

Operating and installation instructions
















Fridge freezer



To avoid 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.

Contents

Warning and Safety instructions	5
Caring for the environment	12
How to save energy	13
Guide to the appliance	15
Accessories	17
Accessories supplied	17
Optional accessories	17
Using for the first time	19
Before using for the first time	19
Connecting the appliance	19
Switching on and off	20
Touch display	20
Switching on	20
Start screen	21
Switching off	22
Switching off for longer periods of time	24
The correct temperature	25
... in the refrigerator section	25
... in the freezer section	25
Temperature display	26
Setting the temperature	26
Temperature range	27
Using Super cool, Super freeze and DynaCool	28
Super freeze function ❄	28
Super cool function ❄	28
DynaCool function 🌀	29
Switching a function on or off	29
Displaying a selected function	30
Temperature and door alarm	31
Temperature alarm	31
Door alarm	32
Selecting further settings	33
Settings overview	33

Explanation of the different Settings	35
Switching Party mode  on or off.....	35
Switch Holiday mode on/off.....	36
Using the minute minder  (QuickCool timer)	37
Activating  or deactivating  the safety lock	38
Switching the appliance off 	38
Switching Sabbath mode  on/off	39
Setting the duration before the door alarm  sounds	40
Switching the sensor tone  on / off 	40
Setting the volume / Switching off alarms and audible tones 	40
Setting the display brightness 	41
Setting the temperature unit °C/°F	41
Switching off Demo mode 	41
Resetting to the factory default settings 	41
Accessing Information 	41
Replace charcoal filter  reminder.....	42
Storing food in the refrigerator section.....	43
Different storage zones	43
Food which is not suitable for storage in the refrigerator section	44
When shopping for food.....	44
Storing food correctly.....	44
Adjusting the interior fittings (refrigerator section)	45
Adjusting the door shelf / bottle shelf	45
Moving the shelves.....	45
Adjusting or removing the bottle holder.....	45
Adjusting the bottle rack	46
Moving the charcoal filters	46
Freezing and storing food.....	47
Maximum freezing capacity	47
Freezing fresh food.....	47
Storing frozen food.....	47
Home freezing	48
Before placing food in the freezer section.....	49
Using accessories	51
Adjusting the interior fittings.....	51
Defrosting.....	52
Cleaning and care	53
Cleaning agents.....	53
Preparing the appliance for cleaning.....	54

Contents

Cleaning the interior and accessories	55
Cleaning appliance doors and side panels	56
Cleaning the ventilation gaps	56
Cleaning the compressor and metal grille at the back of the appliance	57
Cleaning the door seals.....	57
After cleaning	58
Replacing the charcoal filters	58
Problem solving guide	60
Noises	69
After Sales / Guarantee.....	70
Information for test institutes.....	71
Electrical connection	72
Installation.....	73
Location.....	73
Climate range	74
Ventilation	74
Fitting wall spacers supplied	74
Installation	75
Building the appliance into a kitchen run	76
Appliance dimensions	77
Changing the door hinging	78
Aligning the appliance doors.....	84

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 intended for use in domestic households and similar working and residential environments. It is not intended for outdoor use.
- ▶ This appliance is intended for domestic use only for cooling and storing food and drink 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

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

Safety with children

► Children under 8 years of age must be kept away from the appliance unless they are constantly supervised.

► Children 8 years and older may only use the appliance unsupervised if they have been shown how to use it in a safe way and recognise and understand the consequences of incorrect operation.

► Children must not be allowed to clean or maintain the appliance unsupervised.

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

► Danger of suffocation. Packaging, e.g. plastic wrappings, must be kept out of the reach of babies and children. Whilst playing, children could become entangled in packaging or pull it over their head and suffocate.

Technical safety

► The coolant system is tested for leaks. This appliance complies with statutory safety requirements and the appropriate EU guidelines.

Warning and Safety instructions

► 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 does not increase the greenhouse effect.

The use of this coolant has, however, led 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 coolant can damage the eyes.

In the event of any damage:

- avoid naked 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
- contact the Miele Service Department.

► The more coolant there is in an appliance, the larger the room it should be installed in. In the event of a leakage, if the appliance is in a small room, there is the danger of combustible gases building up. For every 8 g of coolant at least 1 m³ of room space is required. The amount of coolant in the appliance is stated on the 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.

► 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.

Warning and Safety instructions

- ▶ Reliable and safe operation of this appliance can only be assured if it has been connected to the mains electricity supply.
- ▶ If the electrical connection cable is faulty it must only be replaced by a Miele authorised service technician to protect the user from danger.
- ▶ Do not connect the appliance to the mains electrical supply by a multi-socket adapter or extension lead. These are a fire hazard and do not guarantee the required safety of the appliance.
- ▶ Do not use in a damp or wet environment (e.g. garage or utility room). Moisture could reach live components or the electrical connection and cause a short circuit.
- ▶ This appliance must not be used in a non-stationary location (e.g. on a ship).
- ▶ Do not use a damaged appliance. It could be dangerous. Check the appliance for visible signs of damage.
- ▶ The appliance must be isolated from the electricity supply during installation, maintenance and repair work.
- ▶ Unauthorised installation, maintenance and repairs can cause considerable danger for the user.
Installation, maintenance and repairs must only be carried out by a Miele authorised technician.
- ▶ While the appliance is under guarantee, repairs should only be undertaken by a Miele authorised service technician. Otherwise the guarantee is invalidated.
- ▶ Miele can only guarantee the safety of the appliance when genuine original Miele replacement parts are used. Faulty components must only be replaced by Miele spare parts.

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 so that it cannot maintain the required temperature.
- ▶ Do not cover or block the air vents as this could impair the efficiency of the appliance, increase the electricity consumption and could cause damage to the components.
- ▶ If storing food which contains a lot of fat or oil in the appliance or the door, make sure that it does not come into contact with plastic components as this could cause stress cracks or break the plastic.
- ▶ Do not store explosive materials in the appliance or any products containing propellants (e.g. spray cans). Electrical components could cause flammable vapours to ignite. 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.

Warning and Safety instructions

- ▶ 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.
- ▶ Do not refreeze partially or fully defrosted food. Consume defrosted food as soon as possible, as it will lose its nutritional value and spoil if left for too long. Defrosted food may only be re-frozen after it has been cooked.
- ▶ Observe the manufacturer's "use-by" dates and storage instructions given on food to avoid the 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.
- ▶ Only use genuine original Miele accessories and spare parts with this appliance. Using accessories or spare parts from other manufacturers will invalidate the guarantee, 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 or defrost this appliance.
Steam could reach 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,
 - separate frozen foods or remove ice trays.
- ▶ Do not 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 could contain substances which could damage the plastic parts or which might cause the build-up of gases and pose a danger to health.

