloured garments should be washed and dried separately from light-coloured garments the first few times they are washed, to avoid the risk of colours running and discolouring other garments or even the plastic components in the tumble dryer.
Dark-coloured fibres can also settle on light-coloured garments and vice versa.

– Starched laundry can be dried in the tumble dryer. To achieve the usual finish, double the amount of starch should be used.

– Check the seams of padded or down-filled items to prevent the risk of fillings coming out. These could catch fire in the tumble dryer.

– Tie together textile belts and apron ties to stop them getting tangled.

– Fasten duvet covers etc. to prevent small items from being trapped inside them. Fasten hooks and eyes etc.

– Stitch in or remove loose underwiring from bras.

– Leave jackets open and undo any long zips so that textiles dry evenly.

– For an even drying result, it is important to . . .
. . . spin,
. . . shake out,
. . . and sort items according to fabric type, size, care label and the drying level required.

2. Load the tumble dryer

⚠ Using the tumble dryer incorrectly could cause a fire. Read the "Warning and Safety instructions" before using the tumble dryer.

⚠ Make sure that objects, e.g. detergent dispensing balls, have been removed from the laundry. They could melt and cause damage to the dryer or the laundry.

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

– To save energy, always observe the maximum load for each programme (see the separate booklet "Commissioning, Programme chart and Settings").

– Minimum iron fabrics tend to crease more the greater the load. This is also the case for garments made from very fine weave fabrics, such as shirts or blouses.
If necessary, reduce the size of the load for these types of fabrics.

3. Select a programme

– On many programmes, different drying levels can be selected depending on individual requirements . . .
. . . e.g. *Normal+* for laundry that you want to fold and put away immediately after drying.
. . . e.g. *Machine iron* or *Hand iron* if the laundry needs further processing after drying.
See separate booklet "Commissioning, Programme chart and Settlings".

– For delicate fabrics with the ⊡ care label, select *Low temperature* as well.

– Down-filled garments have linings which have a tendency to shrink, depending on the quality of the item. They can be partially dried using the *Smoothing* programme.

– Pure linen should only be machine dried if specified as suitable by the manufacturer on the care label, as the surface of the fabric may otherwise become rough. They can be partially dried using the *Smoothing* programme.

– Woollens and wool blends tend to become matted and shrink if dried in a tumble dryer. Only dry these fabrics in a Woollens programme.

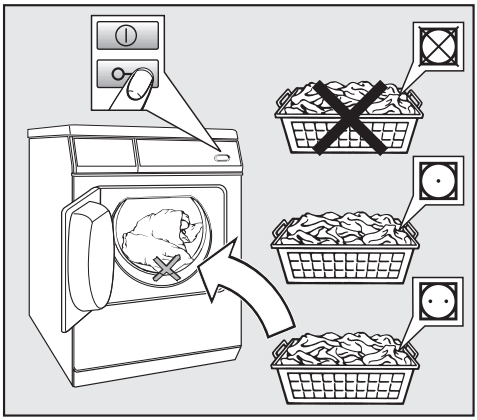
– Loopknit garments (e.g. T-shirts and underwear) tend to shrink depending on their quality. Do not over-dry these textiles. When purchasing these garments it is advisable to take their shrinkage properties into account.

Short instructions

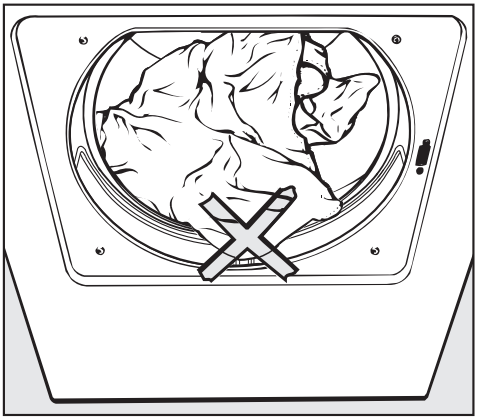
❶ Sort the laundry

⚠ It is very important to read the "Notes and tips on laundry care" section before proceeding.

❷ Load the tumble dryer



- Open the door.
- Load the drum.



⚠ To avoid damaging your laundry, when shutting the door check that no items of laundry have become trapped in the door opening.

- Shut the door either with a gentle swing, or lean against it and push it shut.

❸ Select a programme

■ Switch the dryer on by pressing the *On/Off* ⏻ button.

Please note:

– If no further selection is made within 15 minutes, the dryer will switch off automatically.

– This does not apply to machines with a payment system.

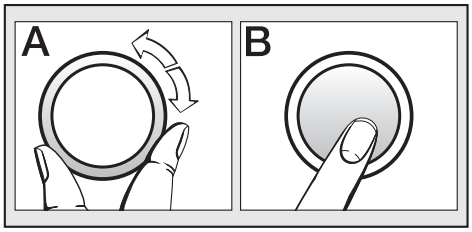
Programme chart

– See separate booklet "Commissioning, Programme chart and Settings".

You can select a programme either by:



1. Using the appropriate short cut button to select one of the four programmes listed in the display ("favourites"), or



2. Selecting a programme from the *Programme selection* menu (turn **A** and press **B**).

Select *Low temperature* or *Timer*, if required

■ Select *Low temperature* and/or the *Timer* (Delay start time) from the relevant sub-menu.

Coin operation/payment system

If your machine is connected to a payment system, the amount of payment required will appear in the display.

Opening the door or cancelling the programme after it has started may cause a loss of credit (depending on how the tumble dryer was set up).

❹ Start the programme

The *Start* button will flash as soon as a programme can be started.

■ Press the *Start* button.

The *Start* button will now light up.

– *Prog. running* will appear in the display, followed by *Drying* and the programme duration.

– With sensor drying programmes, e.g. *Machine iron* ... *Hand iron* etc., the drying level reached will be shown in the display later on.

Once drying is in progress, you can press one of the short cut buttons:

– Button 2 *Timer* to call up the estimated end time of the programme and the current time of day.

– Button 3 *Save* to save the current programme as a favourite.

– Button 4 *Cancel* to cancel the current programme.
This only applies to machines with a payment system, if a programme can be cancelled without the loss of credit.

