

Operating and installation instructions

















Fridge-freezer



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

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Warning and Safety instructions

This appliance complies with all statutory safety requirements. Please note that inappropriate use can lead to personal injury and damage to property.

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

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

Keep these instructions in a safe place and ensure that new users are familiar with the contents. Pass them on to any future owner.

Correct application

- ▶ This appliance is designed for domestic use and for use in similar environments by guests in hotel or motel rooms, bed & breakfasts and other typical living quarters. This does not include common/shared facilities or commercial facilities within hotels, motels or bed & breakfasts.
- ▶ This appliance is intended for cooling and storing food and drinks as well as for storing deep-frozen food, freezing fresh food and for making ice.
Any other usage is not supported by the manufacturer and could be dangerous.
- ▶ This appliance is not suitable for storing and keeping cool medicines, blood plasma, laboratory preparations or other such materials or products. Incorrect use of the appliance for such purposes can cause deterioration of the items stored. The appliance is not suitable for use in areas where there is a risk of explosion. Miele cannot be held liable for damage resulting from improper or incorrect use of the appliance.

Warning and Safety instructions

► This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning its use by a person responsible for their safety, and are able to recognise the dangers of misuse.

Safety with children

► Young children must not be allowed to use this appliance.

► Older children may only use the appliance when its operation has been clearly explained to them and they are able to use it safely, recognising the dangers of misuse.

► Cleaning work may only be carried out by older children under the supervision of an adult.

► Please supervise children in the vicinity of the appliance and do not let them play with it.

► Danger of suffocation! Children may be able to wrap themselves in packing material (e.g. foil) or pull it over their head with the risk of suffocation. Keep packaging material away from children.

Technical safety

► The refrigerant circuit has been checked for leaks. This appliance complies with all current local and national safety requirements.

► This appliance contains the coolant Isobutane (R600a), a natural gas which is environmentally friendly. Although it is flammable, it does not damage the ozone layer and has a lower greenhouse effect than some other refrigerants.

The use of this coolant, however, leads to a slight increase in the noise level of the appliance. In addition to the noise of the compressor, you might be able to hear the coolant flowing around the system. This is unavoidable and does not have any adverse effect on the performance of the appliance.

Care must be taken during the transportation and setting up of the appliance that no parts of the cooling system are damaged. Leaking refrigerant can damage the eyes.

In the event of any damage:

- avoid any flames or anything which creates a spark,
- disconnect the appliance from the mains electricity supply,
- ventilate the room where the appliance is located for several minutes, and
- call Miele.

► The more coolant there is in a refrigeration appliance, the larger the room should be in which it is installed. In the event of a leakage, if the appliance is in a small room, there is a danger of combustible gases building up. For every 11 g of coolant at least 1 m³ of room space is required. The amount of coolant in the appliance is stated on a data plate inside the appliance.

► To avoid the risk of damage to the appliance, make sure that the connection data (fuse rating, frequency and voltage) on the data plate corresponds to the household supply. Check that this is the case before connecting the appliance.

Consult a qualified electrician if in any doubt.

Warning and Safety instructions

- ▶ The electrical safety of this appliance 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.
- ▶ Reliable and safe operation of this appliance can only be assured if it has been connected to the mains electricity supply.
- ▶ If the connection cable is faulty, it must only be replaced by a Miele approved service technician in order to avoid a hazard.
- ▶ Do not connect the appliance to the mains electricity supply by a multi-socket unit or an extension lead. These do not guarantee the required safety of the appliance (e.g. danger of overheating).
- ▶ If moisture gets into electrical components or into the mains connection cable, it could cause a short circuit. Therefore, do not operate this refrigeration appliance in areas which are exposed to moisture (e.g. in a garage or laundry).
- ▶ This appliance must not be installed and operated in mobile installations (e.g. on a ship).
- ▶ Do not use a damaged appliance. It could be dangerous. Check the appliance for visible signs of damage.
- ▶ During installation, maintenance and repair work, the appliance must be disconnected from the mains electricity supply. It is only completely isolated from the electricity supply when:
 - the mains circuit breaker has been switched off, or
 - the screw-out fuse is removed (in countries where this is applicable), or
 - it is switched off at the wall socket and the plug is withdrawn from the socket. Do not pull the mains connection cable but the mains plug to disconnect your appliance from the mains electricity supply.

Warning and Safety instructions

- ▶ Repairs and other work by unqualified persons could be dangerous. Maintenance work and repairs to electrical appliances must only be carried out by a Miele approved service technician.
- ▶ The manufacturer's warranty will be invalidated if the appliance is not repaired by a Miele approved service technician.
- ▶ Faulty components must only be replaced by genuine Miele spare parts. The manufacturer can only guarantee the safety of the appliance when Miele replacement parts are used.
- ▶ In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the appliance and its surroundings clean at all times. Any damage caused by cockroaches or other vermin will not be covered by the warranty.

Correct use

- ▶ The appliance is designed for use within a certain climate range (ambient temperatures) and should not be used outside this range. The climate range for your appliance is stated on the data plate inside the appliance. Installing it in a room with too low an ambient temperature, e.g. a garage, will lead to the appliance switching off for longer periods, with the result that it cannot maintain the required temperature.
- ▶ To ensure proper air flow in and out of the appliance, the ventilation gaps in the appliance and built-in structure must not be covered or blocked in any way. This would also increase the energy consumption and could cause damage to the appliance.
- ▶ If storing food which contains a lot of fat or oil in the appliance or the appliance door, make sure that it does not come into contact with plastic components as this could cause stress cracks or break the plastic. Make sure that no fat or oil leaks onto the plastic parts of the appliance.

Warning and Safety instructions

- ▶ Do not store explosive materials in the appliance or any products containing propellants (e.g. spray cans). Flammable gas mixtures can be ignited by electrical components.
Danger of fire and explosion!
- ▶ Do not operate any electrical equipment (e.g. an electric ice cream maker) inside the appliance.
Danger of sparking and explosion!
- ▶ Do not store cans or bottles containing carbonated drinks or liquids which could freeze in the freezer. The cans or bottles could explode. Danger of injury and damage to the appliance.
- ▶ When cooling drinks quickly in the freezer, make sure bottles are not left in for more than one hour; otherwise they could burst, causing injury or damage.
- ▶ Never handle frozen food or the metal parts of the appliance with wet hands. Your hands may freeze to the frozen food or to the metal.
Danger of frost burn!
- ▶ Do not take ice cubes out with your bare hands and never place ice cubes or ice lollies in your mouth straight from the freezer. The very low temperature of the frozen ice or lollies can cause frost burn to the lips and tongue. Danger of injury!
- ▶ Do not refreeze thawed or partially thawed food. Defrosted food should be used up as quickly as possible, as food soon loses its nutritional value and goes off. Defrosted food may only be refrozen after it has been cooked.
- ▶ Food stored for too long may present a risk of food poisoning. Storage times will depend on several factors, including the freshness and quality of the food, as well as the temperature at which it is stored. Follow the instructions given on the food manufacturer's packaging regarding storage conditions and use-by dates.

- ▶ Use only genuine original Miele spare parts. If spare parts or accessories from other manufacturers are used, the warranty will be invalidated, and Miele cannot accept liability.

Cleaning and care

- ▶ Do not use any oils or grease on the door seals, as these will cause the seals to deteriorate and become porous with time.
- ▶ Do not use a steam cleaning appliance to clean this appliance. Steam could reach the electrical components and cause a short circuit.
- ▶ Sharp edged or pointed objects will damage the evaporator, causing irreversible damage to the appliance. Do not use sharp edged or pointed objects to
 - remove frost and ice, or accelerate the defrosting process,
 - separate frozen foods and remove ice trays.
- ▶ Never place electric heaters or candles in the appliance to defrost it. These can damage the plastic parts.
- ▶ Do not use defrosting sprays or de-icers, as they might contain substances which could damage the plastic parts or which could cause a build-up of gases and pose a danger to health.

Transport

- ▶ To avoid damage to the appliance, always transport it upright and in its packaging.
- ▶ Danger of injury and damage. The appliance is very heavy and must be transported by two people.

Warning and Safety instructions

Disposal of your old appliance

- ▶ If your old appliance has a door lock, destroy it. This way you will prevent the risk of playing children accidentally locking themselves in and endangering their lives.
- ▶ Splashes of coolant can damage the eyes. Be careful not to damage any part of the pipework whilst awaiting disposal, e.g. by
 - puncturing the refrigerant channels in the condenser,
 - bending any pipework, or
 - scratching the surface coating.

Symbol on the compressor (depending on model)

This information is only relevant for recycling. There is no risk during normal operation.



- ▶ The oil in the compressor can be fatal if swallowed or if it penetrates the airways.

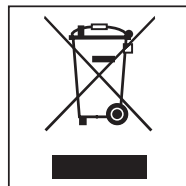
Disposal of the packing material

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

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

Disposing of your old appliance

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



Please dispose of it at your local community waste collection / recycling centre for electrical and electronic appliances, or contact Miele. You are also responsible for deleting any personal data that may be stored on the appliance being disposed of.

Take care not to damage the pipework at the back of the appliance before or during transportation to an authorised collection depot.

In this way, refrigerant in the pipework and oil in the compressor will be contained, and will not leak out into the environment.

Please ensure that your old appliance presents no danger to children while being stored awaiting disposal. See "Warning and Safety instructions" for more information.

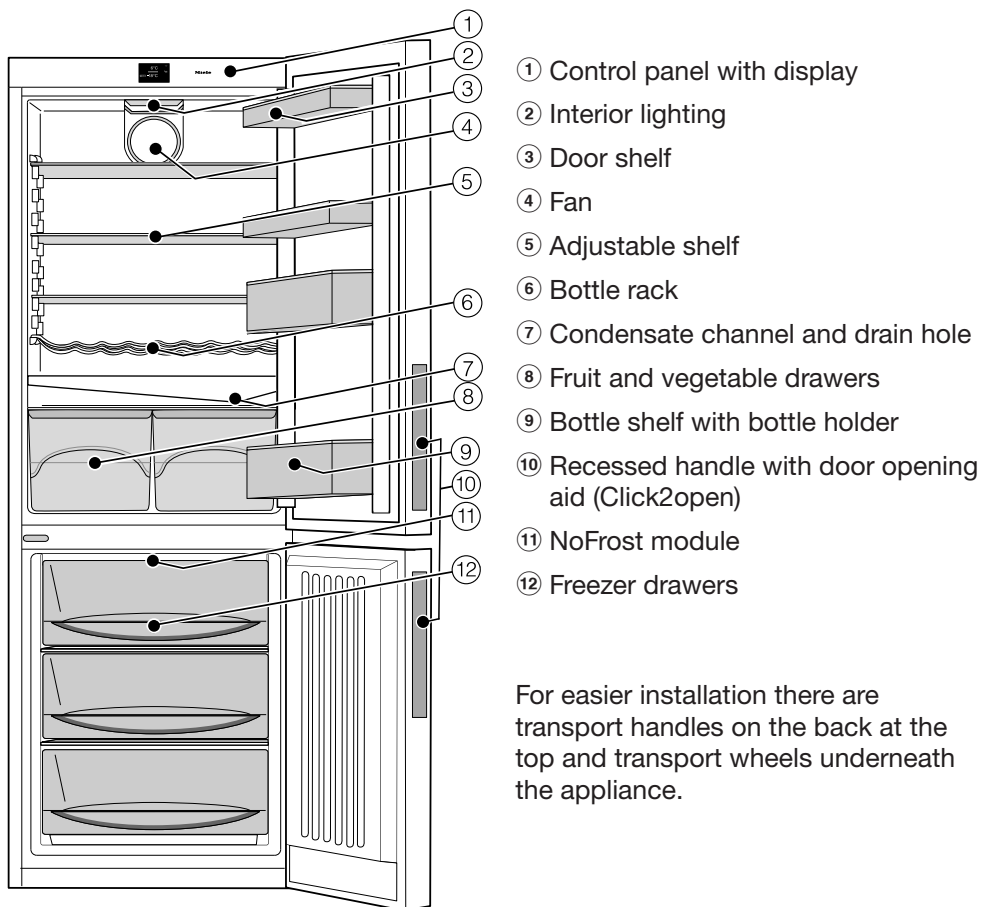
How to save energy

	Normal energy consumption	Increased energy consumption
Installation/ Maintenance	In a ventilated room.	In an enclosed, unventilated room.
	Protected from direct sunlight.	In direct sunlight.
	Not situated near a heat source (radiator, oven).	Situated near a heat source (radiator, oven).
	Where the ideal ambient room temperature is approx. 20 °C.	Where the ambient room temperature is above 25 °C.
	Where the ventilation gaps are not covered and kept free of dust.	Where the ventilation gaps are covered or dusty.
	Dust the compressor and metal grille (heat exchanger) at the back of the appliance at least once a year.	Dust build-up on the compressor and metal grille (heat exchanger).
Temperature settings	Refrigerator 4 to 5 °C	The lower the temperature in the appliance, the higher the energy consumption.
	Freezer section -18 °C	

How to save energy

	Normal energy consumption	Increased energy consumption
Use	The drawers and shelves are arranged as they were when the appliance was delivered.	
	Only open the door when necessary and for as short a time as possible. Store food in an organised way.	Frequent opening of the door for long periods will cause a loss of coldness. The appliance will try to cool down, and the compressor will run for longer periods.
	Take a cooler bag when shopping and load food in the appliance as quickly as possible on your return home. Replace any food removed as quickly as possible, before it warms up too much. Allow hot food and drinks to cool down before placing them in the appliance.	Hot food or food at room temperature raises the temperature inside the appliance. The appliance will try to cool down and the compressor will run for longer periods.
	Store food well packaged or covered.	The evaporation or condensation of liquids in the refrigerator will cause a loss of coldness.
	Place frozen food in the refrigerator to defrost.	
	Do not overfill the appliance to allow air to circulate.	Poor air circulation will cause a loss of coldness.