Transporting the appliance

- ▶ Always transport the appliance in an upright position and in its original transport packaging to avoid damage in transit.
- ▶ Danger of injury and damage. The appliance is very heavy and must be transported by two people.

Disposal of your old appliance

- ▶ Before disposing of an old appliance, first make the door latch or lock unusable.

This way you will prevent children from 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 coolant 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. In normal operation there is no risk.
--



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

Caring for the environment

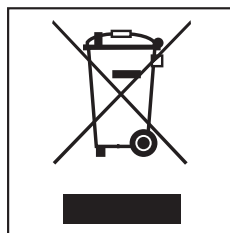
Disposal of the packing material

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

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

Disposal of your old appliance

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



Please dispose of it at your local community waste collection / recycling centre.

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

In this way, coolant in the pipework and oil in the compressor will be contained, and will not leak 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.

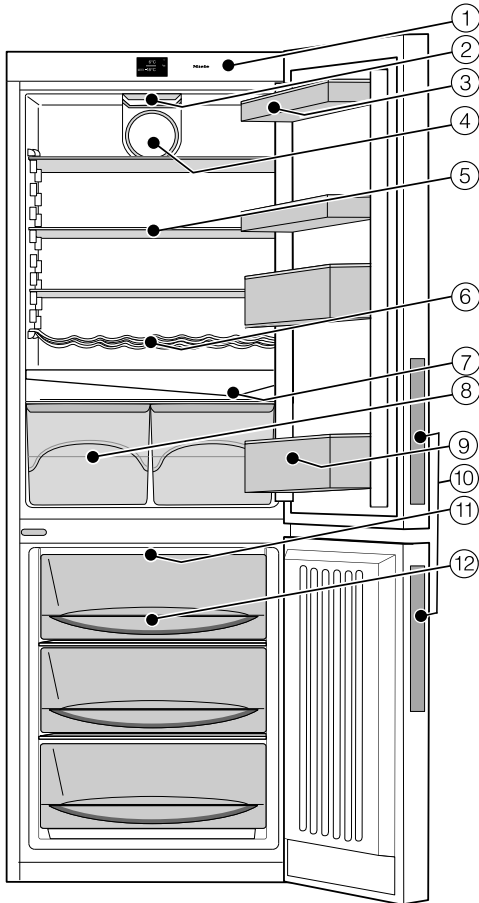
How to save energy

	Normal energy consumption	Increased energy consumption
Installation site / Maintenance	In a ventilated room.	In an enclosed, unventilated room.
	Protected from direct sunlight.	In direct sunlight.
	Not near to a heat source (radiator, oven).	Near to a heat source (radiator, oven).
	Where the ideal ambient room temperature is approx. 20 °C.	Where there is a high ambient room temperature.
	Ventilation gaps uncovered and dusted regularly.	Ventilation gaps covered or dusty.
	Compressor and metal grille (heat exchanger) at the back of the appliance dusted at least once a year.	Dust build-up on the compressor and metal grille (heat exchanger).
Temperature setting	Refrigerator section 4 to 5 °C	The lower the temperature, the higher the energy consumption.
	Freezer section -18 °C	

How to save energy

	Normal energy consumption	Increased energy consumption
Use	Drawers and shelves 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 cool down and the compressor will run for longer periods.
	Take an insulated cool bag when shopping and load food in the appliance as soon as possible. Replace any food removed as quickly as possible, before it begins to thaw. 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 cool down and the compressor will run for longer periods.
	Store food covered or packaged.	The evaporation or condensation of liquids will cause a loss of coldness.
	Place frozen food in the refrigerator to defrost.	
	Do not over-fill the appliance to allow air to circulate.	Poor air circulation will cause a loss of coldness.

Guide to the appliance



- ① Control panel with display
- ② Interior lighting
- ③ Door shelf
- ④ Fan
- ⑤ Adjustable shelf
- ⑥ Bottle rack
- ⑦ Condensate channel and drain hole
- ⑧ Fruit and vegetable drawers
- ⑨ Bottle shelf with bottle holder
- ⑩ Recessed handle
- ⑪ Frost Free module
- ⑫ Freezer drawers







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

This drawing is for illustration purposes only.








Guide to the appliance

Symbols in the display

Operation

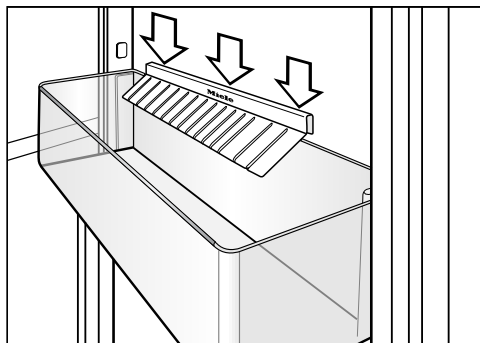
Symbol		Function
	Standby	For switching on the whole appliance; For switching on the refrigerator section separately
	Settings mode	For selecting settings (see "Selecting further settings")
	Minus / Plus	For altering a setting (e.g. temperature)
		For confirming a setting
	Navigation arrow Left / right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

Information

Symbol		Meaning
	Standby	The appliance is connected to the electrical supply but is not switched on. The refrigerator section is switched off separately.
	Freezer section	Identifies the freezer section temperature display.
	Super cool (refrigerator section) / Super freeze (freezer section)	Function can be selected depending on section (see "Using Super cool, Super freeze and DynaCool").
	DynaCool (refrigerator section)	Function can be selected depending on section (see "Using Super cool, Super freeze and DynaCool").
	Temperature alarm	Alarm (see "Problem solving guide - Display warnings").
	Door alarm	Alarm (see "Problem solving guide - Display warnings").
	Power failure	Alarm (see "Problem solving guide - Display warnings").

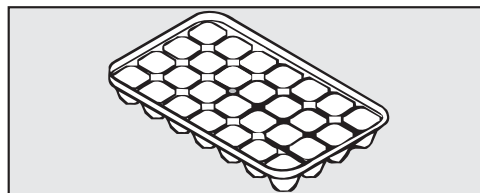
Accessories supplied

Bottle holder



The flexible ribs grip the bottles securely when the door is opened and closed.

Ice cube tray



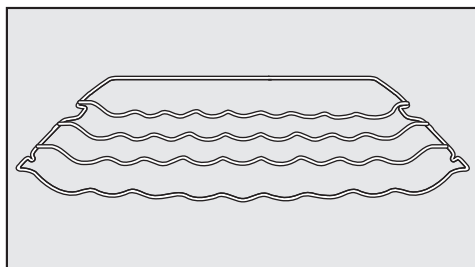
Optional accessories

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

These products and other useful accessories can be ordered via the internet, from Miele (see back cover for contact details) or from your Miele dealer.