See section "Changing the programme sequence" for further information about the following:

– Payment system

– Changing a programme once it has started

– Cancelling the current programme

– Adding or removing laundry after a programme has started

– Interruption to the power supply

– Time remaining

Programme duration/Estimated time remaining

When a programme is selected, the estimated duration will appear in the display. Please be aware that it is only an estimate!

The following factors all affect the estimated time remaining: residual moisture content after spinning; type of fabric; size of load; room temperature; fluctuations in power supply.

The electronics assess conditions in the dryer and adjust the estimated time remaining for a more accurate reading. Because of this, the time displayed can alter during the course of a programme.

Before the end of a programme

In many programmes the heating phase is followed by the cooling down phase: *Cooling down* will appear in the display. The programme is not finished until the cooling down phase has been completed.

Do not switch the tumble dryer off before the end of the drying programme.

❺ Remove the laundry when the programme has finished

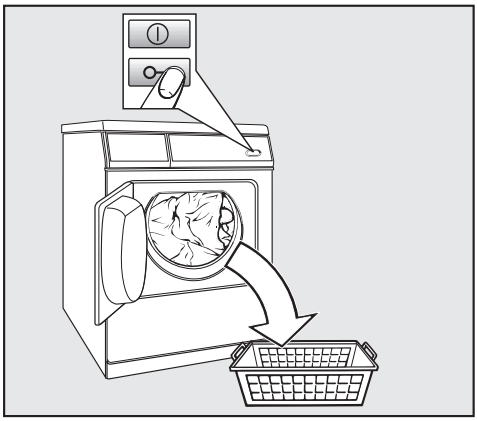
Anti-crease (if selected) and *Finish* will appear in the display to indicate that the programme has finished.

Please note:

– To avoid creasing, during the anti-crease phase the drum will continue to turn at intervals until the laundry is removed.

– The dryer will switch off automatically 15 minutes after the end of a programme/the end of the anti-crease phase.

It is advisable to remove laundry as soon as the programme has finished.



■ Open the door.

■ Remove everything from the drum.

Check that all items have been removed from the drum. Anything left in the dryer could be damaged by overdrying when it is next used.

The drum lighting will come on when the door is opened. It will go out a few minutes later to save energy.

■ Switch the dryer off by pressing the *On/Off* ⏻ button.

The display will go out.

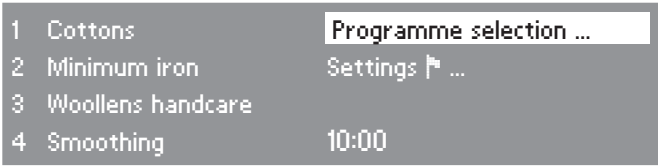
■ Close the door.

Maintenance after each drying programme

■ Please see "Cleaning and care" for details.

Selecting/changing a programme

Entry menu



- Press shortcut button 1.

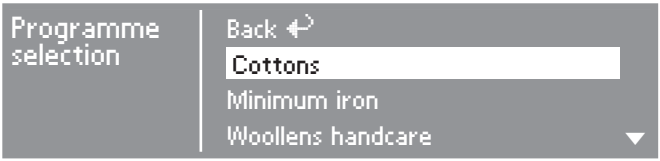
Main menu



- By turning the multi-function selector you can then highlight the following options in the display: Programme (*Cottons*) or the drying level (*Normal*), and confirm your selection by pressing the multi-function selector.

Depending on the option highlighted, the following will be displayed:

– Programme selection



- Use the multi-function selector to select the programme you want, and confirm your selection. The main menu will reappear.

Note: If you do not make a selection in the sub-menu within approx. 20 seconds, the display will revert to the main menu.

– Programmes with drying levels



■ Use the multi-function selector to select the drying level you want, and confirm your selection.

– The display will show which drying levels can be selected for each individual programme.

– Programmes where the time can be altered



■ You can increase or decrease the duration of the programme* using the multi-function selector.

The programme end time for the duration selected will also appear.

* If the tumble dryer has a payment system, the maximum duration for a programme is set during the commissioning process under the controls option *WS-shortcut keys, ex time/int time*.

– Other programmes

You cannot alter the drying level or duration for the other programmes.

Low temperature

Select *Low temperature* for all delicate or minimum iron fabrics with the ⊙ care label (e.g. acrylic garments).

– Delicate fabrics are dried at a lower temperature.

– The programme duration is longer.

■ Press shortcut button 1 *Low temp.*

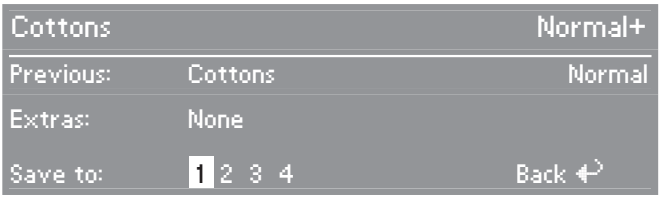
Saving a favourite programme

You can programme the shortcut buttons to call up the four most frequently used drying programmes. The *Save* option must be activated via the *Settings*/*Supervisor level* menu before the shortcut buttons can be programmed.



■ Press shortcut button 3 *Save*.

Selecting a shortcut button



■ Use the multi-function selector to select the number you want to save the programme to, and confirm your selection. Your settings have now been saved and the favourite programme will appear in the entry menu.

Repeat the procedure if you want to customise other favourite programmes, and save them to short cut buttons which have not yet been used.

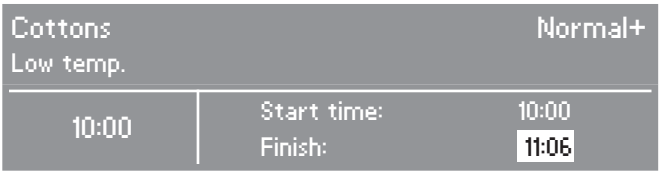
Depending on the *Delay start* setting, you can use the Timer to set the time you wish a programme to finish or start at, or you can delay the start of the programme.

To open the Timer sub-menu



■ Use shortcut key 2 *Timer* to open the *Timer* sub-menu.

To select a delay start time



■ Select the time required (in 30 minute steps) using the multi-function selector, and confirm.