Guide to the appliance









Picture shows an example of an appliance model.








For easier installation there are transport handles on the back at the top and transport wheels underneath the appliance.

Symbols in the display

Controls

Symbol		Function
	Standby	For switching on the whole appliance; For switching on the refrigerator section separately
	Settings mode	For selecting settings (see “Selecting further settings”)
	Minus/plus	For altering a setting (e.g. temperature)
		For confirming a setting
	Navigation arrow Left/right	For scrolling in Settings mode to select a setting
	Back	Exiting a menu

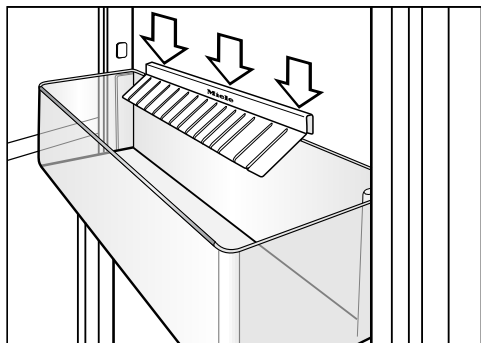
Information

Symbol		Meaning
	Standby	The appliance is connected to the power supply but is not switched on. The refrigerator section is switched off separately.
	Freezer section	Identifies the freezer section temperature display
	SuperCool (refrigerator section)/ SuperFreeze (freezer section)	Function can be selected depending on section (see “Using SuperFreeze, SuperCool and DynaCool”).
	DynaCool (refrigerator section)	Function can be selected depending on section (see “Using SuperFreeze, SuperCool and DynaCool”).
	Temperature alarm	Warning (see “Problem solving guide - Messages in the display”)
	Door alarm	Warning (see “Problem solving guide - Messages in the display”)
	Power cut	Warning (see “Problem solving guide - Messages in the display”)

Accessories

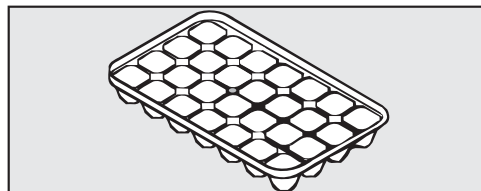
Accessories supplied

Bottle holder



The fins of the bottle holder jut out into the bottle shelf and make bottles more secure when opening and closing the appliance door.

Ice cube tray

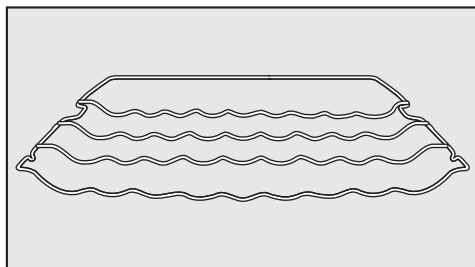


Optional accessories

A range of useful Miele accessories and care products are available for your appliance.

Accessories are available from Miele directly (see back cover for contact details).

Bottle rack

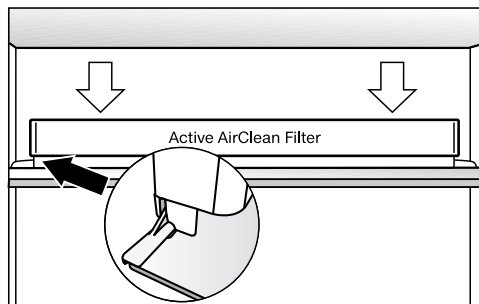


Bottles can be stored horizontally in the refrigerator section using the bottle rack to save space.

The bottle rack can be placed in different positions in the refrigerator section.

KKF-FF Active AirClean charcoal filter with holder

The charcoal filter neutralizes unpleasant odours in the refrigerator section for improved air quality.



The charcoal filter holder clips onto the protective strip at the back of the shelf and can be moved as necessary.

KKF-RF Active AirClean replacement filters

Replacement filters to fit the Active AirClean holder are available. We recommend replacing the charcoal filters every 6 months.

Miele all purpose microfibre cloth

Light soiling and fingerprints on stainless steel fronts, control panels and furniture can be easily removed with this microfibre cloth.

Before using for the first time

Before using for the first time

Removing packaging material

- Remove all packaging material from the inside of the appliance.

Removing the protective foil

The appliance is covered with protective foil to protect it during transportation.

- Remove the protective foil only after the appliance has been installed in its intended location.

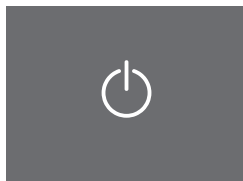
Cleaning and care

Please refer to the relevant instructions in “Cleaning and care”.

- Clean the inside of the appliance and the accessories.

Connecting the appliance

- Connect the appliance to the mains electricity supply.



Standby

⏻ appears in the display.

Touch display

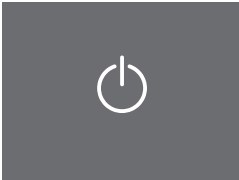
The touch display can be scratched by pointed or sharp objects, e.g. pens.

Only touch the display with your fingers.

If your fingers are cold, the touch display may not react.

Switching the appliance on

To enable the temperature to get sufficiently cold inside the appliance, allow the appliance to run for approx. 2 hours before placing food in it. Do not place food in the freezer until the temperature is at least -18 °C.




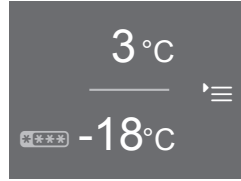
Standby

■ Touch  briefly.

The welcome message

Miele - Willkommen will appear in the display for approx. 3 seconds.

If this does not happen and  appears in the display, the safety lock is activated (see “Selecting further settings” - “Activating or deactivating the safety lock” - “Deactivating the safety lock temporarily”).



Start screen

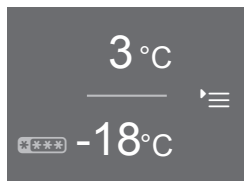
The display changes to the start screen.

The interior lighting comes on and becomes brighter until it reaches its maximum brightness. The appliance is now switched on and will start to cool. The appliance will gradually reach the pre-set temperatures:

- Temperature in the refrigerator section = 3 °C
- Temperature in the freezer section = -18 °C

Switching on and off

Start screen



The start screen is the screen from which all settings can be selected.

The display is divided into several fields for this purpose:

The temperature display for the refrigerator section is in the upper field.

Touch the temperature display to access the refrigerator section display. Here you can set or change the temperature (see “The correct temperature - Setting the temperature”) as well as select the SuperCool ❄️ and/or DynaCool 🌀 functions (see “Using SuperFreeze, SuperCool and DynaCool”).

The temperature display for the freezer section is in the lower field.

This is also identified by ❄️❄️❄️.

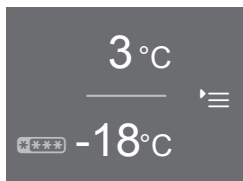
Touch the temperature display to access the freezer section display. Here you can set or change the temperature as well as select the SuperFreeze ❄️ function (see “Using SuperFreeze, SuperCool and DynaCool”).

Settings mode '≡' is on the right-hand side.

Touch the '≡' symbol to access Settings mode. Here further settings can be selected (see “Selecting further settings”).

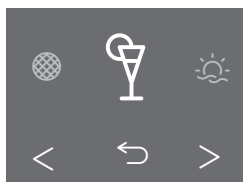
Switching off the appliance

You can switch the appliance off in Settings mode (see “Selecting further settings”).



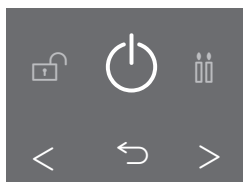
Start screen

■ Touch '≡'.



Settings mode

■ Use the < or > arrow sensors until ⏻ is displayed.



Switching off the appliance

■ Touch ⏻.

The temperature display goes out and ⏻ lights up.

The refrigerator section interior lighting will go out and the cooling system switches off.

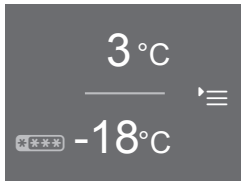
⏻ will go out after approx. 10 minutes. The display goes dark and switches to energy-saving mode.

Switching off the refrigerator section separately

The refrigerator section can be switched off without having to switch off the freezer section.

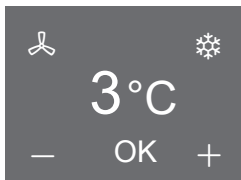
Useful tip: We recommend using the Holiday mode function if you are away on holiday (see “Selecting further settings – Switching Holiday mode ☀ on/off”), so that the appliance operates at lower power rather than being switched off completely.

If the Party mode 🍷, DynaCool 🌀 or SuperCool ❄ functions have been previously selected, these will be switched off automatically.



Standby

- Touch the temperature display in the field for the refrigerator section.



Refrigerator section display

- Touch — or + until ⏻ is displayed.
- Touch ⏻.
- Touch OK to confirm your entry.

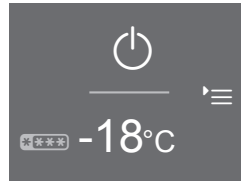


Start screen – refrigerator section switched off

The temperature display for the refrigerator section goes out and ⏻ lights up.

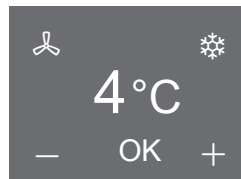
The refrigerator section is switched off. The temperature in the freezer section will still be shown in the display. The interior lighting of the refrigerator section will go out.

Switching the refrigerator section on separately (if previously switched off)



Start screen – refrigerator section switched off

- Touch ⏻ in the field for the refrigerator section.



Refrigerator section display

- Touch — or + until 4 °C is displayed.
- Touch OK to confirm your entry.

Switching on and off

The refrigerator section is switched on and will start to cool. It will gradually reach the set temperature. The interior lighting will come on when the refrigerator section door is opened.

Switching off for longer periods of time

If, during a long absence, the appliance is switched off but not cleaned and the door(s) left shut, there is a risk of mould forming inside the appliance.

It is essential to clean the appliance.

If the appliance is not going to be used for a longer period of time, observe the following:

- Switch the appliance off.
- Disconnect the appliance from the mains. Switch off at the wall and withdraw the plug from the socket, or switch off the mains circuit breaker.
- Clean the appliance and leave the door ajar to air the appliance and avoid odours building up inside.

It is also advisable to carry out the last instruction if you are switching the refrigerator section off only for a longer period of time.

It is very important to set the correct temperature for storing food in the appliance. Bacteria will cause food which is not stored at the correct temperature to deteriorate rapidly. Temperature influences the growth rate of these micro-organisms. Reducing the temperature reduces their growth rate.

The temperature in the appliance will rise:

- The more often the door is opened and the longer it is kept open.
- The more food is stored in it.
- The warmer the food is which is being put into it.
- The higher the ambient temperature. The refrigeration appliance is designed for use within specific ambient temperatures (climate range). Do not use it in ambient temperatures for which it is not designed.

... in the refrigerator section

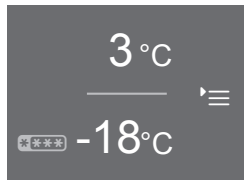
We recommend a temperature of **4 °C** in the refrigerator section.

... in the freezer section

To freeze fresh food and to store frozen food for long periods, a temperature of **-18 °C** is required. At this temperature the growth of micro-organisms is generally halted. As soon as the temperature rises above -10 °C, the bacteria become active in the food again so it cannot be kept as long. For this reason, partially defrosted or defrosted food must not be refrozen. Food may be refrozen once it has been cooked, as the high temperatures achieved when cooking destroy most bacteria.

The correct temperature

Temperature display



Start screen

In normal operation the upper temperature display shows the **average, actual temperature in the refrigerator section** and the lower temperature display **the lowest temperature in the freezer section** at the present time.

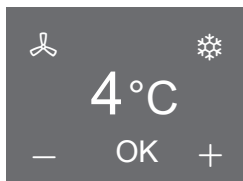
Depending on the ambient temperature and the temperature setting, it may take several hours for the selected temperature to be reached and shown as a constant temperature in the display.

Setting the temperature

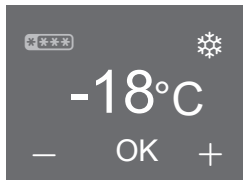
The temperatures for the refrigerator and freezer sections can be set independently of each other.

- Touch the temperature display for the section you want to change.

The previously set temperature will appear.



Refrigerator section display



Freezer section display

- Use the — and + arrows to set a higher or lower temperature.