Miele-Onlineshop:
shop.miele.de

Bottle rack

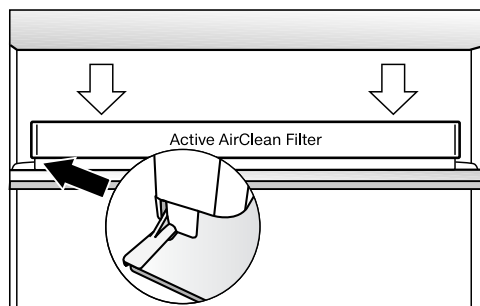


Bottles can be stored horizontally using the bottle rack to save space. The bottle rack can be placed at different positions in the appliance.

Accessories

KKF-FF Active AirClean charcoal filters with holder

Charcoal filters neutralise 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.

Multi-purpose microfibre cloth

The microfibre cloth is suitable for removing fingerprints and light soiling from surfaces such as stainless steel, glass, plastic and chrome without the use of chemicals.

Before using for the first time

Packaging material

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

Protective foil

The side panels, and appliance doors where applicable, have a protective foil.

- Carefully peel the protective foil off.

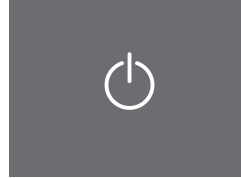
Cleaning

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

⏻ will appear in the display.

Switching on and off

Touch display

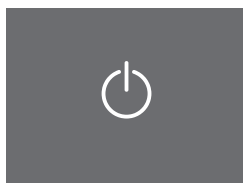
⚠ The display can be scratched by pointed or sharp objects, e.g. pens. Only touch the display with your finger tips.

Touching the display with your finger creates a tiny charge which releases an electrical impulse. This impulse is recognised by the touch display. The touch display does not react if you touch it with an object.

It is possible for the touch display to not react to finger contact if your fingers are cold.

Switching 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 section 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 still 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 will come on and become brighter until the maximum brightness is reached. The appliance is switched on and begins to cool down to the following pre-set temperatures:

- Temperature in the refrigerator section = 5 °C
- Temperature in the freezer section = -18 °C

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 Super cool ❄ function and/or the DynaCool 🌀 function (see "Using Super cool, Super freeze 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 Super freeze ❄ function (see "Using Super cool, Super freeze and DynaCool").

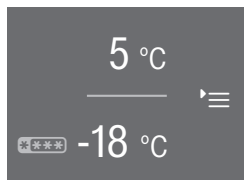
Settings mode '≡' is in the right field.

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

Switching on and off

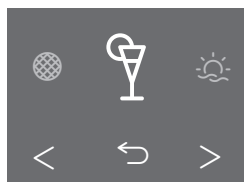
Switching off

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




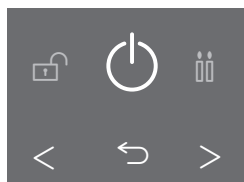
Start screen

- Touch '≡'.




Settings mode

- Use the < or > arrow sensors until  is displayed.




Switching off

- Touch .


The temperature display goes out and  lights up.




The refrigerator section interior lighting will go out and the cooling process will be switched off.

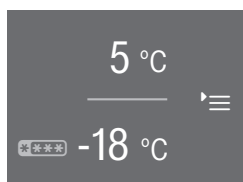
 will go out after approx. 10 minutes. The display goes dark and switches to energy-saving mode.

Switching off the refrigerator section separately

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

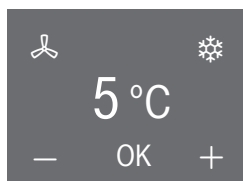
Tip: We recommend using the Holiday mode function if you are away on holiday (see "Selecting further settings - Switching Holiday mode  on/off"), so that the appliance operates at lower power rather than being switched off completely.

If the Party mode , DynaCool  or Super cool  functions have been previously selected, these will be switched off automatically.





Standby

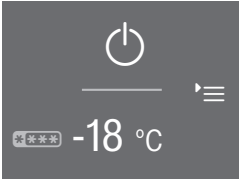
- Touch the temperature display in the field for the refrigerator section.




Refrigerator section display

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

Switching on and off

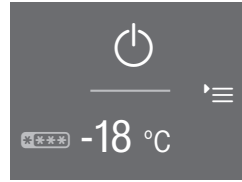


Start screen - refrigerator section switched off


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

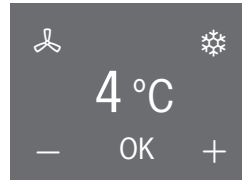
The refrigerator section is switched off. The temperature in the freezer section is still displayed. The interior lighting in the refrigerator goes out.

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.

The refrigerator section is switched on and begins to cool down to the temperature set. When the door is opened the interior lighting comes on.

Switching on and off

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 danger of mould building up 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, e.g. whilst on holiday:

- switch the appliance off,
- disconnect it from the mains,
- clean the appliance and
- leave the door(s) ajar to air the appliance and avoid odours building up inside the appliance.

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

The correct temperature

It is very important to set the correct temperature for storing food in the appliance. Micro-organisms 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 that is stored in it,
- the warmer the food is which is being put into it,
- the higher the ambient temperature surrounding the appliance. The appliance is designed for use within specific ambient temperatures (climate range). Do not use in ambient temperatures for which it is not designed.

. . . in the refrigerator section

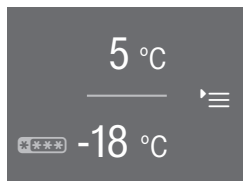
We recommend a temperature of **4 °C** in the refrigerator section.

. . . in the freezer section

To freeze fresh food and to store frozen food for a long time, 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 micro-organisms become active in the food again so that it cannot be kept as long. For this reason, partially defrosted or fully defrosted food must not be re-frozen. Food may be re-frozen once it has been cooked, as the high temperatures achieved when cooking destroy most micro-organisms.

The correct temperature

Temperature display



Start screen

In normal operation the upper temperature display shows the **average, current temperature in the refrigerator section** and the lower temperature display **the lowest temperature in the freezer section**.

Depending on the ambient temperature and the temperature setting, it can take the appliance a few hours to reach the temperature required and for this temperature to then be shown as a constant temperature in the display.



If the temperature in the freezer remains above -18 °C for a long time, check that the frozen food has not started to defrost.