The start and finish times will now be postponed by the time inputted. The maximum time that an automatic programme start can be delayed by is 24 hours.

To start the timer

■ Press the *Start* button.

The timer will count down in minutes until the start of the programme. If the delay start time selected is more than one hour, the drum will turn briefly every hour to prevent creasing.

To cancel the timer

■ Press shortcut button 4 *Cancel*.

■ The programme can now be started.

Payment system

Opening the door or cancelling the programme after it has started may cause a loss of credit (depending on how the tumble dryer was set up)*.

* Either during the commissioning process or subsequently, a Miele service technician can re-set the payment system so that programming changes can be made.

Once a programme has started

- changing the programme

You cannot change to another programme once a programme has started (this prevents unintentional alterations).

You will need to cancel the current programme before you can select a new one.

- cancelling the programme

■ Press shortcut button 4 *Cancel*.

On some programmes, laundry will be cooled down if a certain temperature has been reached.
If shortcut button 4 *Cancel* is pressed again, *Finish* appears in the display.

■ Open the door.

■ Close the door.

■ Immediately select the programme you want, and then start it.

Adding or removing laundry after a programme has started

⚠ The laundry, the drum and the back of the tumble dryer all become very hot during operation. Take care when in the vicinity of the appliance, when opening the door and handling freshly dried laundry. Danger of burning.

■ Press shortcut button 4 *Cancel*.

On some programmes, laundry will be cooled down if a certain temperature has been reached.

■ Only open the door once the laundry has cooled down completely.

■ Add or remove items as required.

■ Close the door.

■ Select a programme.

■ Press the *Start* button.

Power cut

– If the tumble dryer was switched off during a programme or there has been a power cut:

■ Press the OK button after switching the dryer back on and start the programme again.

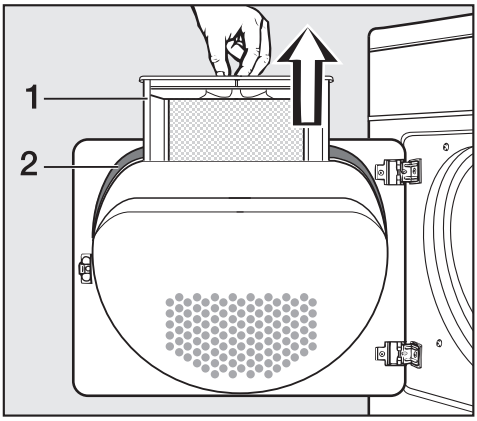
Time remaining

The time left shown in the display may now vary from the actual drying time.

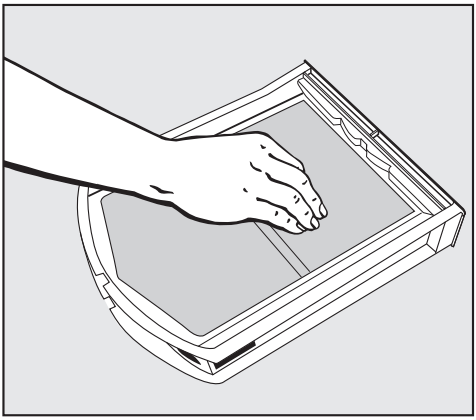
Cleaning the fluff filters

Fluff from items being dried is collected by the fluff filters in the door and the door opening. Clean the filters after **each** drying programme*.

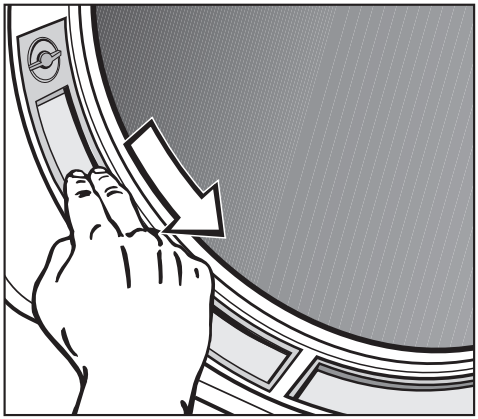
Cleaning them whilst dry



- Open the door and pull the fluff filter (1) out as illustrated.



- Use your fingers or a vacuum cleaner to remove the fluff from the surface of the filter.
- Remove any fluff from the hollow part of the door opening. You could also use a cleaning brush which is available as an optional extra from your Miele dealer or the Miele Spare Parts Department or use a vacuum cleaner.
- Once clean, push the filter back into the door holder until it clicks into position. Ensure it is facing the correct way.
- Also clean the door seal (2) with a damp cloth.



- Use your fingers or a vacuum cleaner to remove the fluff from the two fluff filters in the door opening.
- Close the door.

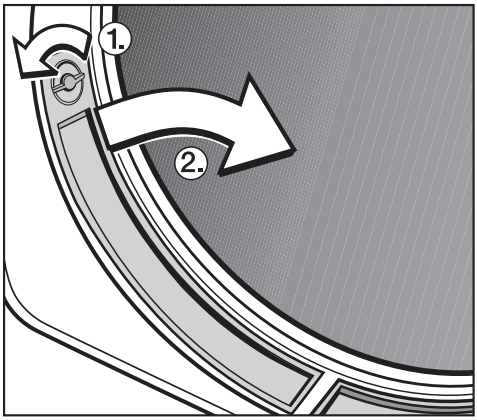
⚠ * The fluff filters should be checked and cleaned regularly but always clean immediately the *Clean out airways* message appears.

Cleaning them with water

If there is a great deal of compacted fluff on any of the filters, they can be removed and cleaned under hot running water.

- Open the door and pull the fluff filter out of the door as described previously.

The two filters in the door opening can also be removed if you need to clean them with water.



- Turn catch ① until you hear it click.
- Pull the filter by the dial out of the door opening as shown ②. Do the same on the other side.
- Rinse all the filters under hot, running water.
- Also clean the airways underneath each one with a vacuum cleaner, for example.
- Dry the filters thoroughly with care.

Replacing the filters

⚠ Do not replace the filters if they are damp or wet. Damp or wet filters could cause operational faults.

- Push the large filter back into the door holder until it clicks into position. Ensure it is facing the correct way.
- Replace the filters in the door opening by first inserting them at the bottom and then pressing them into place at the top.
- Lock both catches (you will hear them click).