- Touch **OK** after setting the temperature to confirm your entry.
- Or wait approximately 8 seconds after the last touch of a sensor. The temperature will then be adopted automatically.

Useful tip: The newly set temperature can also be confirmed and adopted by closing the appliance door.

The temperature display will change to the current temperature in the appliance.

Temperature range

- The temperature in the refrigerator section can be set from 1 °C to 9 °C.
- The temperature in the freezer section can be set from -15 °C and -26 °C.

Useful tip: If you have adjusted the temperature, **wait for approx. 6 hours if the appliance is not very full and for approx. 24 hours if the appliance is full** before checking the temperature display. It will take this long for an accurate reading to be given.

- If, after this time, the temperature is still too high or too low, adjust it again.

Using SuperFreeze, SuperCool and DynaCool

The following functions are available depending on the section:

- **Refrigerator section**
SuperCool ❄️ and DynaCool 🌀
- **Freezer section**
SuperFreeze ❄️

See the following pages for more information on these functions and how to switch them on.

SuperFreeze function ❄️

For best results, switch on the SuperFreeze function before putting fresh food into the freezer. This helps food to freeze quickly and retain its nutrients, vitamins, flavours and appearance.

Exceptions:

- When placing food in the freezer that is already frozen.
- When freezing only up to 1 kg fresh food daily.

When freezing small quantities of food in the freezer, SuperFreeze should be switched on **6 hours beforehand**.

When freezing the **maximum load of food** SuperFreeze should be switched on **24 hours beforehand**.

When SuperFreeze is switched on, the appliance will work at full power to lower the temperature in the freezer.

The SuperFreeze function will switch itself off automatically after approx. 65 hours. The quantity of fresh food placed in the freezer will determine the duration before SuperFreeze switches off.

Useful tip: To save energy, you can manually switch off SuperFreeze once the freezer reaches a **constant** temperature of -18 °C or colder. Monitor the temperature in the freezer.

When SuperFreeze is switched off, the appliance will run at normal power again.

SuperCool function ❄️

The SuperCool function can be used to rapidly reduce the temperature in the refrigerator to its lowest setting (depending on the room temperature).

Useful tip: SuperCool is particularly recommended for the rapid chilling of large amounts of fresh food or drinks.

When SuperCool is switched on, the appliance will work at full power to lower the temperature in the refrigerator.

It switches itself off automatically after approx. 12 hours.

Useful tip: To save energy, you can switch the SuperCool function off yourself once the food and drinks are sufficiently chilled.

When SuperCool is switched off the appliance reverts to working at normal power.

Using SuperFreeze, SuperCool and DynaCool

DynaCool function

When the dynamic cooling function (DynaCool) is not switched on, the natural circulation of air will cause different temperature zones in the refrigerator as the cold, heavy air sinks to the lowest section. Make use of the different temperature zones when placing food in the refrigerator (see “Using the refrigerator efficiently”). However, if you are placing a large amount of food in the refrigerator at any one time, e.g. after your weekly shop, it is a good idea to switch on DynaCool. This way you can distribute the temperature inside the appliance to all areas more evenly so that all the food in the refrigerator section will be chilled to about the same degree. The temperature can be set as usual with the temperature control.

DynaCool should also be switched on when:

- the ambient temperature in the room is high, i.e. above 30 °C, and
- the room humidity level is high.

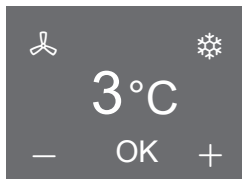
With DynaCool selected, the fan is operating continuously: When the compressor switches on, the fan also switches on automatically.

Useful tip: As the energy consumption is increased when DynaCool is activated, it should be switched off under normal conditions.

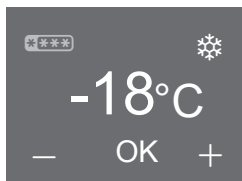
To save energy, the fan switches off automatically when the door is open.

Switching a function on or off




- Touch the temperature display for the section you want.



Refrigerator section display - DynaCool, SuperCool



Freezer section display – SuperFreeze

The current temperature and  and  or  appear in the display.

- Touch the symbol for the required function.
- If the symbol lights up orange, the function is selected.
- If the symbol lights up white, the function is deselected.
- Touch OK to confirm your entry.
- Or wait approximately 8 seconds after the last touch of a sensor. The setting will then be adopted automatically.

The SuperCool, SuperFreeze, or DynaCool functions are switched on or off.

Using SuperFreeze, SuperCool and DynaCool

Functions that are switched on are **not** displayed on the start screen.

Following an interruption to the power supply any function which was previously switched on will be switched off.


Displaying a selected function

- Touch the temperature display for the relevant section.

The current temperature is shown in the display. The symbol for the selected function lights up orange.



The appliance has been fitted with a warning system which ensures that the temperature in the freezer section cannot rise unnoticed and to avoid energy being wasted if a door is left open.

Temperature alarm

 Health risk due to consumption of spoiled food!

If the temperature in the freezer remains above -18 °C for a long time, the frozen goods can start to defrost. This shortens the shelf life of the food.

Check whether the frozen food has started to defrost. If it has, check that the food is safe to use and if it is, use it as soon as possible or cook it before freezing it again.

If the temperature in the freezer section becomes too warm,   will light up red in the freezer section temperature display.

An alarm will sound until the cause of the alarm is rectified or the alarm is switched off.



The temperature the appliance is set at determines the temperature the appliance recognises as being too warm.

The temperature alarm is only displayed on the start screen and not when selecting a setting.

A temperature alarm is displayed before an existing door alarm.

The acoustic and visual signals will be activated if:

- The appliance is switched on and the temperature in the appliance differs greatly from the set temperature.
- A lot of warm room air enters the freezer as you are rearranging or taking out frozen goods.
- You are freezing large amounts of food at once.
- You are freezing warm food.
- There was a power outage.
- The appliance has a fault.

The alarm will stop and   will go out as soon as the temperature has dropped down to the correct level again.

Switching the temperature alarm off early and checking the warmest temperature

You can switch the alarm off early if you wish. You can also call up the warmest temperature that occurred in the freezer.

■ Touch  .

The fault message is confirmed and the alarm will stop. The start screen appears in the display: the warmest temperature recorded in the freezer section will flash in the display for about 1 minute. Then the current temperature in the freezer will be displayed.

Temperature and door alarm


You can exit the flashing temperature display early:

- Touch the temperature display for the freezer section.


The flashing, warmest temperature displayed will disappear. The display will revert to showing the current temperature in the freezer.

Door alarm

The appliance is fitted with a warning system to avoid increased energy consumption and food becoming warm if the doors are left open.

If an appliance door is left open for a longer period of time,  will light up yellow in the relevant temperature display. An alarm will sound four times. If the cause of the alarm is not rectified and the alarm is not switched off early, the alarm will sound approx. every 3 minutes.

The amount of time until the door alarm is triggered depends on the setting selected (factory default setting = 2 minutes). The door alarm can also be switched off (see “Selecting further settings – Setting the volume/Switching alarms and audible tones on/off”).

The alarm will stop and  will go out in the display as soon as the door is closed.

The door alarm is only displayed on the start screen.

When you are in Settings mode, the door alarm is automatically suppressed. No symbol will be displayed and no alarm will sound.

If no alarm tone sounds in the event of a door alarm, the alarm has been switched off in Settings mode (see “Selecting further settings – Setting the volume/Switching alarms and audible tones on/off”).

Switching the door alarm off early

You can switch the alarm off early if you wish.

















- Touch .

The current temperature is shown in the display. The alarm will stop.

Selecting further settings

Settings overview

The following settings can be activated or changed. The factory settings are shown in **bold** or as a marked level in the segment bar.

Setting		Selection/factory default setting
	Switching Party mode on/off	On (orange symbol)/ Off
	Switch Holiday mode on/off	On (orange symbol)/ Off
	Using the minute minder (QuickCool Timer)	00:00 –9:59 h:min
	Switching the safety lock on/off	On/ Off
	Switching off the appliance	OK
	Switching Sabbath mode on/off	On (orange symbol)/ Off
	Changing the duration before the door alarm sounds	Levels 1–7 (level 1 = 30 sec) ----- (level 4 = 2 min)
	Switching the keypad tone on/off	On/Off
	Setting the volume/Switching alarms and audible tones on/off	Off – level 7 -----
	Setting the display brightness	Levels 1–7 -----
	Changing the temperature unit	°C/°F
	Demo mode (only visible when switched on)	Off
	Resetting factory settings	
	Accessing information about your appliance	Display (important when reporting a fault to Miele Service)
	Reminder to replace charcoal filter	On (orange symbol)/ Off

Selecting further settings

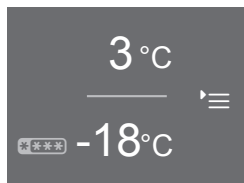
Selecting further settings

In Settings mode '≡, certain settings can be adjusted and functions selected, allowing you to adjust the refrigeration appliance to suit your requirements.

See the following pages for more information on these settings.

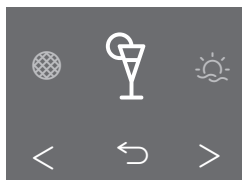
The door alarm and other warnings are automatically suppressed when you are in Settings mode. No symbols will be displayed and no alarm will sound. Exception: If there is an appliance fault (F+numbers), Settings mode will be exited automatically. The fault code will be shown in the display and an alarm will sound (see "Problem solving guide – Messages in the display").

Selecting the required setting



Start screen

- Touch '≡.



Settings mode

- Scroll left or right using the < or > arrow sensors.

The symbol for the selectable setting appears in the middle of the display.

The symbols for the next available settings are visible in the background to the right and left, but cannot be selected.

- Touch the symbol for the setting you want (see "Settings overview").

Depending on the setting selected, there are two options:

1. You reach a sub-menu for selecting further options or for entering values.
2. You select the setting directly. The symbol turns orange and this confirms your selection. If the symbol is white, the function has not been activated.

Entering values

All values entered must be confirmed with **OK**. If the value is not confirmed, the display will revert to the start screen after approx. 15 seconds and the selected or altered values will not be adopted.

Exiting a menu (“Back” ↵)

You can return to the previous screen by touching ↵.

Entries made before this which have not been confirmed with **OK** will not be saved.

Explanation of the different settings

Switching Party mode 🍷 on/off

This function is particularly useful if you need to cool or freeze large quantities of food and drinks quickly, and make ice cubes, for example if you are expecting a large number of guests.

SuperCool, DynaCool and SuperFreeze are switched on automatically:

The refrigerator and the freezer section are cooled down rapidly to their lowest temperature (depending on the ambient temperature).

Useful tip: Switch the function on approx. 4 hours before placing food in the appliance.

If Party mode cannot be activated, the refrigeration section has been switched off separately or Holiday mode is switched on.

Party mode switches itself off automatically after approx. 20 hours. However, you can switch it off early at any time.

After a power failure, a previously activated Party mode is switched off.

Selecting further settings

Switching Holiday mode ☀ on/off

This function is useful when you go on holiday if you do not wish to switch the refrigerator section off completely and do not need a high degree of cooling.

The freezer section remains switched on at -18°C . The refrigerator section is regulated at a temperature of 15°C , remaining in operation whilst saving energy.

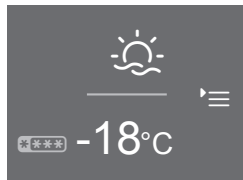
As a result of the higher temperature during Holiday mode, the shelf life of the food is reduced.

Do not store any temperature-sensitive food which goes off easily such as fruit, vegetables, fish, meat and dairy products during this time.

Food which does not go off quickly can be stored in the refrigerator section for some time at this moderate temperature, and energy consumption is lower than in normal operation.

This also prevents the build-up of odours and mould which can occur if the refrigerator section is switched off and the door is closed.

When Holiday mode is switched on, this is indicated on the start screen:



Holiday mode start screen

If Holiday mode cannot be switched on, the refrigerator section has been switched off separately.


If Party mode, SuperCool or DynaCool are switched on, these will be switched off when Holiday mode is selected.

Using the minute minder (QuickCool timer)

The minute minder can be used to time activities in the kitchen, e.g. chilling pastry. An audible tone will sound at the set time.

A minute minder can be set for a maximum duration of 9 hours and 59 minutes.

– Setting the minute minder

- Touch .
- Use + or – to set the hours.
- Confirm with OK.

The hours are now set. You can now set the minutes.


- Use + or – to set the minutes.
- Confirm with OK.

The minutes are now set. The set minute minder time starts counting down. If the appliance door is opened again, the minute minder duration will appear counting down in the display. After approx. 3 seconds, the display changes to the start screen.

When you display or alter the minute minder duration, the minute minder countdown is paused.

When power is restored after an interruption to the power supply, any previously set minute minder is deleted.

– When the minute minder duration has elapsed


An audible signal will sound and  will flash.


- Touch the display.

The start screen appears.

– Altering the minute minder


- Open the appliance door.


 and the minute minder countdown appear in the display for approx. 3 seconds.

- During this time, touch the minute minder countdown in the display.
- Touch  to alter the minute minder duration. Proceed exactly as for setting the minute minder duration (see “Setting the minute minder”).