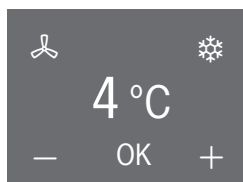
If it has, check that the food is safe to use and if it is, then use it as soon as possible or cook it before freezing it again.

Setting the temperature

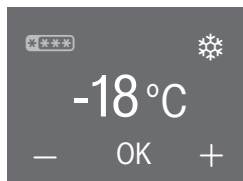
The temperatures for the refrigerator and freezer sections can be set independently of one another.

- 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 + arrow buttons to set the temperature higher or lower.

- Touch **OK** immediately after setting the temperature to confirm your entry.
- Or wait approx. 8 seconds after the sensors were last touched. The temperature will then be adopted automatically.

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

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

Temperature range

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

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, as it will take this long for the appliance to give an accurate reading.

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

Using Super cool, Super freeze and DynaCool

The following functions are available depending on section:

- **Refrigerator section**

Super cool ❄️ and DynaCool 🌬️

- **Freezer section**

Super freeze ❄️

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

Super freeze function ❄️

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

Super freeze is not necessary:

- when placing food in the freezer that is already frozen.
- when freezing up to 2 kg fresh food daily.

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

When freezing the **maximum load of food**, the Super freeze function should be switched on **24 hours beforehand**.

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

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

Tip: To save energy, the Super freeze function can be switched off once a **constant** temperature of -18 °C is reached inside the freezer section. Check the temperature inside the freezer section.

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

Super cool function ❄️

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

Tip: Super cool is particularly recommended for the rapid chilling of large amounts of fresh food or drink.

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

It switches itself off automatically after approx. 12 hours.

Tip: To save energy, Super cool can be switched off once food and drinks are sufficiently chilled.

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

Using Super cool, Super freeze and DynaCool

DynaCool function

When the DynaCool function is not switched on, the natural circulation of air in the appliance will cause different temperature zones in the refrigerator as the cold, heavy air will sink to the lowest section of the appliance. You should bear this in mind when placing food in the appliance (see "Storing food in the refrigerator section").

However, if you are placing a large amount of food in the refrigerator at any one time, (e.g. after the weekly shop) it is a good idea to switch DynaCool on. This way you can distribute the temperature inside the appliance to all areas more evenly so that all the food will be chilled to about the same degree. The temperature is set as normal.

DynaCool should also be selected when:

- the ambient temperature in the room is high (above approx. 30 °C), and
- the room humidity level is high.

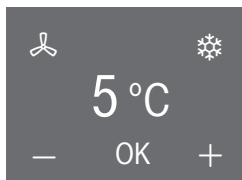
With DynaCool switched on, the fan is ready: when the compressor switches on, the fan also switches on automatically.

Tip: Because DynaCool requires more energy, you should switch it off under normal conditions.

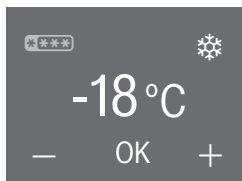
To save energy, the fan switches off automatically whilst the door is open.

Switching a function on or off




- Touch the temperature display for the section you want.



Refrigerator section display - DynaCool, Super cool



Freezer section display - Super freeze

The current temperature and  and  or  appear in the display.

- Touch the symbol for the function you want.
- If the symbol is lit up orange, the function is selected.
- If the symbol is white, the function is deselected.
- Touch OK to confirm your entry.
- Or wait approx. 8 seconds after the sensors were last touched. The entry will then be adopted automatically.

Super cool, Super freeze or DynaCool are switched on or off.

Using Super cool, Super freeze and DynaCool

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

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

Displaying a selected function

- Touch the temperature display for the relevant section.

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

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

Temperature alarm

⚠ If the temperature in the freezer remains above -18°C for a long time, check that the frozen food has not started to defrost.

If it has, check that the food is safe to use and if it is, then 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 temperature display for the freezer section.

An alarm will also 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 in the start screen and not when selecting a setting.

A temperature alarm is displayed before an existing door alarm.

The temperature alarm occurs, e.g.

- when the appliance is switched on and the temperature in the freezer section differs greatly from the set temperature,
- if a lot of room air enters the freezer when food is being loaded, re-arranged or taken out,

- when freezing large amounts of food at once,
- in the event of a power cut,
- if 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

If the alarm disturbs you, you can switch it off early. You can also find out what the warmest temperature was in the freezer section.

■ 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 so far will flash in the temperature display for approx. 1 minute. The temperature display will then change to show the current temperature in the freezer section.

You can exit from the flashing temperature display early:



■ Touch the temperature display for the freezer section.

The flashing warmest temperature display will go out. The display will then revert to showing the current temperature in the freezer section.



Temperature and door alarm

Door alarm

The appliance has a warning system to avoid increased energy consumption if a door is left open, and to protect frozen food from warm air.

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

The period of time before the door alarm sounds depends on the setting selected (default setting = 2 minutes). The door alarm can also be switched off (see "Selecting further settings - Setting the volume / switching off alarms and audible tones").

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

The door alarm is only displayed in the start screen and not during setting.

If an alarm does not sound, even though the door alarm has been triggered, the alarm has been switched off in Settings mode (see "Selecting further settings - Setting the volume / switching off alarms").

Switching the door alarm off early

If the noise disturbs you, you can switch the alarm off if you wish.




















■ Touch  .

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

Selecting further settings

Settings overview

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

Setting		Selection / Factory default setting
	Switch Party mode on/off	On (symbol orange) / Off
	Switch Holiday mode on/off	On (symbol orange) / Off
	Use minute minder (QuickCool Timer)	0:00 - 9:59 h:min
	Activate / deactivate the safety lock	On / Off
	Switch appliance off	OK
	Switch Sabbath mode on/off	On (symbol orange) / Off
	Change the duration before the door alarm sounds	Level 1 - 7 (Level 1 = 30 sec.)  (Level 4 = 2 min.)
	Switch sensor tone on/off	On / Off
	Set volume / switch off alarms and audible tones	Off - Level 7 
	Set display brightness	Level 1 - 7 
	Change the temperature unit	°C / °F
	Demo mode (only visible when switched on)	Off
	Reset default settings	
	Access information about your appliance	Display (important when reporting a fault to Miele Service)
	Replace charcoal filter reminder	On (symbol orange) / Off

Selecting further settings

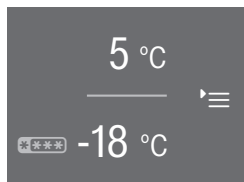
Selecting further settings

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

See the following pages for more information on these settings.