Cleaning the tumble dryer

⚠ Disconnect the tumble dryer from the mains electricity supply.

⚠ Do not use solvents, abrasive cleaners, glass cleaners or all-purpose cleaners. These could damage plastic surfaces and other parts.

⚠ The tumble dryer must never be hosed down.

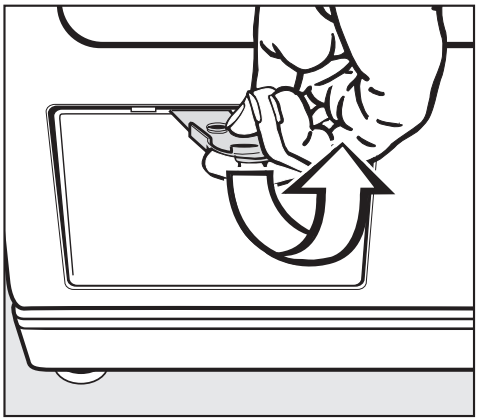
- Clean the housing and the control panel with a slightly damp cloth and a mild detergent or soapy water.
- The drum and other stainless steel parts can be cleaned with a suitable proprietary stainless steel cleaner following the manufacturer's instructions.
- Dry all parts with a soft cloth.

A range of Miele branded cleaning and conditioning agents is available to order via the Miele Spare Parts Department or via the internet at www.miele-shop.com.

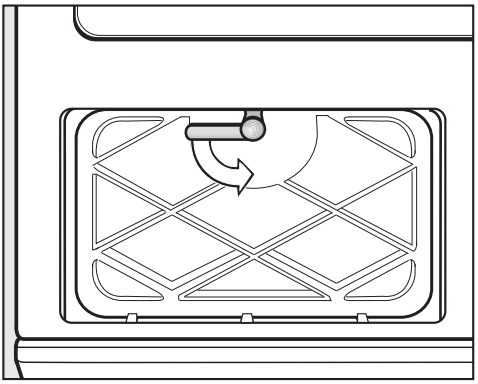
Cleaning the heat exchanger

⚠ Check the heat exchanger unit regularly. It should always be cleaned immediately the *Clean condenser unit* or *Clean out airways* message appears.

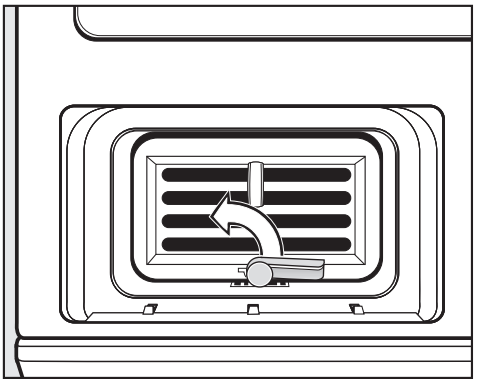
Removing the heat exchanger



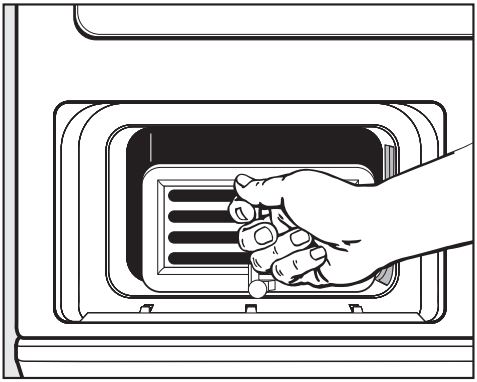
- Open the access panel.
  The hooks at the side will prevent the panel from falling off.
- Now remove the panel by pulling it diagonally upwards.
- Then place it to one side.



- Turn the lever on the inner cover downwards to the vertical position.
- Pull the cover forwards.
- Remove it by pulling it diagonally upwards.

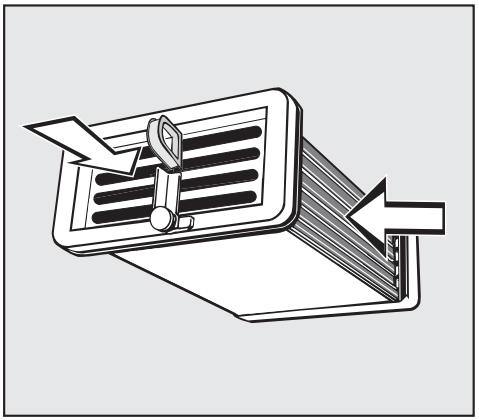


- Turn the lever on the heat exchanger to the vertical position.



■ Pull the condenser (heat exchanger) unit out of its housing by the handle.

Checking the condenser unit (heat exchanger unit)



■ Hold the condenser unit up to the light **as shown**.

■ Check to see if there is any fluff inside it. The arrows in the illustration above indicate where to look.

If you cannot see any fluff:

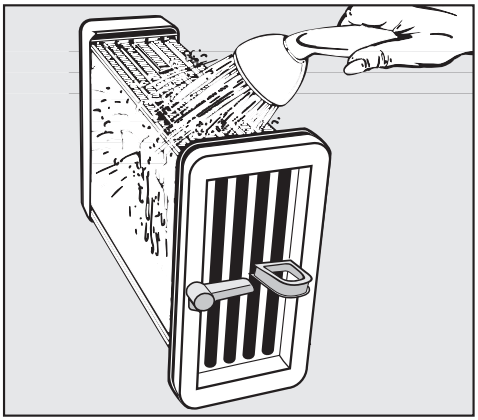
■ Replace the condenser unit (see following page).

If you can see some fluff:

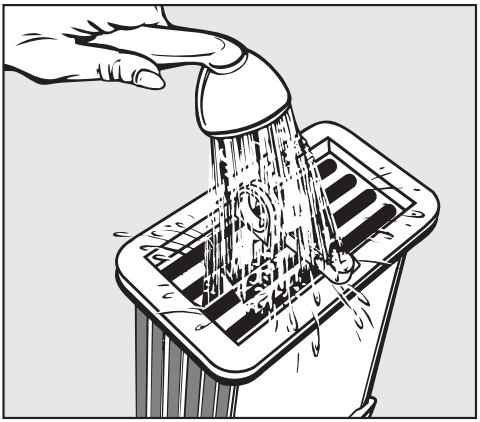
■ Clean the condenser unit as described below.