– Cancelling the minute minder

- Open the appliance door.

 and the minute minder countdown appear in the display for approx. 3 seconds.

- During this time, touch the minute minder countdown in the display.
- Touch  to delete the set minute minder.

The start screen appears.

You can also alter or cancel a set minute minder duration in Settings mode.

Selecting further settings

Activating or deactivating the safety lock /

The safety lock can be activated to secure against unintentional:

- switching off
- temperature adjustments
- selection of DynaCool, SuperCool and SuperFreeze,
- adjustment of settings (only switching off the safety lock is possible).

The safety lock prevents the appliance being used without your knowledge, for example by children.

The safety lock will remain activated following an interruption to the power supply, if previously switched on.

– Deactivating the safety lock temporarily

- Touch the display.

 appears.

- Touch  for approx. 6 seconds.

You can now select further settings (temperature, additional functions etc.). When the appliance door is closed, the safety lock is switched on again.

– Switching off the safety lock

- Touch the display.

 appears.

- Touch  for approx. 6 seconds.


The start screen appears.

- Touch .

- Select .


 lights up orange.

- Touch .


 appears in the display. The safety lock is switched off.

Switching the appliance off

The whole appliance can be switched off with this function.

The temperature display goes out and  lights up.

The interior lighting goes out and cooling is turned off.


 will go out after approx. 10 minutes and the display will turn dark (energy-saving mode).

Switching Sabbath mode on/off

The appliance has a Sabbath mode to support the observance of religious customs.


The following are switched off:

- the interior lighting when the door is opened,
- all acoustic and visual signals,
- the temperature display,
- the DynaCool, SuperCool, SuperFreeze, Party mode and Holiday mode functions (if previously selected),
- the minute minder (if switched on previously).

In addition, you cannot select any settings in Settings mode .

The Sabbath mode will switch itself off automatically after approx. 120 hours.

Ensure that the appliance doors are properly closed, as visual and acoustic alarms are switched off.

 **Health risk due to consumption of spoiled food!**


As a possible power outage during Sabbath mode is not displayed, frozen food can thaw or defrost. This shortens the shelf life of the food.

Check whether the frozen food has started to defrost. If it has, check that the food is safe to use and if it is, use it as soon as possible or cook it before freezing it again.

– Switching Sabbath mode on


- Touch .

 lights up orange.

Then  lights up white in the display.



Sabbath mode display

 will go out after approx. 3 seconds and the display will go dark.

– Switching Sabbath mode off prematurely

- Touch the display.

 appears.

- Touch .


 lights up orange.


- Touch .

 lights up white. The function is switched off.



Selecting further settings

Setting the time before the door alarm is triggered

The appliance has a door alarm. If a door is open for a longer period of time an alarm will sound (unless this has been switched off: see “Setting the volume/Switching alarms and audible tones on/off”) and  will light up in the display (see “Temperature and door alarm – Door alarm”).


You can set the time before the door alarm  sounds with the segment bar: The time can be set in 30-second increments, starting with 30 seconds (level 1 = 1 filled-in segment) up to a maximum of 3 minutes 30 seconds (level 7 = 7 filled-in segments).

Switching the keypad tone / on/off

Each time a selectable field in the display is touched, a keypad tone sounds. You can switch this tone on  or off .

Setting the volume/Switching alarms and audible tones on/off

You can set the volume of the alarms and audible tones in the segment bar: If all segments are filled in, the maximum volume is set.

If no segments are filled in, the alarms and audible tones are switched off.  appears.

You will hear the volume change as it is adjusted.

Alarms and audible tones for temperature alarms, error messages, interruptions to the power supply or a set minute minder cannot be switched off.

Setting the display brightness

You can set the display brightness in the segment bar:

If all segments are filled in, the maximum brightness is selected.


You will see the brightness change as it is being adjusted.


Setting the temperature unit °C/°F

You can choose between degrees Celsius °C and degrees Fahrenheit °F for the temperature display.

Switching Demo mode off

Demo mode allows the refrigeration appliance to be presented in a showroom without the cooling system being switched on. Do not activate this setting for domestic use.

If Demo mode has been switched on at the factory,  will show in the display. You can switch the function off here.

If Demo mode has been switched off it cannot be switched on again via Settings mode .

Resetting factory settings

All settings are reset to the factory default and the appliance is switched off.


Accessing information

Appliance data (model number and serial number) is shown in the display.

Useful tip: This data is important for reporting an appliance fault to Miele's customer service department.

Confirm with OK to leave the information screen.


– Displaying licence agreements

Licences used can be displayed via .

Selecting further settings

Reminder to replace charcoal filter

The appliance is not supplied with charcoal filters with holder KKF-FF (Active AirClean). These are available to purchase separately (see “Accessories – Optional accessories”).

If the charcoal filter indicator has been activated, you will be reminded to replace the filters after approx. 6 months (see “Cleaning and care – Replacing the charcoal filters”). The  symbol will appear on the start screen in the temperature display and an alarm tone will sound (if switched on).

Touch the symbol to confirm the message. This resets the counter and the display changes back to the start screen.

Using the refrigerator efficiently

Different storage zones

Due to the natural air circulation there are different temperature zones in the refrigerator.

Cold, heavy air sinks to the lowest section of the appliance. Make use of the different zones when placing food in the appliance.

Useful tip: To allow air to circulate efficiently, do not pack food too closely together in the refrigerator.

If there is insufficient air circulation, the cooling performance will decrease and energy consumption will increase.

Do not cover the fan in the rear wall of the appliance.

Useful tip: Do not store food in such a way that it touches the rear wall of the refrigerator, as it may freeze to the back wall.

This appliance has DynaCool, which helps to keep an even temperature when the fan is running. When DynaCool is switched on, the difference between the various zones is less pronounced.

Warmest area

The warmest area is located in the top section of the main storage area and the door. Use this for storing butter so that it remains spreadable and for cheese so that it retains its flavour.

Coldest area

The coldest area in the refrigerator section is directly above the fruit and vegetable drawer and at the back of the appliance.

Use these areas to store all delicate and highly perishable food, e.g.

- fish, meat, poultry
- sausage products, ready meals
- dishes or baked goods containing eggs or cream
- fresh dough, cake mixtures, pizza or quiche dough
- soft cheese and other dairy products
- pre-packed vegetables
- other fresh food with a label stating it should be kept at a temperature of approx. 4 °C.

Using the refrigerator efficiently

Food which is not suitable for storage in the refrigerator

Not all food is suitable for refrigeration at temperatures below 5 °C because it is sensitive to cold. Depending on the type of food, the appearance, consistency, flavour and/or vitamin content may be altered if stored at too cold a temperature.

Foods which are sensitive to cold include:

- Pineapples, avocados, bananas, pomegranates, mangoes, melons, papayas, passionfruit, citrus fruits such as lemons, oranges, mandarines, grapefruits
- Fruit (which is not yet ripe)
- Eggplants, cucumbers, potatoes, capsicums, tomatoes, zucchini
- Hard cheeses, e.g. Parmesan, mountain cheese

Notes on buying food

The freshness of the food when it is first placed in the appliance is the most important factor for how long it stays fresh. Freshness is essential for a long shelf life.

Take into account the use-by date and the correct storage temperature.

Time out of the refrigerator, e.g. transporting food in a warm car, should be kept to a minimum.

Useful tip: Take a cooling bag when shopping, and load food in the appliance as soon as possible.

Storing food correctly

Ensure that food stored in the refrigerator section is **in packaging or covered properly**. This will prevent food smells from affecting other foods, food from drying out, and also cross-contamination of bacteria. This is especially important when storing meat products.

By ensuring that the temperature settings are correct and by taking appropriate hygiene measures, you can prolong the storage life of your food considerably.

Fruit and vegetables

Fruit and vegetables can be stored loose in the fruit and vegetable drawers.

Protein rich food

Please note that foods rich in protein deteriorate faster than others. Shellfish, for example, deteriorates faster than fish, and fish deteriorates faster than meat.

Adjusting the interior fittings (refrigerator section)

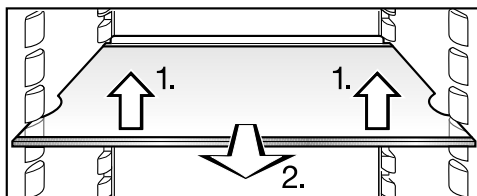
Adjusting the door shelves/ bottle shelf

Only move door/bottle shelves when they are empty.

- Push the door/bottle shelf upwards, then remove it by pulling it forwards.
- Replace the shelf at the required height. Ensure that it is securely pushed back into position.

Moving the adjustable shelves

Stoppers prevent the shelves from being dislodged by mistake.

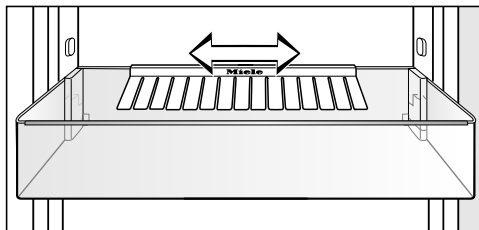


- The shelves can be adjusted according to the height of the food.

1. Lift the shelf up slightly at the front.
2. Pull it forwards a little and lift it until the notch at the side is in line with the shelf support. It can then be raised or lowered to the required level.

The raised edge on the protective strip at the back must face upward to prevent food from touching the back wall of the appliance and freezing to it.

Adjusting or removing the bottle holder



The bottle holder can be moved to the left or right to create more room for drink cartons.

The bottle holder can be removed, for example for cleaning:

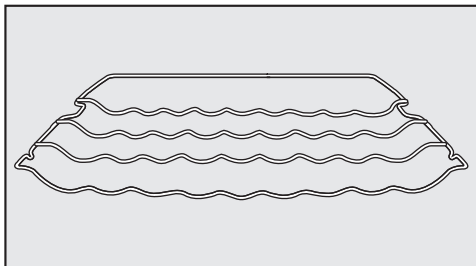
- Detach the bottle holder from the back edge of the bottle shelf.

The bottle holder can be replaced after cleaning.

Adjusting the interior fittings (refrigerator section)

Adjusting the bottle rack

The bottle rack is available as an optional accessory (see “Guide to the appliance - Optional accessories”).



The bottle rack can be placed on different levels in the appliance.

- Raise the rack and pull it forwards slightly until the notch at the side is in line with the shelf support. It can then be raised or lowered to the required level.

The stop bar at the back must face upward to prevent the bottles from touching the back wall.

The bottle rack has stoppers at the sides to prevent it from being pulled out unintentionally.

Moving the charcoal filters

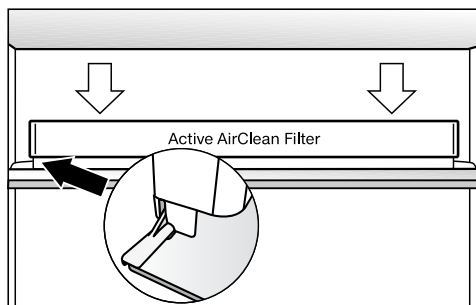
Charcoal filters and a KKF-FF (Active AirClean) holder are available as optional accessories (see “Guide to the appliance - Optional accessories”).

When you are storing very strong smelling food (e.g. very ripe cheese):

- Place the holder with the charcoal filters on the shelf where this food is kept.
- Change the charcoal filters sooner if necessary.
- Use more charcoal filters (with holders) in the appliance (see “Accessories - Optional accessories”).

The holder for the charcoal filters sits on the protective strip at the back of the shelf.

- To move the charcoal filters, pull the holder upwards to remove it from the protective strip.



- Refit it on the protective strip of the shelf you wish to use it on.

Freezing fresh food

Fresh food should be frozen as quickly as possible so that the nutritional value of the food, its vitamin content, appearance and flavour are maintained.

Food which takes a long time to freeze will lose more water from its cells, which then shrink. During the defrosting process, only some of this water is reabsorbed by the cells. In practice this means that the food loses more moisture. You can see this in the large amount of water that collects around the food when it defrosts.

If food is frozen quickly, the cells have less time to lose moisture, so they shrink less. As there is much less moisture loss, it is easier for the food to reabsorb it during defrosting, and very little water collects around the defrosted food.

Storing frozen food

Never refreeze partially or fully defrosted food. Defrosted food may only be refrozen after it has been cooked.

When buying frozen food to store in your freezer, make sure to check:

- that the packaging is not damaged
- the use-by-date and
- the temperature at which the frozen food is being stored at the store.

The length of time food can be kept is reduced if it has been stored at a temperature warmer than -18°C .

- Buy frozen food once you have finished the rest of your shopping, and wrap it in newspaper or use a cooler bag or cool box to transport it.
- Store it in the freezer compartment as soon as possible.

Freezing and storing food

Home freezing

Only freeze food which is fresh and in good condition.