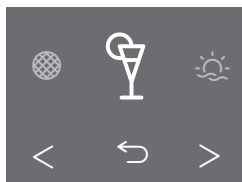
When you are in Settings mode the door alarm or other alarms are automatically suppressed: the alarm symbols will not appear in the display and the alarm will not sound. Exception: in the event of an appliance fault (F +number) Settings mode will close immediately. The fault code will appear in the display and an alarm will sound (see "Problem solving guide - Display warnings").

Selecting the setting you want



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 appear in the background to the right and left, but are not selectable.

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

Depending on the setting selected there are two options:

1. You go into a sub-menu with further options or where values can be entered.
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 entered 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 or off

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

Super cool, DynaCool and Super freeze are switched on automatically:

The refrigerator section as well as the freezer section cool down very rapidly to their lowest temperature (depending on the ambient room temperature).

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

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

Party mode will switch off automatically after approx. 20 hours. You can switch it off earlier at any time.


If previously switched on, Party mode will switch off if there is an interruption to the power supply.

Selecting further settings

Switch Holiday mode on/off

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

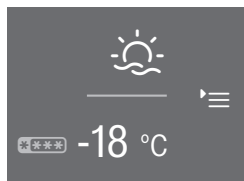
The freezer section remains switched on at -18°C . The refrigerator section is regulated at a temperature of 15°C , remaining in operation whilst also saving energy.

 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 appliance for some time at this moderate refrigerator section temperature and the 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, it is displayed in 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, Super cool or DynaCool are switched on, these will be switched off when Holiday mode is selected.

Using the minute minder ⌚ (Quick-Cool timer)

The minute minder can be used to monitor separate processes, e.g. chilling dough. The audible tone will sound at the set time.

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

Setting the minute minder

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

The set hours will be adopted. You can now set the minutes.

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

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

If the minute minder duration is displayed or altered, the minute minder duration counting down is halted.

In the case of an interruption to the power supply or when power is restored, any previously set minute minder duration is deleted.

– When the minute minder duration has elapsed

An audible tone can be heard and ⌚ will flash.

- Touch the display.

The start screen appears.

– Altering a minute minder entry

- Open the appliance door.

⌚ and the minute minder duration counting down appear for approx. 3 seconds in the display.

- During this time touch the minute minder duration counting down in the display.
- Touch ↻ to alter the minute minder duration set. Proceed exactly as for setting the minute minder duration (see "Setting the minute minder").

– Cancelling a minute minder duration

- Open the appliance door.

⌚ and the minute minder duration counting down appear for approx. 3 seconds in the display.

- During this time touch the minute minder duration counting down in the display.
- Touch 🗑 to cancel a minute minder duration

The start screen appears in the display.

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 prevent:

- the appliance being switched off by mistake,
- the temperature being changed by mistake,
- the DynaCool, Super cool and Super freeze functions being selected by mistake,
- settings being adjusted by mistake (it is only possible to deactivate the lock).

This prevents the appliance being switched off or settings adjusted without your knowledge, by children, for example.

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 again the safety lock is switched back on.

– Deactivating the safety lock

- Touch the display.

 appears.

- Touch  for approx. 6 seconds.


The start screen will appear.

- Touch .

- Select .


 lights up orange.

- Touch .


 appears in the display. The safety lock is deactivated.

Switching the appliance off

The whole appliance can be switched off with this function.

The temperature display goes out and  lights up.

The refrigerator section interior lighting will go out and the cooling process will be switched off.


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

Switching Sabbath mode on/off

The appliance offers a Sabbath programme for the purposes of religious observance.

The following are switched off:

- the interior lighting when the door is opened,
- all audible and visual signals,
- the temperature display,
- the DynaCool, Super cool, Super freeze, Party mode or Holiday mode functions (if previously selected),
- the minute minder (if previously switched on).

Furthermore you cannot select any settings in Settings mode .

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


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

Any interruption to the power supply during this time is not shown in the display. After an interruption to the power supply, the appliance will re-start in Sabbath mode, if it was previously switched on.

– Switching on Sabbath mode


- 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 off Sabbath mode early


- Touch the display.

 will appear.

- Touch .


 lights up orange.


- Touch .

 lights up white. The function is switched off.

Selecting further settings



Setting the duration before the door alarm sounds

The appliance has a door alarm. If a door is open for a longer period of time an alarm will sound (if this has not been switched off; see "Setting the volume / Switching off alarms and audible tones") and  will light up in the display (see "Temperature and door alarm - Door alarm").

You can set the duration before the door alarm  sounds with the segment bar:


The duration can be set in 30 second increments, starting with 30 seconds (Level 1 = 1 filled-in segment) to a maximum of 3 minutes 30 seconds (Level 7 = 7 filled-in segments).

Switching the sensor tone on / off

Every time a selectable field is touched a sensor tone sounds. You can switch this on  or off .

Setting the volume / Switching off alarms and audible tones

You can set the volume of the alarm 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 alarm and audible tones are switched off.  will appear.

You will hear the volume change as it is adjusted.

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

Selecting further settings

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 off Demo mode

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

If Demo mode has been switched on as a default setting,  will show in the display. The function can be switched off here.

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

Resetting to the factory default settings

All appliance 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.

Tip: This data is important when reporting an appliance fault to Miele Service.

Confirm with OK to leave the information screen.

– Displaying licence agreements


Licences used can be displayed via .

Selecting further settings

Replace charcoal filter reminder

This appliance is not supplied with charcoal filters with a KKF-FF (Active AirClean) holder. These are available as optional accessories (see "Accessories - Optional accessories").

If the Replace charcoal filter reminder is activated, you will be reminded to replace the filters after approx. 6 months (see "Cleaning and Care - Replacing the charcoal filters").

 will then appear in the start screen in the refrigerator section temperature display and an audible 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.

Storing food in the refrigerator section



Danger of explosion.

Do not store explosive materials in the appliance or any products containing propellants (e.g. spray cans).



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.

Different storage zones

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

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

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

Do not cover the fan in the rear wall of the refrigerator, as this is essential for keeping the appliance cool.

Food must not touch the back of the refrigerator section as it may freeze to the back wall.

This appliance has Dynamic cooling, which helps to keep an even temperature when the fan is running, making the difference between the various zones less pronounced.

Warmest area

The warmest area in the refrigerator section is at the top in the front area and in the door. Use this for storing butter and cheese.

Coldest area

The coldest area is directly above the fruit and vegetable drawer(s) and at the back of the appliance.

Use this for 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 and other fresh food with a label stating it should be kept at a temperature of approx. 4 °C.

Storing food in the refrigerator section

Food which is not suitable for storage in the refrigerator section

Not all food is suitable for refrigeration at temperatures below 5°C as some food is sensitive to cold. The appearance, consistency, taste and / or the vitamin content of certain types of food can be adversely affected by being stored in too cold a place.