To clean the condenser unit

■ Use a shower head or similar to rinse the unit out as shown.



– From the sides.



– From the front.

Fluff is washed out by the water.

- Check the condenser unit again for any visible fluff, and if necessary flush it through again until it has all gone.
- Also make sure the rubber seals are clean.

  The rubber seals must not be removed and must be free of kinks.

To check and clean the condenser unit housing

- Remove any soiling still visible inside the housing by hand using a damp cloth. Do not try and access areas you cannot reach by hand.

Replacing the condenser unit

- Push the condenser unit all the way back into the housing, until it clicks into place.
  The handle for the condenser unit must be at the top, and the lever at the bottom.
- Turn the lever down to the horizontal position, making sure that the hook on the lever clicks into the groove at the bottom.

When replacing the inner cover, ensure that the rubber seal fits correctly into the groove.

- Replace the cover making sure the hooks locate correctly. To do this, hold it at an angle and push it gently downwards.
- Then turn the lever upwards into the horizontal position to lock the cover.
- Replace the service panel and press the upper edge until it clicks into position.

It is important to ensure that both the condenser unit and the cover are correctly positioned and locked otherwise water may leak from the machine.

Problem solving guide

With the help of the following notes minor faults in the performance of the appliance, some of which may result from incorrect operation, can be put right without contacting the Service Department.

⚠ Repair work to electrical appliances should only be carried out by a suitably qualified person in strict accordance with current local and national safety regulations. Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.

Check and fault messages in the display

Problem	Possible cause	Remedy
Adjust the load The drum is empty or the laundry is too dry.	This is not a fault. In some programmes, if the drum has been overloaded or underloaded, the programme will be cancelled. This can also happen if the items are already dry.	Use the Hot air programme (timed drying) to dry individual items. To delete the message: – Open the door.
⚠ Technical fault If restart is unsuccessful, call Service. **A fault number (e.g. F43) might also be displayed.**	A programme cannot be started while there is a fault message in the display.	– Make a note of what is shown in the display. – Try to start the programme again.
ℹ Power failure Programme stopped Press OK button	The tumble dryer was switched off during a programme or there has been a power cut.	– Press the *OK* button after switching the dryer back on and start the programme again.

Problem solving guide

Problem	Possible cause	Remedy
 Clean out airways Clean the filters Check ducting. **appears at the end of a programme.***	There is a blockage in the ducting system.	– Confirm with *OK*. – Clean the fluff filters. – Check all possible causes given under "The drying process goes on too long or even switches off."
 Clean out airways Clean the filters Check ducting. **appears after a programme has been cancelled.**	There is a very severe blockage in the ducting system.	– See above.
 Maintenance message Clean the condenser unit. **appears after a while.***	Reminder to clean the condenser unit (heat exchanger).	– Clean the condenser unit. To delete the message: – Confirm with *OK*.
 Drain fault Check the drainage system.	The drain hose is kinked.	– Remove the kink. To delete the fault message: – Confirm with *OK*.

*** You can adjust the setting which controls if or when the check message appears:**

See "Clean condenser unit" and "Clean out airways" in the "Settings/Superviser level menu" section of the separate booklet "Commissioning, Programme chart and Settings".

An unsatisfactory drying result

Problem	Possible cause	Remedy
The laundry is not sufficiently dry.	The load consisted of different fabrics.	– Finish drying using the Hot air programme (timed drying). – Next time, select a more suitable programme (see "Programme chart" in the separate booklet "Commissioning, Programme chart and Settings").
Feather filled pillows smell after drying.	Feathers are a natural product and this is quite normal.	The smell will dissipate after sufficient airing.
Items made of synthetic fibres are charged with static electricity after drying.	Synthetic fibres tend to attract static charge.	Static charge can be reduced by adding a fabric conditioner to the final rinse in the washing programme or a fabric conditioner sheet to the load when drying.
There is a build-up of fluff.	Fluff is principally the result of friction when garments are being worn and to some extent when they are being washed. Machine drying hardly causes any fluff to form and has no appreciable effect on the lifetime of the fabric.	Fluff is collected by the fluff filter and can be easily removed (see "Cleaning and care").

Other problems

Problem	Possible cause	Remedy
The drying process goes on too long or even switches off.	You might be asked to clean the airways/ducting system again.	Please check all possible causes, described below.
	Ventilation to and from the dryer may be insufficient, e.g. because it is installed in a room which is too small. This can cause the temperature in the room to rise sharply.	Open a door or window while the dryer is in operation for increased air flow.
	The vents below the door are blocked.	– Remove any objects that are blocking the vents.
	The fluff filters are clogged up with fluff or were still wet when they were replaced.	– Remove any fluff. – The fluff filters must be completely dry.
	Detergent residues, hair and fine fibres can block the condenser unit.	Check the condenser unit from time to time and clean it if necessary.
	The laundry has not been spun sufficiently.	Make sure that your laundry is thoroughly spun at the appropriate spin speed in the washing machine.
	The tumble dryer has been overloaded.	Do not exceed the maximum load for the programme selected.
	Metallic components, e.g. zips have prevented the dryer from registering the correct moisture level in the laundry.	– Open zips next time. If the problem occurs again, dry garments with long zips using the Warm air programme (timed drying).

Problem	Possible cause	Remedy
Water leaks from the dryer after the condenser unit has been cleaned.	– The inner cover of the condenser unit has not been locked properly and/or the condenser unit has not been positioned correctly. – Fluff has collected in the condenser unit housing.	– Ensure that the condenser unit is positioned correctly and lock the inner cover. – Check the rubber seals. – Use a cloth to remove any visible fluff from the inside of the condenser unit housing.
Power cut	– Once power has been restored, switch the dryer back on with the ⏻ button. – Press *OK* to confirm.	