Tips on home freezing

- The following types of food **are suitable** for freezing:
Fresh meat, poultry, game, fish, vegetables, herbs, fresh fruit, dairy products, pastry, leftovers, egg yolks, egg whites and a range of pre-cooked meals.
- The following types of food **are not suitable** for freezing:
Grapes, lettuce, radishes, sour cream, mayonnaise, eggs in their shells, onions, whole raw apples and pears.
- To retain colour, taste and vitamin C, vegetables should be blanched before freezing. To blanch, immerse the trimmed and washed vegetables in boiling water for 2-3 minutes. Remove and plunge into ice-cold water to cool quickly. Drain and pack ready for freezing.
- Lean meat freezes better than fatty meat and can be stored for considerably longer.
- Separate chops, steaks, cutlets, schnitzel or rolled meat with a sheet of plastic freezer film. This prevents them from freezing together in a block.
- Do not season fresh foods or blanched vegetables before freezing. Only season cooked food lightly before freezing. The taste or intensity of some spices alters when frozen.

- Allow hot foods and drinks to cool down before placing them in the freezer. Placing hot foods or drinks in the freezer causes food that is already frozen to partially thaw and increases energy consumption.

Packaging food for freezing

- Freeze food in portions.

Suitable packing material

- Plastic cling wrap
- Tubular polyethylene film
- Aluminum foil
- Freezer containers and bags

Unsuitable packing material

- Wrapping paper
- Grease-proof paper
- Cellophane
- Bin bags
- Plastic shopping bags
- Expel as much air as possible from bags etc. before sealing them to prevent freezer burn on food.
- Close the packaging tightly with
 - rubber bands
 - plastic clips
 - string or bag ties
 - freezer tape

Useful tip: Freezer bags and tubular polyethylene film may also be sealed using home heat sealing kits.

- Label the packaging with the contents and the date of freezing.

Before placing food in the appliance

- When freezing more than 2 kg of fresh food, switch on the SuperFreeze function for some time before placing the food in the freezer (see “Using SuperFreeze, SuperCool and DynaCool - SuperFreeze function”).

This helps food which is already stored in the freezer to stay frozen.

Placing food in the freezer



Risk of damage due to heavy loads.

Loading food which is too heavy can cause damage to the freezer drawers/glass plates.

Do not exceed the maximum load:

- freezer drawer = 25 kg
- glass plate = 35 kg

Unfrozen food should not touch frozen food as this will cause frozen food to begin to thaw.

- Make sure that the packaging and containers are dry to prevent them sticking together when frozen.

– Freezing small amounts of food

Freeze small items in the upper freezer drawers.

- Place the food flat in the bottom of the freezer drawer so that it freezes through to the core as quickly as possible.

– Freezing the maximum amount of food

If the ventilation gaps are blocked the cooling performance will decrease and energy consumption will increase.

When placing food in the freezer, make sure that the ventilation gaps are not blocked.

Please note that when removing the drawers, the lowest freezer drawer must always remain in the appliance.

- Remove the upper freezer drawers.
- Place the food flat on the upper glass plates so that it freezes through to the core as quickly as possible.

After the initial freezing process:

- Place the frozen food in the freezer drawer and push it back in.

Freezing and storing food

Storage time for frozen food

The storage life of food varies greatly, even when a constant temperature of -18°C is maintained. Even in frozen products, degradation processes take place, only at a much slower rate. For example, fat can become rancid from contact with oxygen in the air. Lean meat can therefore be stored approximately twice as long as fatty meat.

The storage times quoted are guide values for the storage life of different food groups in the freezer.

Food group	Storage time (months)
Ice cream	2 to 6
Bread, baked goods	2 to 6
Cheese	2 to 4
Fish, oily	1 to 2
Fish, lean	1 to 5
Sausage, ham	1 to 3
Game, pork	1 to 12
Poultry, beef	2 to 10
Vegetables, fruit	6 to 18
Herbs	6 to 10

Where the storage time given on the packaging differs, follow the advice on the packaging.

Defrosting frozen food

Never refreeze partially or fully defrosted food. Defrosted food may only be refrozen after it has been cooked.

Frozen food can be defrosted in different ways:

- in a microwave oven
- in an oven using “Fan Heat” or the “Defrost” setting
- at room temperature
- in the refrigerator section (the cold given off by the frozen food helps to keep the other food cold)
- in a steam oven

Flat pieces of partially defrosted fish or meat can be placed directly into a hot frying pan.


Thicker pieces of meat and fish (e.g. minced beef, chicken, fish fillet) should not come into contact with other food when defrosting. Collect the defrosting liquid and then pour it away, making sure you wash the container it was in, the sink and your hands.

Fruit should be defrosted at room temperature in its packaging or in a covered bowl.


Most vegetables can be cooked while still frozen. Just put straight into boiling water or hot fat. The cooking time is slightly less than that of fresh vegetables due to changes in the cell structure.

Cooling drinks quickly

To cool drinks quickly in the refrigerator section, switch on the SuperCool function.

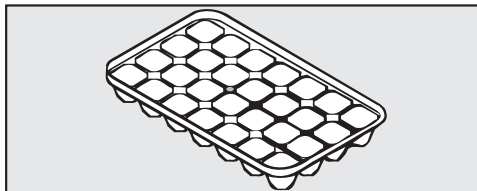
If you want to cool a large amount of drinks, or if you want to cool drinks in the freezer section, select Party mode  in Settings mode '≡.

When cooling drinks quickly in the freezer, make sure bottles are not left in for **more than one hour**. Otherwise they could burst, causing injury or damage.

Useful tip: To avoid forgetting about bottles placed in the freezer you can set the minute minder (QuickCool timer)  in Settings mode.

Using accessories

Making ice cubes



- Fill the ice cube tray three quarters full with water and place it on the bottom of one of the freezer drawers.
- Once frozen, use a blunt instrument, for example a spoon handle, to remove the ice tray from the freezer if it is stuck.

Useful tip: Ice cubes can be removed easily from the tray by holding it under running water for a short time.

Adjusting the interior fittings

Removing the drawers and glass shelves from the freezer

The drawers can be removed for filling, emptying, or cleaning.

You can also expand the space available in the freezer section. If you wish to freeze large items such as a turkey or game, you can remove the glass shelves between the freezer drawers. To do this:

- Pull out the drawer as far as it will go, and then lift it up and out.
- Lift the glass shelf slightly, pull it forward and out.

Defrosting

Refrigerator section

The refrigerator section defrosts automatically.

Condensate and frost can build up on the back wall of the refrigerator section while the compressor is running. You do not need to remove this, as it will defrost and evaporate automatically with the warmth generated by the appliance.

The condensate is drained away through a channel and drain hole, then fed into an evaporation system at the back of the appliance.

Keep the condensate channel and drain hole clean to enable this. Condensate must be able to drain away unhindered at all times.


Freezer section

The appliance is equipped with a “NoFrost” system. The freezer defrosts automatically.

The moisture generated in the appliance collects on the evaporator and is automatically defrosted and dissipated from time to time.

This automatic defrosting system enables the freezer to remain permanently ice-free. Food stored in the freezer will not defrost with this system.

Do not let water get into the electronic unit or the lighting.

 Risk of damage due to moisture ingress.

The steam from a steam cleaning appliance can damage plastic parts and electrical components.

Do not use a steam cleaner to clean the appliance.

Cleaning water must not get into the drain hole.

The data plate located inside the appliance must not be removed. It contains information which is required in the event of a fault.

Cleaning agents

Cleaning and conditioning agents used inside the appliance must be food safe.

To avoid damaging the surfaces of your appliance, **do not use:**

- cleaning agents containing soda, ammonia, acids or chlorides,
- cleaning agents containing descaling agents,
- abrasive cleaning agents, e.g. powder cleaners and cream cleaners,
- solvent-based cleaning agents,
- stainless steel cleaning agents,
- dishwasher cleaner,
- oven sprays,
- glass cleaning agents,
- hard, abrasive sponges and brushes, e.g. pot scourers,
- dirt erasers,
- sharp metal scrapers.

We recommend using lukewarm water with a little washing-up liquid to clean the appliance.

The following pages contain important information on cleaning.

Cleaning and care

Preparing the appliance for cleaning

- Switch the appliance off.

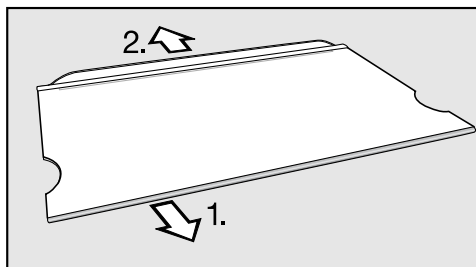
⏻ appears in the display and cooling is switched off. If this is not the case, the safety lock is on (see “Further settings - Switching off the safety lock”).

- Disconnect the appliance from the mains. Switch off at the wall and withdraw the plug from the socket, or switch off the mains circuit breaker.
- Take any food out of the appliance and store it in a cool place.
- Remove the door shelves and the bottle shelves from the door.
- Take out the freezer drawers and glass shelves.
- Take out all other removable parts for cleaning.

Dismantling an adjustable shelf

Before cleaning the shelf remove the plastic strip and protective strip at the back of the shelf. Proceed as follows:

- Place the shelf on a worktop covered with a soft material (e.g. a tea towel).



- First pull the plastic strip off, starting from one side.
- Pull the protective strip off.
- After cleaning the shelf reattach the plastic strip and the protective strip.

Cleaning the interior and accessories

The appliance should be cleaned regularly, or at least once a month.


Clean up any spills, stains or food immediately. Do not allow them to dry and stick to the appliance.

- Clean the **interior** with a clean sponge, lukewarm water and a little washing-up liquid.
- After cleaning, wipe with clean water and dry with a soft cloth.

Remove the plastic strips before cleaning the adjustable shelves and door shelves in a dishwasher.

The following parts **are not dishwasher-safe**:

- the plastic strips
- all drawers and drawer lids (supplied depending on model)
- the bottle rack
- Clean these parts by hand.

 Risk of damage as a result of excessively high dishwasher temperatures.

Some parts of the appliance may become unusable, e.g. deform, if they are washed in the dishwasher at more than 55 °C.

For the dishwasher-safe parts, only use dishwasher programmes with a maximum temperature of 55 °C.

Contact with natural dyes from carrots, tomatoes and ketchup may discolour the plastic parts in the dishwasher. This discolouration does not affect the stability of the parts.

The following parts are **dishwasher-safe**:

- the bottle holder, ice cube tray (included depending on model)
- the door and bottle shelves in the door (with plastic strips removed)
- the adjustable shelves (with the strips removed and without the printing)
- the holder for the charcoal filter (available as an optional accessory)
- Clean the condensate channel and drain hole frequently using a straw or cotton tip or similar item to ensure that condensate can drain away freely.
- Leave the door open to air the appliance for a short while and to prevent odours building up.

Cleaning and care

Cleaning the front of the appliance and the side panels


If soiling is left on for any length of time, it may become impossible to remove. Surfaces may suffer discolouration or damage. Therefore it is best to remove soiling from the appliance doors and side panels immediately.

All surfaces are susceptible to scratching. Contact with unsuitable cleaning agents can alter or discolour the surfaces. See the information on “Cleaning agents” at the beginning of this section.

- Clean the surfaces with a clean sponge and a solution of warm water and washing-up liquid. A clean, damp microfibre cloth without cleaning agent can also be used.
- After cleaning, wipe with clean water and dry with a soft cloth.

Stainless steel appliances

Appliance front

 Risk of damage due to incorrect cleaning.

The front finish (CleanSteel) will be damaged.

Do not use a stainless steel cleaning agent on this surface.

The appliance front has a special high-quality coating (CleanSteel). It is resistant to soiling and easy to clean.


Cleaning the ventilation gaps

A build-up of dust will increase the energy consumption of the appliance.

- The ventilation gaps should be cleaned on a regular basis with a brush or vacuum cleaner (you could use a Miele vacuum cleaner dusting brush, for example). A build-up of dust will increase the energy consumption of the appliance.

Cleaning the compressor and metal grille at the back of the appliance

A build-up of dust will increase the energy consumption of the appliance.

 Risk of damage due to incorrect cleaning.

Cables and other components can get torn off, bent or damaged.

Carefully clean the compressor and metal grille.

The compressor and metal grille at the back of the appliance (heat exchanger) should be dusted at least once a year.

Cleaning the door seals

If a door seal is damaged or has come out of the groove, the door will not close properly and cooling performance will be reduced. Condensate will build up in the interior and this can cause a build-up of ice.

Do not damage the door seals and ensure that they do not come out of their groove.



Risk of damage due to incorrect cleaning.

If you treat the door seals with oils or grease, they can become porous.

Do not use any oils or grease on the door seals.

- The door seals should be cleaned regularly with clean water, and then wiped dry with a soft cloth.

Starting up the appliance after cleaning

- Refit all shelves and accessories in the appliance.
- Reconnect to the mains and switch the appliance back on.
- Switch on the SuperFreeze function for a while so that the freezer section can cool down quickly.
- Switch on the SuperCool function for a while so that the refrigerator section can cool down quickly.
- Place food back in the refrigerator section and close the door.
- Place the freezer drawers with the frozen food back into the freezer section and close the door.
- Switch off the SuperFreeze function as soon as the temperature in the freezer is a constant -18 °C or colder.

Cleaning and care

Replacing the charcoal filters

Charcoal filters and a KKF-FF (Active AirClean) holder are available as optional accessories (see “Guide to the appliance - Optional accessories”).

Replace the charcoal filters in the holder every 6 months.