Food which does not tolerate cold temperatures includes:

- Pineapples, avocados, bananas, pomegranates, mangoes, melons, papayas, passion fruit, citrus fruits (such as lemons, oranges, mandarins, grapefruit),
- Fruit which is not yet ripe
- Aubergines/eggplant, cucumbers, potatoes, peppers/capsicum, tomatoes, courgettes/zucchini,
- Some hard cheeses, e.g. Parmesan.

When shopping for food

The freshness of food when first placed in the appliance is the most important factor in determining how long it stays fresh, and how long it can be kept in the appliance.

Always observe the use-by date and the recommended storage temperature. Time out of the refrigerator should be kept to a minimum, for example, when transporting food in a hot car.

Tip: Take a cool bag with you when shopping and on return place food into the appliance immediately.

Storing food correctly

Food should generally be stored **covered or packaged** in the refrigerator section. This will prevent food smells from affecting other food, food from drying out, and also any cross-contamination of bacteria. This is especially important for storing protein-based food such as meat or fish. The growth of bacteria, such as salmonella, can be avoided by setting the correct temperature and maintaining good standards of hygiene.

Fruit and vegetables

Fruit and vegetables can be stored loose in the fruit and vegetable drawer(s).

Protein rich food

Please note that food rich in protein deteriorates faster than other types of food. Shellfish, for example, deteriorates faster than fish, and fish deteriorates faster than meat.

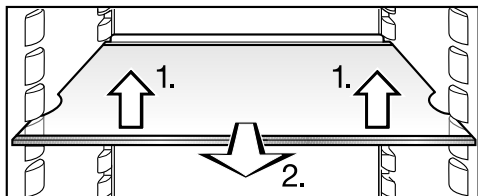
Adjusting the interior fittings (refrigerator section)

Adjusting the door shelf / bottle shelf

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

Moving the shelves

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

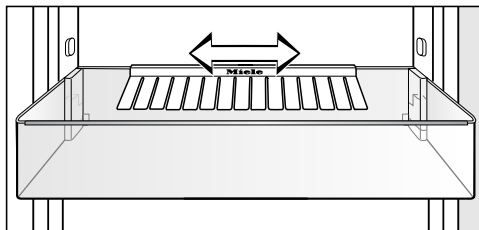


- Raise the shelf, and pull it forwards slightly until the notch at the side is in line with the shelf support. It can then be raised or lowered to the required level.

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

Stoppers prevent the shelves from being dislodged by mistake.

Adjusting or removing the bottle holder



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

The bottle holder can be removed completely (e.g. for cleaning):

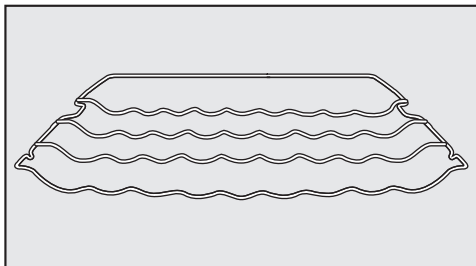
- Pull the bottle holder upwards to remove it from the rear edge of the bottle shelf.

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 "Accessories - optional accessories").



The bottle rack can be placed at different positions in the appliance.

- Raise the bottle rack slightly at the front, and pull it forwards a little 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 rear rail must face upwards to prevent bottles from touching the back of the appliance.

Stoppers prevent the bottle rack from being dislodged by mistake.

Moving the charcoal filters

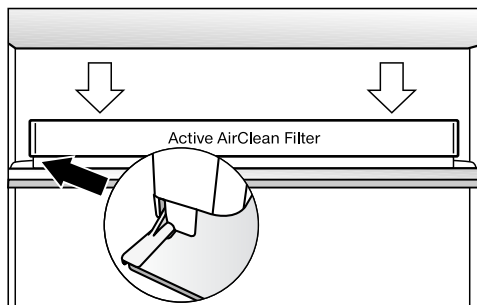
Charcoal filters and a KKF-FF (Active AirClean) holder are available as optional accessories (see "Accessories - optional accessories").

With 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 earlier 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.

Maximum freezing capacity

To ensure that fresh food placed in the freezer freezes through to the core as quickly as possible, the maximum freezing capacity must not be exceeded. The maximum freezing capacity for freezing within a 24-hour period is given on the data plate: "Freezing capacitykg/24 hrs".

The maximum freezing capacity given on the data plate has been calculated according to DIN EN ISO 15502 Standard.

Freezing fresh food

Fresh food should be frozen as quickly as possible. This way the nutritional value of the food, its vitamin content, appearance and taste are not impaired.

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; the rest collects around the food.

If food is frozen quickly, the cells have less time to lose moisture, so they shrink less. As there is not so much moisture loss, it is easier for the food to reabsorb it during the defrosting process, and very little water collects around the defrosted food.

Storing frozen food

When buying frozen food to store in your freezer, check

- that the packaging is not damaged,
- the use-by date,
- the temperature at which the frozen food is being stored in the shop. The length of time it 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 cool bag or cool box to transport it.
- Store it in the freezer section as soon as possible.

Never re-freeze partially or fully defrosted food. Consume defrosted food as soon as possible as it will lose its nutritional value and spoil if left for too long. Defrosted food may only be re-frozen after it has been cooked.

Freezing and storing food

Home freezing

Only freeze fresh food which is in a good condition.

Hints on home freezing

- The following types of food **are suitable** for freezing:
Fresh meat, poultry, game, fish, vegetables, herbs, fresh fruit, dairy products, cakes, 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, aroma and vitamin C, vegetables should be blanched after they have been trimmed and washed. To blanch: bring a large saucepan of water to the boil, immerse the vegetables in the fast boiling water for 2 - 3 minutes, depending on variety. 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.
- To prevent chops, steaks, cutlets or rolled meat from freezing together in solid blocks when packed, separate with a sheet of plastic freezer film.
- Do not season fresh foods or blanched vegetables before freezing. Only season cooked food lightly be-

fore freezing, but care should be taken as the taste of some spices alters when frozen.

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

Packaging

- Freeze food in portions.

Suitable packing material

- plastic freezer film
- freezer bags
- aluminium foil
- freezer containers

Unsuitable packing material

- wrapping paper
- grease-proof paper
- cellophane
- bin bags
- plastic carrier bags

- Expel as much air as possible from the packaging.

- Close the packaging tightly with

- rubber bands
- plastic clips
- string or bag ties
- freezer tape.

Tip: Freezer bags may also be sealed using home heat sealing kits.

Freezing and storing food


- Make a note of the contents and the date of freezing on the packaging.