Problem solving guide

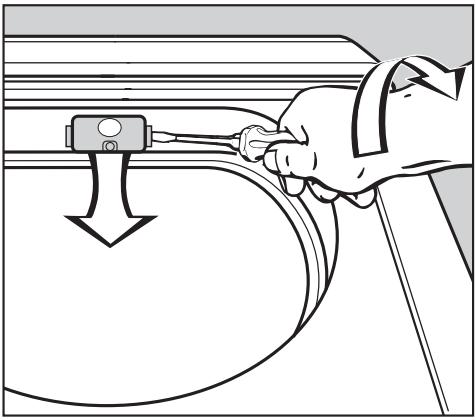
Problem	Possible cause	Remedy
The programme does not start and the display is dark.	There is no power to the dryer.	– Is the dryer switched on? – Is the door closed properly? – Has the fuse or circuit breaker tripped?
		When the power comes back on after a power cut, confirm with *OK* and start the programme again.
	The dryer switches off automatically after 15 minutes if no further selection is made.	Switch the dryer on.
The display is dark and the *Start* button is flashing slowly.	The display has switched off automatically to save energy: Standby.	The display and the multi-function selector will light up when one of the buttons is pressed.
The display is in a different language.	A different language has been selected.	Set the language you want. The **flag symbol** ⚑ will guide you.
The *Start* button light flashes when a programme is being selected.	The flashing indicates that a programme can be started.	Once the programme has been started, the *Start* button stops flashing and lights up constantly.
The interior drum lighting does not come on.	The lighting switches off automatically (to save energy).	– It will switch on again after the door has been closed and then opened. – If the lamp needs to be replaced, follow the instructions in "Changing the lamp" at the end of this section.

Changing the lamp

Disconnect the tumble dryer from the mains electricity supply.

- Open the door.

You will find the interior lamp cover at the top of the drum aperture.



- Insert a suitable tool, such as a wide bladed screwdriver, under the side edge of the lamp cover as illustrated.
- Apply a little pressure and whilst doing so turn your wrist in the direction of the arrow to open the cover.

The cover will open downwards.

The temperature resistant lamp should only be ordered from your Miele dealer or the Miele Spare Parts Department.

The lamp specification and maximum wattage is stated on the data plate and on the lamp cover.

- Replace the lamp.
- To close the cover push it upwards and press it on the left and right until you hear it click into position.

⚠ Ensure that it is fitted into position securely, as any moisture could cause a short circuit.

Repairs

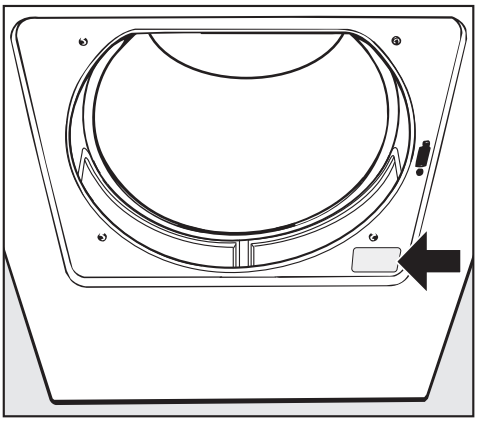
In the event of any faults which you cannot remedy yourself, or if the tumble dryer is under guarantee, please contact

– your Miele Dealer

or

– the Miele Service Department (see back cover for contact details).

When contacting the your Dealer or the Service Department, please quote the model and serial number of your dryer both of which are shown on the data plate.



N.B. A call-out charge will be applied for service visits where the problem could have been resolved as described in these instructions.

PC / Optical interface

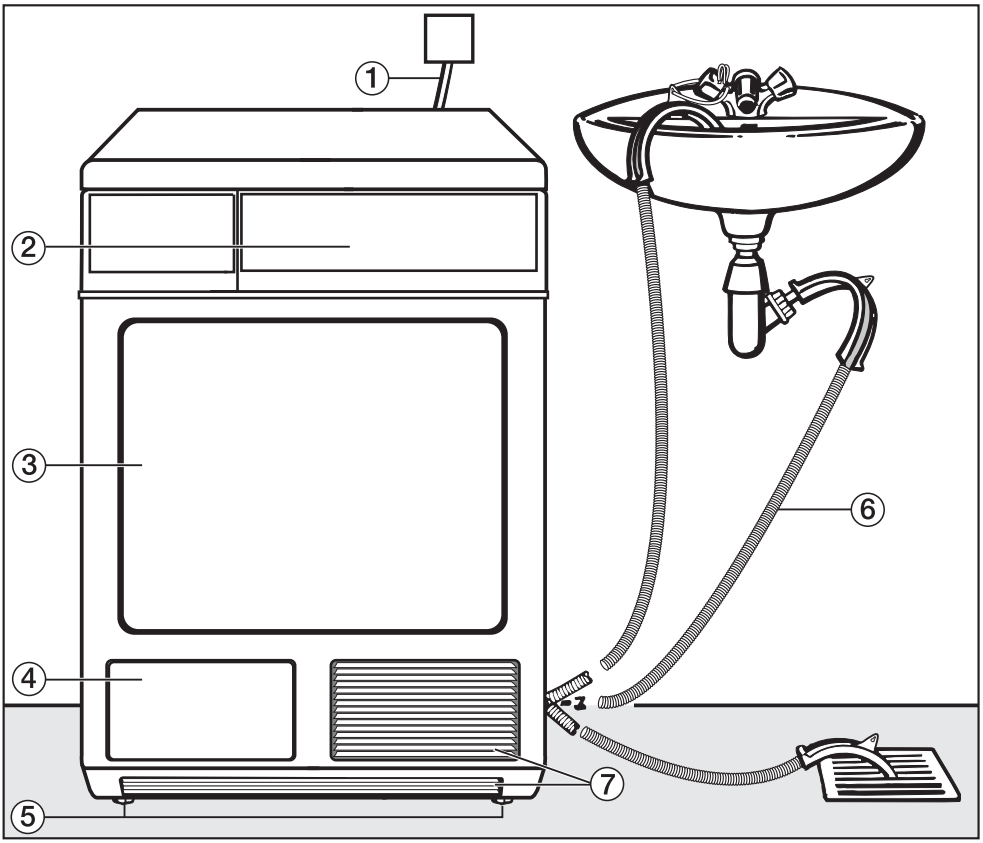
The indicator or check light marked **PC** on the fascia panel is the interface used by Miele service technicians during servicing work for testing purposes and for updating the machine´s programme data.