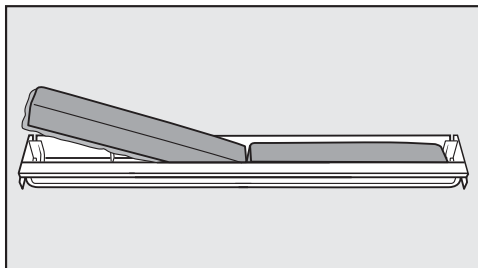
If you would like to be reminded automatically every 6 months, switch on the replace charcoal filter reminder (see “Selecting further settings – Reminder to replace charcoal filter”).

Replacement KKF-RF charcoal filters can be obtained from Miele or the Miele online shop.

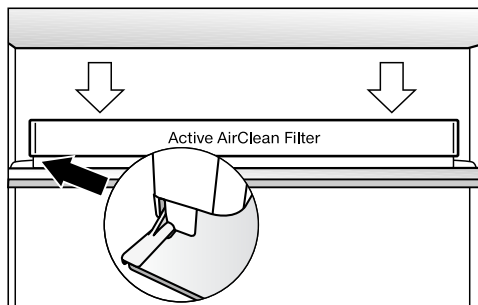
Useful tip: The holder for the charcoal filters is dishwasher-safe.


- Pull the charcoal filter holder upwards to remove it from the shelf.

When in position the charcoal filters must not touch the back wall of the appliance as the moisture could cause them to stick to the back wall. Insert the new charcoal filters into the holder so that they do not protrude over the edge of the holder.



- Remove both charcoal filters and place the new filters with the raised edge pointing downwards in the holder.



- Place the holder in the middle of the raised edge at the back of the shelf so that it clicks into position.
- Touch  to confirm that the filters have been replaced.

The change charcoal filters indicator will go out and the counter is reset.

Problem solving guide

With the help of the following guide, minor faults in the performance of the appliance, some of which may result from incorrect operation, can be remedied without contacting Miele. This will save you time and money because you won't need a service call.

Please note that a call-out charge will be applied to unnecessary service visits where the problem could have been rectified as described in these operating instructions.

To prevent cold from escaping, avoid opening the appliance door until the fault has been corrected.

Problem	Possible cause and remedy
The appliance is not getting cold and the interior lighting does not come on when the door is opened.	The appliance is not switched on. ■ Switch the appliance on.
	The plug is not properly inserted into the socket. ■ Insert the plug into the socket correctly.
	The mains circuit breaker has tripped. There could be a fault with the appliance, the household electrical wiring or another electrical appliance. ■ Contact a qualified electrician or Miele.
The compressor runs continuously.	Not a fault! To save energy, the compressor runs at a lower speed when less cooling is required. This increases the running time of the compressor.
The compressor is switching on more frequently and for longer periods of time. The temperature in the appliance is too low.	The ventilation gaps are covered or have become too dusty. ■ Do not block the ventilation gaps. ■ Clean the dust from the ventilation gaps on a regular basis.
	The doors have been opened too frequently, or a large amount of fresh food has been put in at once for refrigerating or freezing. ■ Only open the doors when necessary and for as short a time as possible. After a while the temperature will return to normal by itself.

Problem solving guide

Problem	Possible cause and remedy
	<p>The appliance doors are not closed properly. A thick layer of ice may have formed in the freezer section.</p> <ul style="list-style-type: none"> ■ Close the appliance doors. <p>After a while the temperature will return to normal by itself.</p> <p>If a thick layer of ice has formed, it will decrease the cooling performance and increase the energy consumption.</p> <ul style="list-style-type: none"> ■ Defrost the appliance and clean it.
	<p>The ambient room temperature is too high. The higher the room temperature, the longer the compressor will run.</p> <ul style="list-style-type: none"> ■ See “Installation – Location”.
	<p>The temperature setting is too low.</p> <ul style="list-style-type: none"> ■ Correct the temperature setting.
	<p>A large amount of food has been placed in the freezer at once.</p> <ul style="list-style-type: none"> ■ See “Freezing and storing food”.
	<p>The SuperCool function is still switched on.</p> <ul style="list-style-type: none"> ■ To save energy, you can switch SuperCool off early yourself.
	<p>The SuperFreeze function is still switched on.</p> <ul style="list-style-type: none"> ■ To save energy, you can switch SuperFreeze off early yourself.
<p>The compressor comes on less and less often and for shorter periods of time. The temperature in the appliance rises.</p>	<p>This is not a fault. The temperature setting is too high.</p> <ul style="list-style-type: none"> ■ Correct the temperature setting. ■ Check the temperature again after 24 hours.
	<p>The food begins to defrost.</p> <p>The room temperature is too low for this appliance. If the room temperature is too low, the compressor will run less frequently. This may cause the freezer section to become too warm.</p> <ul style="list-style-type: none"> ■ See “Installation – Location”. ■ Increase the temperature of the room.
<p>The door seal is damaged and needs to be replaced.</p>	<p>No tools are required to change the door seal.</p> <ul style="list-style-type: none"> ■ Change the door seal. A replacement is available from Miele.







Problem solving guide

Problem	Possible cause and remedy
Ice or condensation has built up inside the appliance.	The door seal has come out of its groove. ■ Check that the door seal is correctly seated in the groove.
	The door seal is damaged. ■ Check if the door seal is damaged.




Problem solving guide

Messages in the display

Message	Possible cause and remedy
■ lights up in the display, the appliance does not get cold even though the controls and the interior lighting are working.	<p>Demo mode is switched on.</p> <p>■ Switch Demo mode off (see “Selecting further settings – Switching Demo mode off”).</p>
Nothing is visible in the display. The display is dark.	<p>Energy-saving mode is switched on. If the appliance has not been operated for a while (approx. 10 minutes), the display switches off.</p> <p>■ Touch the display.</p> <p>The last display will appear.</p> <p>Sabbath mode is switched on. The interior lighting is switched off and the appliance is cooling.</p> <p>■ Touch the display.</p> <p>⏏ will light up white in the display (see “Selecting further settings – Switching Sabbath mode on/off”).</p>
🔒 lights up in the display and the appliance cannot be operated.	<p>The safety lock is switched on.</p> <p>■ Deactivate the safety lock temporarily or switch it off completely (see “Selecting further settings - Activating or deactivating the safety lock”).</p>
⚙️ lights up in the refrigerator temperature display and an audible tone sounds.	<p>The Reminder to replace charcoal filter setting has been activated. This is the reminder to change the Active AirClean charcoal filters.</p> <p>■ Confirm that the filters have been replaced by touching ⚙️ in the display, and replace the charcoal filters in the holder (see “Cleaning and care - Replacing the charcoal filters”).</p>
🚪⚠️ lights up yellow in the temperature display for the refrigerator section and/or the freezer section and an alarm sounds.	<p>The door alarm has been activated (also see “Temperature and door alarm”).</p> <p>■ Touch 🚪⚠️ in the display.</p> <p>The alarm message is confirmed and the warning tone stops.</p> <p>The current temperature is shown again in the display.</p> <p>■ Close the relevant appliance door.</p> <p>The alarm will stop.</p>

Message	Possible cause and remedy
<p>  lights up red in the freezer section temperature display and an alarm sounds.</p>	<p>The temperature alarm has been activated (see “Temperature and door alarm”). The temperature in the freezer section has risen higher or fallen lower than the temperature set.</p> <p>Possible reasons for this include:</p> <ul style="list-style-type: none"> – The appliance door has been opened too frequently. – A large quantity of fresh food has been placed in the freezer without switching on the SuperFreeze function. – A prolonged power cut (mains outage) has occurred. – The appliance has a fault. <p>■ Touch   in the display.</p> <p>The alarm message is confirmed:   goes out and the alarm stops.</p> <p>The start screen appears in the display: the warmest temperature recorded in the freezer section will flash in the display for about 1 minute. Then the current temperature in the freezer will be displayed.</p> <p>You can exit the flashing temperature display early:</p> <p>■ Touch the temperature display for the freezer section.</p> <p>The warmest temperature display will disappear. The display will revert to showing the current temperature in the freezer.</p> <p>■ Rectify the cause of the alarm.</p> <p>■ Depending on the temperature displayed, you should check whether food in the freezer has started to thaw or has defrosted. Defrosted food may only be refrozen after it has been cooked.</p>



Problem solving guide

Message	Possible cause and remedy
 lights up red in the display and an alarm sounds.	<p>There is a power cut: The temperature in the appliance over the last few days or hours has risen too high because of a power cut or an interruption to the power supply.</p> <ul style="list-style-type: none">■ Touch  in the display. <p>The fault message is confirmed:  goes out and the alarm will stop.</p> <p>The start screen appears in the display: the warmest temperature recorded in the freezer section will flash in the display for about 1 minute. Then the current temperature in the freezer will be displayed.</p> <p>You can exit the flashing temperature display early:</p> <ul style="list-style-type: none">■ Touch the temperature display for the freezer section. <p>The warmest temperature display will disappear. The display will revert to showing the current temperature in the freezer. The appliance will operate at the last temperature setting when the power is restored.</p> <ul style="list-style-type: none">■ Rectify the cause of the alarm.■ Depending on the temperature displayed, you should check whether food in the freezer has started to thaw or has defrosted. Defrosted food may only be refrozen after it has been cooked.

Message	Possible cause and remedy
<p>⚠ lights up red in the display, a fault code F with numbers appears and an alarm sounds.</p>	<p>There is a fault.</p> <ul style="list-style-type: none"> ■ To switch the alarm off touch 🔔 in the display. ■ Call Miele. <p>To report the fault you need the fault code and also the model number and serial number of your appliance. You can access these in the display.</p> <ul style="list-style-type: none"> ■ To do this touch ⓘ in the display. <p>The appliance data required will be shown in the display.</p> <p>Confirm with OK to exit the information display, and the fault code will be shown again in the display.</p> <p>The appliance can be switched off directly from the fault code display.</p> <ul style="list-style-type: none"> ■ Touch ⏻. <p>There is an appliance fault: This display will override any settings which have just been selected. An appliance fault has priority over any current door and/or temperature alarms in the display.</p>

Problem solving guide

The interior lighting is not working

Problem	Possible cause and remedy
The interior lighting is not working.	The appliance is not switched on. ■ Switch the appliance on.
	Sabbath mode is switched on: the display is dark and the appliance is cooling. ■ Touch the display.
	☺ will light up white in the display (see “Selecting further settings – Switching Sabbath mode on/off”).
	To avoid overheating, the interior lighting switches itself off automatically after approx. 15 minutes if the door is left open. If this is not the case, there is a fault.
	<div> Risk of electric shock due to exposed, live electrical components! When removing the lighting cover, there is a risk of coming into contact with live electrical components. Do not remove the lighting cover. The LED lighting must only be repaired or replaced by a qualified technician.</div> <div> Danger of injury from LED lighting! This lighting corresponds to risk group RG 2. If the cover is defective, the eyes may be injured. If the lighting cover is defective, do not look from a close range directly into the lighting with optical instruments (e.g. magnifying glass or similar).</div> <div>■ Call Miele.</div>

Other problems

Problem	Possible cause and remedy
The door to the freezer will not open because it has been opened and closed too many times in succession.	This is not a fault. The suction caused by opening and closing the door is preventing the door from opening. Wait approx. 1 minute and then try again. It should now open without force.
Food has frozen together.	The food packaging was not dry when loaded in the freezer. ■ Use a blunt instrument, e.g. a spoon handle or plastic scraper, to prise it apart carefully.
The external walls of the appliance feel warm.	This is not a fault. The heat which results from the cooling process is used to avoid the build-up of condensation on the appliance.
There is no audible alarm although the door has been open for a long time.	This is not a fault. The alarm has been switched off in Settings mode (see “Selecting further settings – Setting the volume/Switching alarms and audible tones 🔔 on/off”). Sabbath mode has been switched on.

Noises

Normal noises	What causes them
Brrrrr ...	A humming noise is made by the motor (compressor). This noise can get louder for brief periods when the motor switches on.
Blubb, blubb ...	A gurgling noise can be heard when coolant is circulating through the pipes.
Click ...	Clicking sounds are made when the thermostat switches the motor on and off.
Sssrrrrr ...	You can sometimes hear the sound of the fan inside the appliance.
Crack ...	A cracking sound can be heard when materials expand inside the appliance.
Remember that the noise of the compressor and the coolant circulating in the system is unavoidable.	

Noises	Possible cause and remedy
Rattling, vibrating, clinking	The appliance is uneven. Realign the appliance using a spirit level, by raising or lowering the screw feet underneath the appliance or place something underneath it.
	The appliance is touching another appliance or piece of furniture. Move it away.
	Drawers, baskets or shelves are unstable or sticking. Check all removable items and refit them correctly.
	Bottles or containers are touching each other. Separate them.
	The transport cable clips are hanging loose at the back of the appliance. Remove the cable clips.

Contact in case of fault

In the event of any faults which you cannot remedy yourself, please contact Miele.

Contact information for Miele can be found at the end of this booklet.

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

The data plate is located inside the appliance.

Displaying appliance information

This can be found in Settings mode under Information **i** (see “Selecting further settings – Accessing information”) or on the data plate inside the appliance.