Before placing food in the freezer section

- When freezing more than 2 kg of fresh food, switch on the Super freeze function for some time before placing the food in the freezer (see "Using Super cool and Super freeze - Super freeze function").

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

Placing food in the freezer section

 The following maximum loading weights must not be exceeded:

- freezer drawer = 25 kg
- glass cold 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

Place the food 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 (see data plate)

Ensure ventilation slots at the back of the freezer section are always free from obstruction.

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

Place food on the glass plate in such a way that the ventilation slots are not blocked.

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

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

Once frozen:

- 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 is very variable, even at a constant temperature of -18 °C. Decomposition processes also take place in frozen food, albeit at a very reduced speed. For example fat can become rancid from contact with oxygen in the air. This is why lean meat can be stored approx. twice as long as fatty meat.

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

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 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 thawed fish can be placed directly into a hot frying pan.

Meat and poultry It is particularly important to observe food hygiene rules when defrosting poultry. Do not use the liquid from defrosted poultry. Pour it away and wash the container it was in, the sink and your hands. Danger of salmonella poisoning. Ensure that meat and fish (e.g. mince, chicken, fish fillets) do not come into contact with other foods while defrosting. Catch the liquid and dispose of it carefully.



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.


Never re-freeze partially or fully defrosted food. Consume defrosted food as soon as possible as it will lose its nutritional value and spoil if left for too long. Defrosted food may only be re-frozen after it has been cooked.

Cooling drinks quickly

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

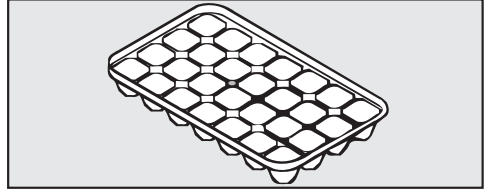
If you want to cool a large amount of drinks, or if you want to cool drinks in the freezer section, select the Party mode  function in Settings mode .

When cooling drinks quickly in the freezer, make sure bottles are **not left in for more than one hour**; otherwise they could burst.

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

Using accessories

Ice cubes



- Fill the ice cube tray three quarters full of 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.

Tip: Ice cubes can be removed easily from the tray by twisting the tray gently or by holding it under cold running water for a short time.

Adjusting the interior fittings

Removing the drawers and glass plates from the freezer section

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

You can also use the space in the freezer section more flexibly. If you wish to freeze large items such as a turkey or game, the glass cold plates between the drawers can be removed.

- Pull out the drawers as far as they will go, and then lift them up and out.
- Lift the glass plate slightly, pull it forwards and out.

Defrosting

Refrigerator section

The refrigerator section defrosts automatically.

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

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




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


Freezer section

The appliance is equipped with a "Frost free" system. The freezer defrosts automatically.

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

This automatic defrosting system enables the freezer to remain permanently ice-free, however, the food stored in the freezer will not defrost.

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

 Steam from a steam cleaning appliance could reach the electrical components and cause a short circuit.

Do not use a steam cleaning appliance 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 service call.

Cleaning agents

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

To avoid damaging all 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
- melamine eraser blocks
- sharp metal scrapers

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

The following pages contain important information on cleaning.

Cleaning and care

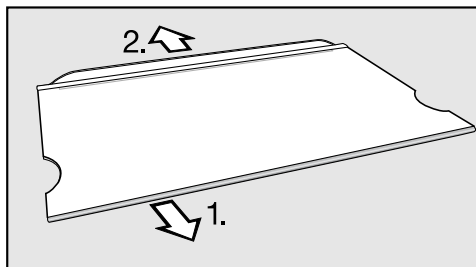
Preparing the appliance for cleaning

- Switch the appliance off.
⏻ appears in the display and cooling is switched off.
- Disconnect it from the mains.
- Take any food out of the appliance and store it in a cool place.
- Remove the shelves and bottle shelf from the door.
- Take out the freezer drawers and glass plates.
- Take out all other removable parts for cleaning.

Dismantling an adjustable shelf

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

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




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

Cleaning the interior and accessories

Clean the appliance at least once a month.

Remove soiling immediately to prevent it from drying on.

- 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.

 The plastic trim on the bottle and door shelves and on the adjustable shelves is not suitable for cleaning in a dishwasher.


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

The following parts **cannot be cleaned in a dishwasher**:

- the plastic trim
 - all drawers and the compartment lid (depending on model)
 - the bottle rack
- These accessories should all be hand washed.

Cleaning and care

The following parts **are suitable** for cleaning in a dishwasher:

 The maximum temperature of the dishwashing programme selected must not exceed 55 °C.

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

- the bottle holder, ice cube tray (depending on model)
- the shelves and bottle shelf in the door (with plastic trim removed)
- the adjustable shelves (with the trim/strips removed and without the printing)
- Clean the condensate channel and drain hole frequently so that condensate can drain away unhindered. Use a straw or similar to clear the drain if necessary.
- Leave the doors open to air the appliance for a short while and to prevent odours building up.

Cleaning appliance doors and 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 appliance doors and side panels immediately.

All surfaces are susceptible to scratching. Contact with unsuitable cleaning agents can alter or discolour the surfaces.

See "Cleaning agents" at the beginning of this section.


- The surfaces should be cleaned using a solution of hot water and a little washing-up liquid applied with a soft sponge. They can also be cleaned with a damp microfibre cloth (without using any cleaning agent).
- After cleaning, wipe with clean water and dry with a soft cloth.

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 (e.g. use the dusting brush for Miele vacuum cleaners)

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

 When cleaning the compressor and the grille, make sure that the pipework and other components do not get broken or damaged in any way.

The compressor and metal grille at the back of the appliance (heat exchanger) should be dusted at least once a year. A build-up of dust will increase the energy consumption of the appliance.

Cleaning the door seals

 If a door seal is damaged or if it 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 door seals and ensure that they do not come out of their groove.

Do not use any grease or oil on door seals as these will cause them to deteriorate and become porous over time.

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

Cleaning and care

After cleaning

- Replace all shelves and accessories in the appliance.
- Reconnect to the mains and switch the appliance back on.
- Switch on the Super freeze function for a while so that the freezer section can cool down quickly.
- Switch on the Super cool function for a while so that the refrigerator section can cool down quickly.
- Place food in the refrigerator section and close the door.
- Place the freezer drawers with the frozen food back in the freezer section and close the door.
- When the temperature in the freezer section is a constant -18 °C or colder press the Super freeze button to switch the Super freeze function off.

Replacing the charcoal filters

Charcoal filters with a KKF-FF (Active AirClean) holder are available as optional accessories (see "Accessories - Optional accessories").