Optional accessories

Optional accessories for this dryer are available from your Miele Dealer or from the Miele Spare Parts Department.

Please note that telephone calls may be monitored and recorded for training purposes.

Front view



① Mains connection cable

② Control panel

③ Door

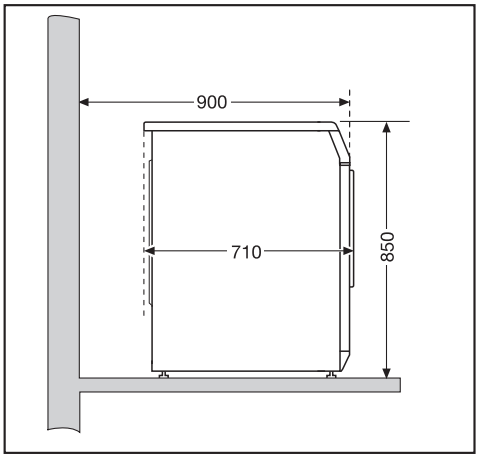
④ Service panel for condenser unit

⑤ Four height adjustable screw feet

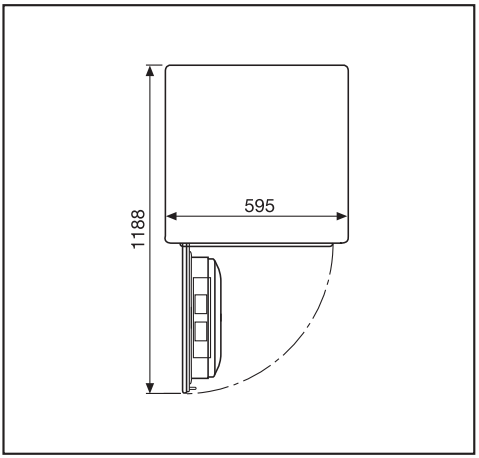
⑥ External drainage options (e.g. via wash basin, wash basin drain outlet or gully)
Optional accessory: Extension hose

⑦ Intake and exhaust vents for cooling the condenser unit

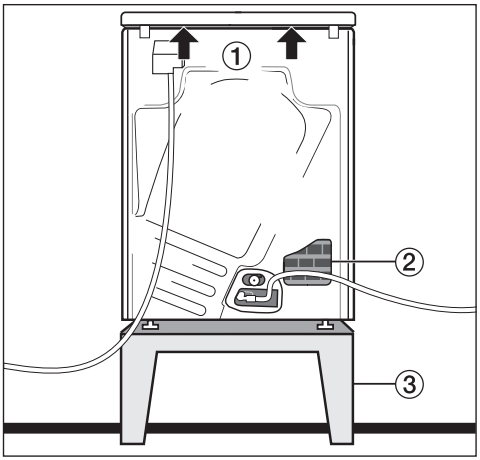
Side view



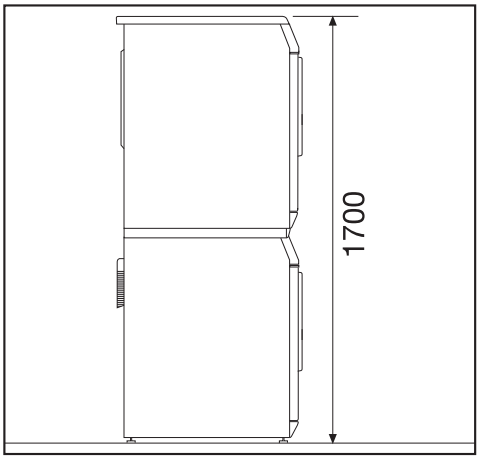
View from above



Rear view



Washer-dryer stack



① Protruding lid edge (see arrows) for holding when moving the tumble dryer.

② Air exhaust vent for cooling the condenser unit

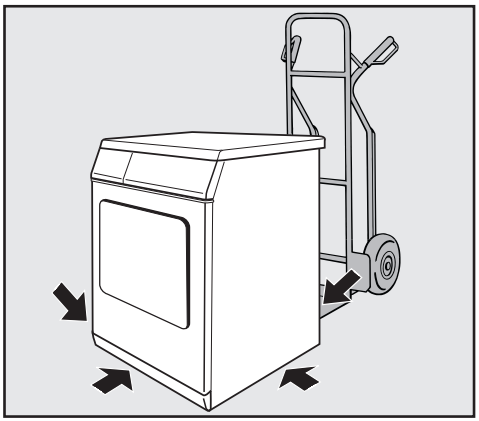
③ Stainless steel plith (open or closed, optional Miele accessory)

The tumble dryer can be combined with a Miele washing machine in a washer-dryer stack. A stacking kit is required which can be purchased from Miele. The stacking kit must be fitted by a Miele authorised service technician.

Installing the tumble dryer

⚠ Make sure the dryer door can be opened without hindrance after installation.

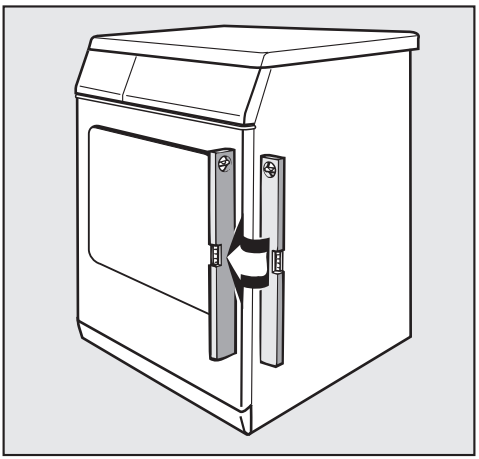
Transporting the dryer to its installation site



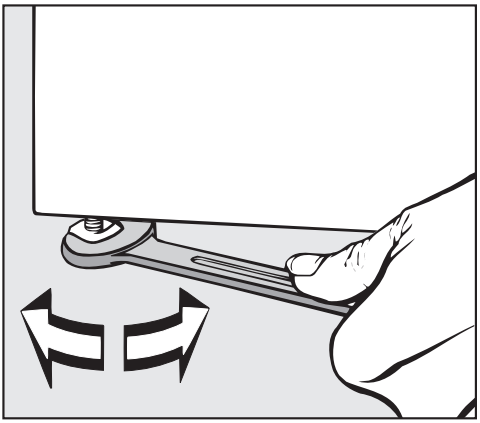
When moving the dryer, hold it by the lid where it protrudes to the rear. To manoeuvre the dryer out of its packing case to its installation site you will also need to hold it by the front feet.