– Displaying licence agreements

Licences used can be displayed via ©.

Warranty

The manufacturer's warranty for this appliance is 2 years.

For more information about country-specific warranty terms and conditions, please contact Miele.

Electrical connection

The appliance is supplied with a mains cable and moulded plug ready for connection to an AC single-phase 220–240 V 50 Hz supply.

The fuse rating must be at least 10 A.

This appliance must be connected to a suitable switched socket. The electrical installation must be in compliance with current local and national safety regulations.

The socket must not be concealed behind the appliance and must be easily accessible so that the appliance can be quickly disconnected from the electricity supply in case of an emergency.

If the socket is no longer accessible after installation, an additional means of disconnection must be provided for all poles. Suitable means of disconnection include switches with an all-pole contact gap of at least 3 mm. These include isolator switches, fuses and relays.

The mains plug and mains connection cable must not come into contact with the back of the appliance as vibrations can cause damage to these components. This could result in a short circuit.


Nor should other appliances be plugged into a socket located directly behind this appliance.

Do not connect the appliance to the mains electricity supply using an extension lead. Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating).


Do not connect the appliance to a stand-alone inverter such as those used with an autonomous energy source, e.g. **solar power**.

When the appliance is switched on, power surges could result in a safety switch-off. This could damage the electronics. The appliance must not be used with so-called **energy-saving devices** either. These reduce the amount of energy supplied to the appliance, causing it to overheat.

If the mains cable needs to be replaced, this must be done by a qualified and competent electrician.

 Fire risk and danger of damage from appliances which give off heat. Appliances which give off heat can catch fire and set fire to the refrigeration appliance.


Do not place appliances which give off heat, such as mini-ovens, double burner hobs or toasters on the refrigeration appliance.

 Fire risk and danger of damage from open flames!

Open flames can set fire to the refrigeration appliance.

Keep open flames (e.g. a candle) away from the refrigeration appliance.

Side-by-side installation

 Risk of damage due to condensation on the external appliance panels.

In environments with high humidity, condensation can build up on external appliance panels, which can cause corrosion.

Do not place different refrigeration appliance models directly next to one another.

Your refrigeration appliance must not be installed side-by-side with another refrigeration appliance because it is not equipped with built-in heating units in the side panels.

Please contact Miele for information on which combinations are suitable for your appliance.

Location

This appliance should be installed in a dry, well-ventilated room.


When deciding where to install your appliance please bear in mind that it will use more energy if installed near a heater, cooktop or other appliance that gives off heat. Direct sunlight should also be avoided.

The higher the room temperature, the longer the compressor will run and the higher the energy consumption will be.

When installing the appliance, please note:

- The mains socket must not be located directly behind the appliance and must be easily accessible.
- The plug and cable must not touch the rear of the appliance as they could be damaged by vibrations from the appliance.
- Nor should other appliances be plugged into a socket located directly behind this appliance.

Installation



Risk of damage due to condensation on the external appliance panels.

In environments with high humidity, condensation can build up on external appliance panels, which can cause corrosion.

To prevent this, it is advisable to install the appliance with sufficient ventilation in a dry and/or air conditioned room.

After installation, make sure that the appliance door closes properly, that the specified ventilation gaps are adhered to, and that the appliance has been installed in accordance with these installation instructions.


Climate range

The appliance is designed for use within a certain climate range (ambient temperatures) and should not be used outside this range. The climate range of the appliance is stated on the data plate inside the appliance.

Climate range	Ambient room temperature
SN	+10 to +32 °C
N	+16 to +32 °C
ST	+16 to +38 °C
T	+16 to +43 °C

Operating in a room which is too cold will result in the compressor switching off for too long, causing the internal temperature in the appliance to rise with the risk of food deteriorating and going off.

Ventilation



Risk of fire and damage due to insufficient ventilation!

If the refrigeration appliance is not ventilated sufficiently, the compressor will run more frequently and for longer periods. This will result in increased energy consumption and a higher operating temperature of the compressor. This, in turn, can result in damage to the compressor.

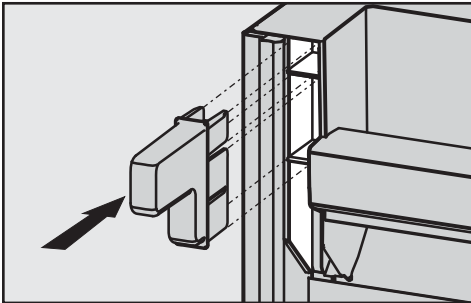
Please ensure that there is adequate ventilation around the refrigeration appliance.

It is essential to observe the required ventilation gaps. The ventilation gaps must not be covered or blocked in any way.

Air at the back of the appliance gets warm.

Fitting the supplied wall spacers

The wall spacers supplied must be used in order to achieve the stated energy consumption values and to prevent the build-up of condensation at high ambient temperatures. Appliance depth is increased by approx. 35 mm with the wall spacers fitted. If the wall spacers are not used, the functionality of the appliance is not affected. However, energy consumption is slightly increased with less distance between the appliance and the wall.



- Fit the wall spacers onto the back of the appliance on the top left and right.

Installation

⚠ Two people are required for installing the appliance.

⚠ The appliance must be empty when it is installed.

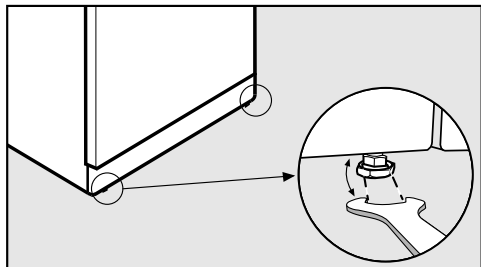
⚠ Move the appliance carefully on floors that are sensitive to scratching to prevent damage.

For easier installation there are transport handles on the back at the top and transport wheels underneath the appliance.

- Prepare the appliance for installation as close as possible to its intended installation location.
- Release the mains connection cable from the back of the appliance.
- Remove the cable clip from the back of the appliance.
- Move the appliance carefully to its intended installation location.
- Position the appliance with the wall spacers (if used) or the back close to the wall.

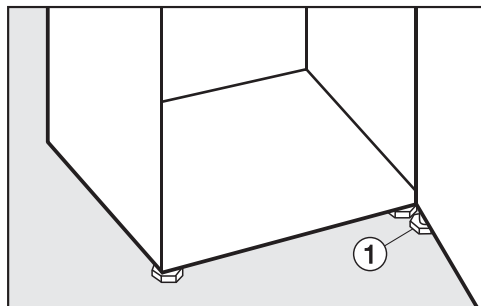
Installation

Aligning the appliance



- To align the appliance, adjust the front feet using the spanner supplied.

Supporting the appliance door



- **Ensure** that you unscrew the adjustable foot ① from the lower hinge plate with the enclosed spanner until it sits on the floor. Then unscrew the foot by a further $\frac{1}{4}$ turn.

Installing the appliance in existing kitchen units

⚠ Risk of fire and damage due to insufficient ventilation!

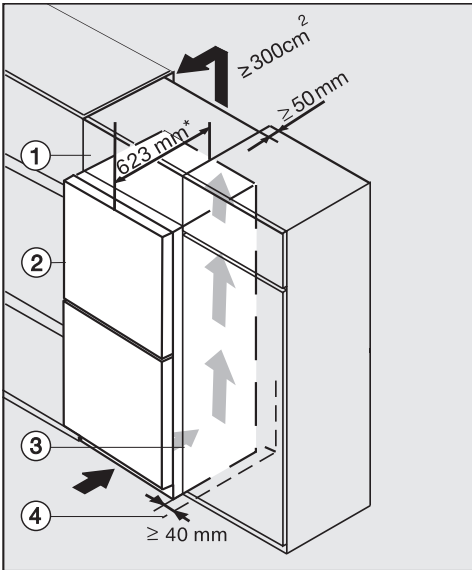
If the appliance is not ventilated sufficiently, the compressor will run more frequently and for longer periods. This will result in increased energy consumption and a higher operating temperature of the compressor. This, in turn, can result in damage to the compressor.

Please ensure that there is adequate ventilation around the appliance.

It is essential to observe the required ventilation gaps. The ventilation gaps must not be covered or blocked in any way.

The larger the ventilation gap, the more economically the compressor will work.

- A ventilation gap of at least 50 mm depth must be provided at the back of the appliance behind the whole width of the top box for air to circulate.
- The ventilation gap under the ceiling must be at least 300 cm^2 to ensure that the warm air can escape unhindered.



- ① Top box
- ② Refrigeration appliance
- ③ Housing unit
- ④ Wall

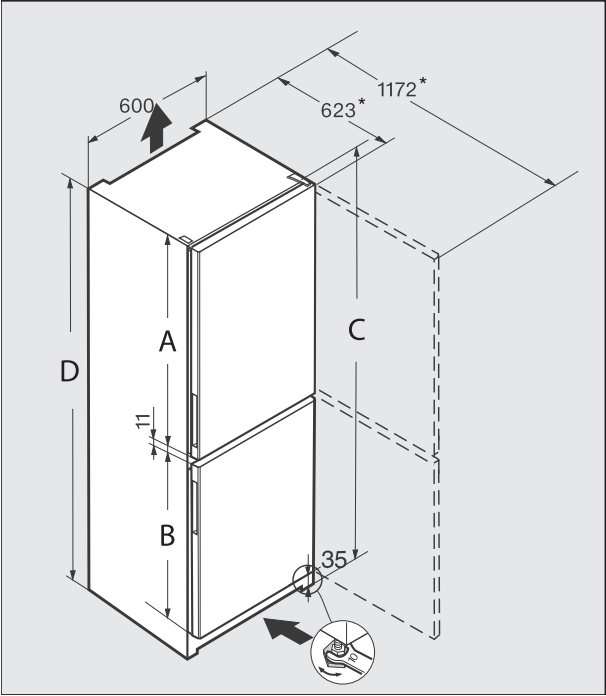
* The appliance depth is increased by approx. 35 mm for appliances with wall spacers fitted.

The appliance can be built into a run of kitchen units and installed directly next to a kitchen furniture unit. The appliance front must protrude in front of furniture fronts by at least 65 mm. This enables the doors to be opened and shut without being obstructed. To match the height of the kitchen units in the run, the appliance can be fitted with a suitable top box ①.

When installed next to a wall ④ a distance of at least 40 mm must be maintained on the hinge side between the wall ④ and the appliance ②.

Installation

Appliance dimensions



* Dimensions without wall spacers fitted. Appliance depth is increased by 35 mm with the wall spacers supplied fitted.

	A [mm]	B [mm]	C [mm]	D [mm]
KFN 28032 D ws	1,006	754	1,817	1,806
KFN 28032 D edt/cs	1,006	754	1,817	1,806

Changing the door hinging

The appliance is supplied with right-hand hinging. If left-hand hinging is required, the hinges must be changed.

⚠ Danger of injury and damage when changing the door hinging!
There is an increased danger of injury and damage if the refrigeration appliance is installed by a single person.

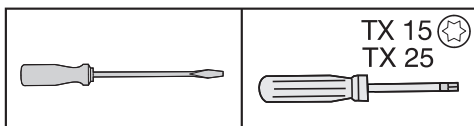
Always change the door hinging with the help of a second person.

If a door seal is damaged or has come out of the groove, the door will not close properly and cooling performance will be reduced. Condensate will build up in the interior and this can cause a build-up of ice.

Do not damage the door seals and ensure that they do not come out of their groove.

Preparing to change the door hinging

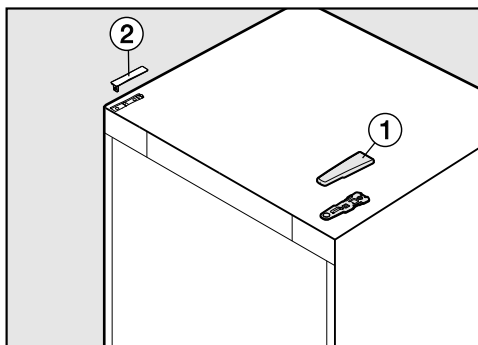
To change the door hinging, you will need the following tools:



- Place a suitable cover on the floor in front of the appliance to protect the appliance doors and your floor from damage.
- Remove the adjustable shelves/bottle shelf from the appliance door.

Removing the top covers

- Close the upper door.



- Remove the cover ① by sliding it forwards from the back and then lifting it off.
- Remove the cover ② by pulling it upwards.

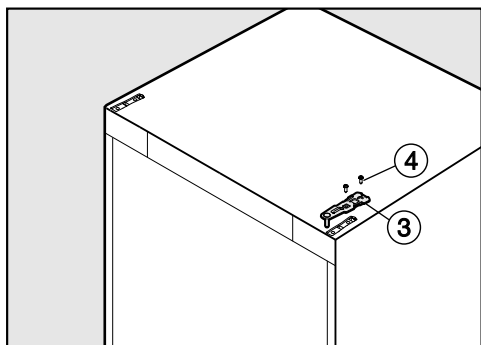
Changing the door hinging

Removing the upper door

⚠ Danger of injury when removing the upper door!

The appliance door is no longer secure once the hinge plate has been removed.

The door must be held by a second person.