⚠ Ensure the tumble dryer is stable during transportion.

Levelling the machine



The machine must be perfectly level to ensure safe and proper operation.



- The screw feet can be adjusted to compensate for any unevenness in the floor.

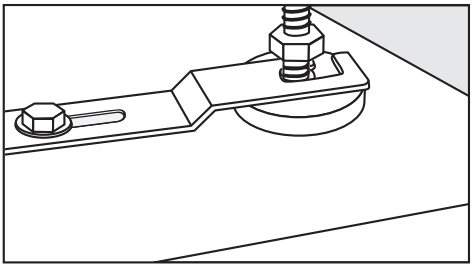
⚠ Never block the vents on the dryer.
In order to ensure sufficient ventilation to the dryer, do not reduce the vent gap between the underside of the dryer and the floor with a plinth, deep-pile carpet, etc.

This tumble dryer is not suitable for building under.

Room in which the dryer is located

Air taken in for use in the drying process will be warm when it is expelled from the underside and back of the dryer. This expelled air heats up the air in the room. It is therefore very important to ensure that the room is adequately ventilated, particularly if the dryer is located in a small room. Otherwise running times and energy consumption could be increased.

Securing the tumble dryer against slippage



⚠ Secure both front feet on the dryer using the fixing brackets supplied.

Payment system

The dryer can be fitted with a payment system (optional accessory).
This must be connected and programmed by a Miele Service technician.

Coins/tokens must be removed from the payment system regularly, otherwise it will become blocked.

– Note for service technician:

⚠ When connecting to a payment system, the plug connector on the push button switch (see wiring diagram) must be disconnected from its position ex-works and reconnected to the position for payment system operation.
Failure to do this can cause the payment system to malfunction.

External drainage of the condensed water

The condensed water is pumped away through the drain hose which is located at the back of the dryer at the bottom.

Drain hose length: . . . . . 2 m

Delivery head: . . . . . 1 m

⚠ **Do not pull on the drain hose and do not allow it to become kinked** as this could damage it.

Drain hose connection:

1. Direct into a sink or basin.

– Hook the hose over the edge and secure.

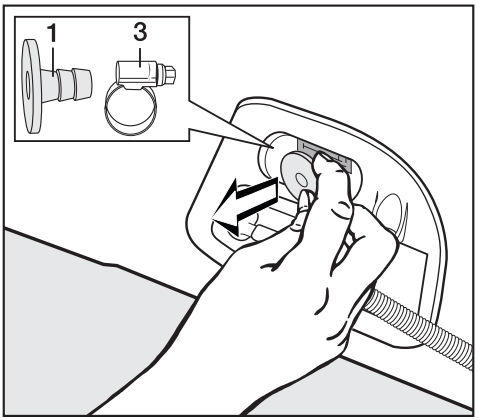
– Use the bow-shaped guide (see illustration on the right).

2. Connected securely to a floor gully.

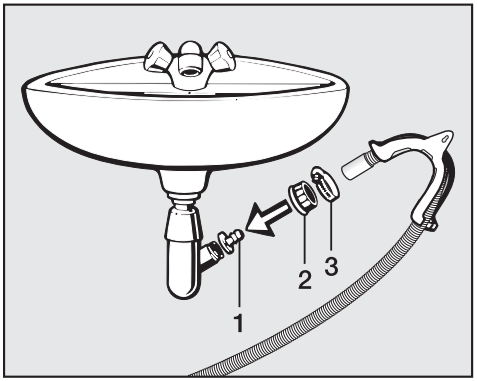
3. Connected directly to a sink drain outlet.

Connection to a sink drain outlet

To connect the drain hose to a sink drain outlet you will need to use the adapter and hose clip located at the back of the dryer at the bottom.



■ Remove adapter **1** and hose clip **3** behind it.



■ Fit adapter **1** to the sink drain outlet using nut **2**.

■ Secure the drain hose with hose clip **3** to the nut.

Electrical connection

⚠ All electrical work must be carried out by a suitably qualified and competent person in accordance with current local and national safety regulations (BS 7671 in the UK).

This machine is supplied with a connection cable and moulded plug (BS 1363) for connection to a 230 V mains supply.

The machine must only be operated with the voltage, frequency and fuse rating shown on the data plate supplied with the machine. Please ensure these match the site mains supply.

We recommend connecting the machine to the power supply via an IP44 plug and socket which must be easily accessible for servicing and maintenance work after the machine has been installed.

Do not connect the machine via an extension lead. Extension leads do not guarantee the required safety of the machine (e.g. danger of overheating).

For extra safety and protection we recommend connecting the machine by a 30 mA residual current device (RCD).

An electrical safety test must be carried out after installation and after any service work.

The mains connection cable may only be replaced by an original Miele spare part.

⚠ If the machine is disconnected from the electricity supply adequate measures must be taken to ensure that the machine cannot be reconnected to the electricity supply until all work has been carried out.

⚠ The machine must be permanently connected to the electricity supply to enable the programme to complete and to enable the load to cool down after drying. For this reason it must not be connected to devices such as timers which would switch it off automatically.

WARNING
THIS MACHINE
MUST BE EARTHED

Height	850 mm
Width	595 mm
Depth	710 mm
Depth with door open	1188 mm
Weight	60.5 kg
Drum volume	130 l
Maximum capacity	6.5 kg dry weight
Length of connection cable	1600 mm
Voltage	See data plate
Connected load	
Fuse rating	
Lamp wattage	
Test certificates awarded	
Max. load bearing in operation	approx. 735 Newton
Product safety standard	According to EN 10472, EN 60335
Emission sound pressure level in accordance with EN ISO 11204/11203	< 70 dB re 20 µPa

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