- Loosen the screws ④ in the upper hinge plate ③ and pull it upwards and off.

⚠ Danger of injury when removing the upper door!

As soon as the hinge pin is located in the upper door rather than in the middle hinge plate, the lower door is not secured and could fall off.

Ensure that the hinge pin remains located in the middle hinge plate and in the lower door.

- Lift the upper door off and place it carefully to one side.

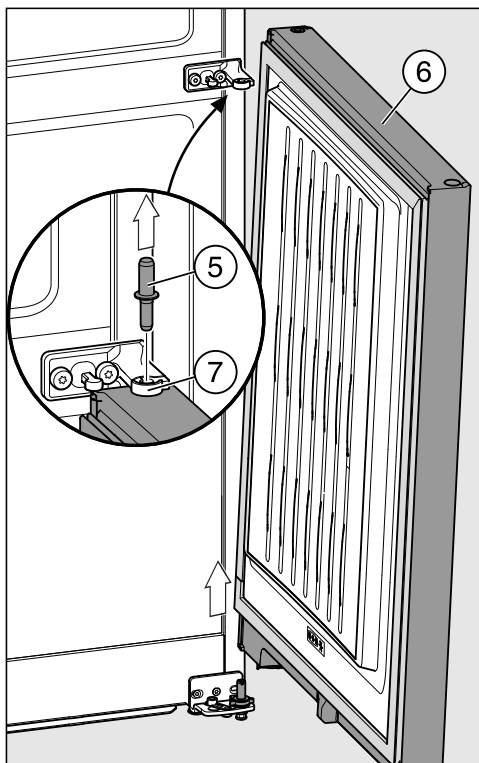
Removing the lower door

⚠ Danger of injury when removing the lower door!

As soon as the hinge pin is removed from the lower door, the door will no longer be secured.

The door must be held by a second person.

- Close the lower door.



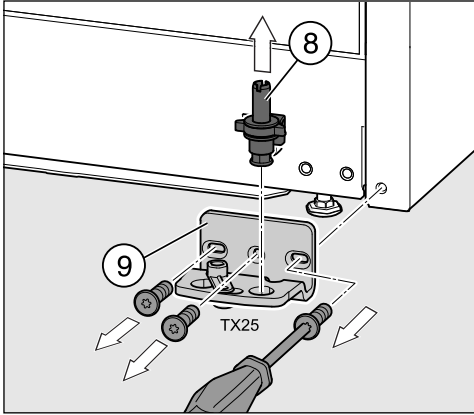
- Remove the hinge pin ⑤ from the bearing bush in the lower door ⑥.

Useful tip: Watch the grey plastic cap ⑦ on the middle hinge plate. It can fall off when the door is removed.

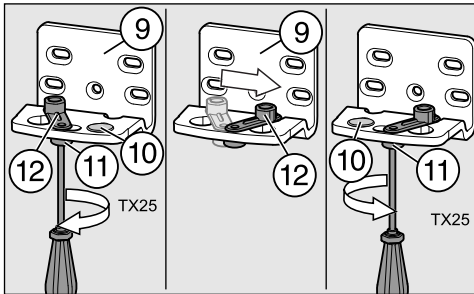
Changing the door hinging

- Lift the lower door ⑥ off and place it carefully to one side.

Changing over the lower hinge plate

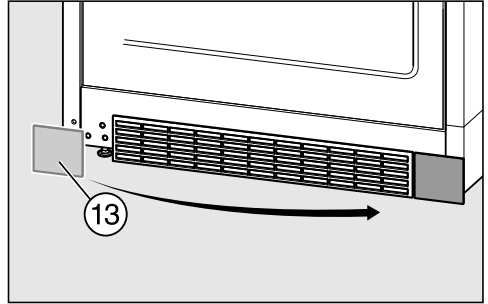


- Pull the hinge pin ⑧ complete with washer and adjusting foot upwards to remove.
- Unscrew the hinge plate ⑨.

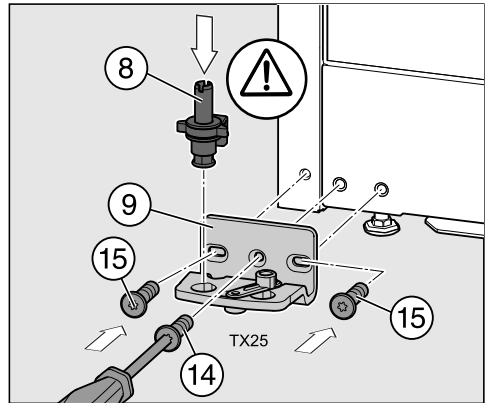


- Remove the stopper ⑩ from the hinge plate.
- Slightly loosen the screw ⑪ of the door closing aid ⑫ on the hinge plate ⑨.
- Turn the door closing aid ⑫ 90° clockwise into the opposite hole in the hinge plate.

- Then tighten the screw ⑪.
- Insert the stopper ⑩ into the other hole.



- Remove the cover ⑬ and refit on the opposite side.

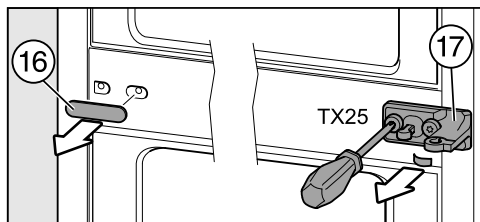


- Screw the hinge plate ⑨ onto the opposite side with the screws ⑮, using only the outer two slots. Do not use the middle screw ⑭. Otherwise you will not be able to align the door later on.
- Reinsert the hinge pin ⑧ complete with washer and adjustable foot.

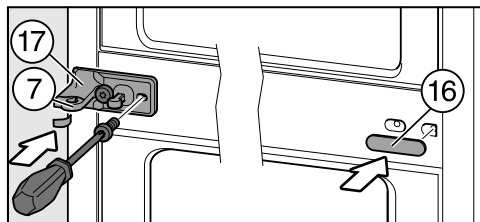
Important: The lug on the hinge pin must point to the back again.

Changing the door hinging

Changing the middle hinge plate over



- Pull the cover ⑯ off.
- Unscrew the hinge plate ⑰ with the protective film underneath.



- Turn the hinge plate ⑰ 180° and screw it into position with the protective film on the opposite side.

The protective film protects the appliance housing from damage.

- Turn the grey plastic cap ⑦ 180° and refit it in the hinge plate ⑰.

Useful tip: The plastic cap ⑦ fits over the protruding bearing bush so that this is covered from underneath and from the side.

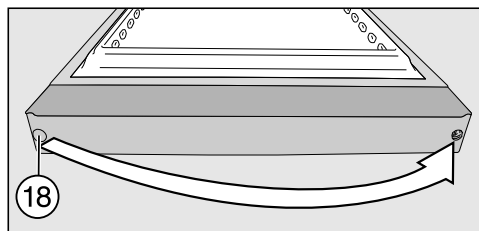
- Turn the cover ⑯ 180° and refit it on the opposite side.

Preparing the doors

Useful tip: Place a suitable cover over a stable surface to protect the appliance door from damage. Place the door on it with the outside facing down.

Carry out the following steps on both doors.

Changing over the bearing bush stopper

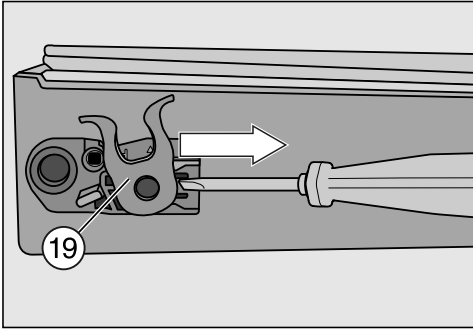


- Pull the stopper out of the door bearing bush ⑱ and replace it on the opposite side.

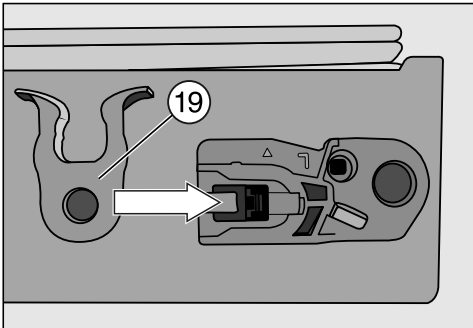
Changing the door hinging

Changing over the spring clip

- Place the spring clip ⑱ (closing hook) on the opposite side:

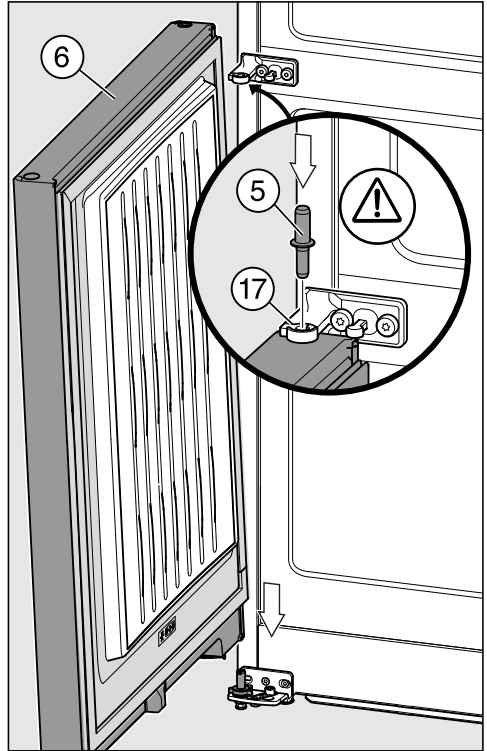


- Press the lug downwards and push the spring clip ⑱ to the side out of the guide.



- Push the spring clip ⑱ into the guide on the opposite side until it clicks into place.

Refitting the lower door

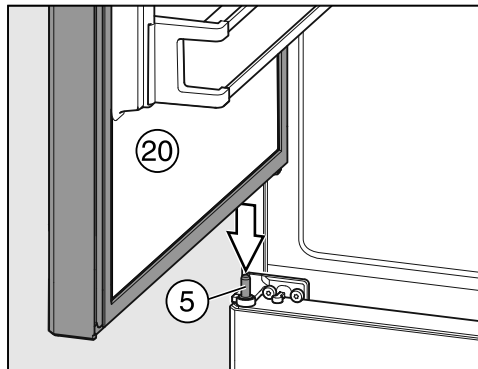


- Place the door ⑥ onto the lower hinge pin from above.
- Close the appliance door ⑥.
- Insert the middle hinge pin ⑤ through the middle hinge plate ⑰ into the bearing bush.

Important: The lug on the hinge pin must point backwards again and must be guided into the groove on the hinge plate.

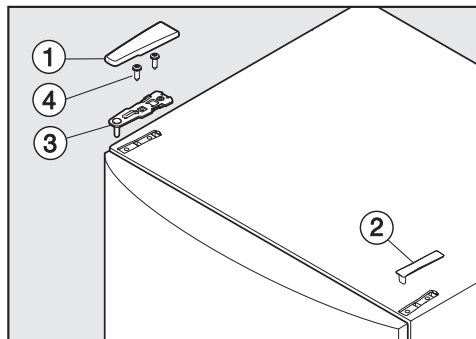
Changing the door hinging

Refitting the upper door



- Place the upper door ②① onto middle hinge pin ⑤.
- Close the upper door.

Inserting the upper hinge plate



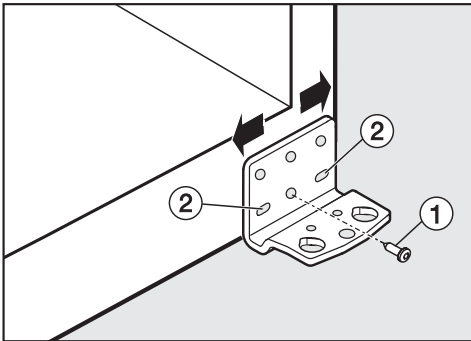
- Fit the hinge plate ③ on the opposite side and secure it in place with the screws ④. If necessary, drill pilot holes for the screws or use a battery operated screwdriver.
- Replace the covers ① and ② on the opposite side.
- Align the door with the appliance housing using the slots in the lower hinge plate. Then tighten the screws.

Aligning the appliance doors

The appliance doors can be aligned with the appliance housing after they have been fitted.

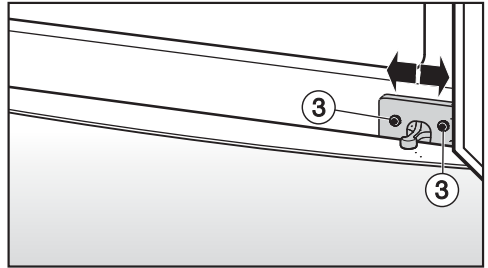
In the following illustration the door is not shown in the closed position to make it easier to see what you have to do.

To align the lower door use the long outer slots in the lower hinge plate:



- Remove the centre screw ① from the hinge plate.
- Slightly loosen both outer screws ②.
- Align the door by sliding the hinge plate to the left or right.
- Then tighten the screws ②. The screw ① does not need to be refitted.

To align the upper door, use the outer slots in the middle hinge plate:



- Slightly loosen both screws ③.
- Align the door by sliding the hinge plate to the left or right.
- Then tighten the screws ③.

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