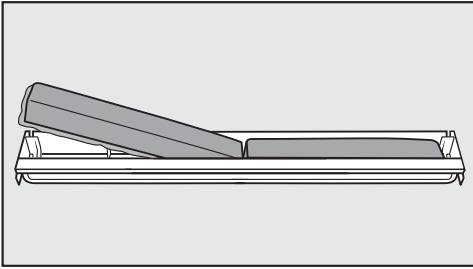
Replace the charcoal filters in the holder every 6 months.

If you would like to be reminded automatically every 6 months, switch on the Replace charcoal filter reminder (see "Selecting further settings - Replace charcoal filter reminder").

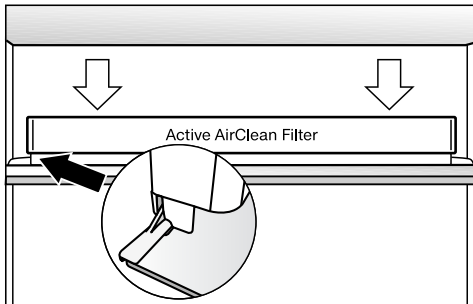
Replacement KKF-RF charcoal filters can be obtained from your Miele dealer, Miele or via the internet at www.miele-shop.com.


- 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 Replace charcoal filter reminder will go out in the display and the counter will be reset.

Problem solving guide

Some minor problems can be corrected without contacting Miele.

If, having followed the suggestions below, you still cannot resolve the problem, please contact Miele.

To prevent unnecessary loss of temperature it is advisable not to open the doors while waiting for the appliance to be serviced.



Unauthorised installation, maintenance and repairs can cause considerable danger for the user.

Installation, maintenance and repairs must only be carried out by a Miele authorised technician.

Problem	Cause and remedy
The appliance is not getting cold and the interior lighting does not come on when the door is opened.	The appliance has not been switched on. ■ Switch the appliance on.
	The plug is not inserted in the socket correctly. ■ Insert the plug into the socket correctly and switch on.
	Check whether the mains fuse 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.	This is not a fault. To save energy, the compressor runs at a lower speed, but for longer, when less cooling is required.
The compressor is switching on more frequently and for longer periods of time, so the temperature in the appliance is dropping.	The ventilation gaps have been covered or become too dusty. ■ Do not block the ventilation gaps. ■ Dust the ventilation gaps regularly.
	The doors have been opened too frequently, or a large amount of fresh food has been placed inside and/or frozen at the same time. ■ Only open the doors when necessary and for as short a time as possible. The required temperature will re-establish itself after a while.

Problem solving guide

Problem	Cause and remedy
The compressor is switching on more frequently and for longer periods of time, so the temperature in the appliance is dropping.	<p>The doors are not properly closed. A thick layer of ice may have formed in the freezer.</p> <ul style="list-style-type: none"> ■ Close the appliance doors. <p>The required temperature will re-establish itself after a while.</p> <p>If a thick layer of ice has formed, it will reduce efficiency and increase the energy consumption.</p> <ul style="list-style-type: none"> ■ Defrost the appliance and clean it.
	<p>The ambient temperature is too high. The higher the room temperature, the longer the compressor will run for.</p> <ul style="list-style-type: none"> ■ See "Installation - Location".
	<p>The temperature setting is too low.</p> <ul style="list-style-type: none"> ■ Adjust the temperature.
	<p>A large amount of food is being frozen at once.</p> <ul style="list-style-type: none"> ■ See "Freezing and storing food".
	<p>The Super cool function is still switched on.</p> <ul style="list-style-type: none"> ■ You can switch off the Super cool function earlier to save energy.
	<p>The Super freeze function is still switched on.</p> <ul style="list-style-type: none"> ■ You can switch off the Super freeze function earlier to save energy.
The compressor comes on less and less often and for shorter periods of time. The temperature in the appliance rises.	<p>This is not a fault. The set temperature is too high.</p> <ul style="list-style-type: none"> ■ Adjust the temperature. ■ Check the temperature again after 24 hours.
	<p>The food begins to defrost.</p> <p>The room temperature is lower than the ambient temperature for which the appliance is designed.</p> <p>Operating in a room which is too cold will cause the compressor to switch off for too long, causing the freezer to become too warm.</p> <ul style="list-style-type: none"> ■ See "Installation - Location". ■ Increase the temperature of the room.
The door seal is damaged and needs to be replaced.	<p>No tools are required to change the door seal.</p> <ul style="list-style-type: none"> ■ Change the door seal. These are available from Miele.




Problem solving guide




Problem	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 whether the door seal is damaged.

Display warnings






Message	Cause and remedy
■ lights up in the display, the appliance does not get cold, although the controls and the interior lighting are working.	<p>Demo mode is activated.</p> <ul style="list-style-type: none"> ■ Switch off Demo mode (see "Selecting further settings - Switching off Demo mode").
The display is completely dark.	<p>Energy saving mode is switched on. If the appliance has not been operated for a while (approx. 10 minutes) the display is switched off.</p> <ul style="list-style-type: none"> ■ Touch the display. <p>The last display will appear.</p> <p>Sabbath mode is switched on: the interior lighting is switched off and the appliance is cooling down.</p> <ul style="list-style-type: none"> ■ Touch the display. <p>⏏ will then light up white in the display (see "Selecting further settings - Switching Sabbath mode on/off").</p>
🔒 is lit up in the display and the appliance cannot be used.	<p>The safety lock has been activated.</p> <ul style="list-style-type: none"> ■ Deactivate the safety lock temporarily or switch it off completely (see "Selecting settings - Activating or deactivating the safety lock").
⊗ lights up in the refrigerator section temperature display and an audible tone sounds.	<p>The Replace charcoal filter reminder setting has been activated. This is the reminder to change the Active AirClean charcoal filters.</p> <ul style="list-style-type: none"> ■ 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").
🚪⚠ is lit up yellow in the temperature display for the refrigerator section and/or the freezer section and an alarm is also sounding.	<p>The door alarm has been activated (also see "Temperature and door alarm").</p> <ul style="list-style-type: none"> ■ Touch 🚪⚠ in the display. <p>The alarm message is confirmed and the alarm stops. The current temperature will appear in the temperature display again.</p> <ul style="list-style-type: none"> ■ Close the relevant appliance door. <p>The alarm will stop.</p>

Problem solving guide



Message	Cause and remedy
<p> lights up red in the freezer section temperature display and an alarm also 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>This could be due to:</p> <ul style="list-style-type: none"> – the freezer door being opened too often, or being left open. – a large quantity of fresh food being placed in the freezer at once without switching on the Super freeze function. – an interruption to the power supply. – a fault with the appliance. <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 for about 1 minute in the display. Then the temperature display will change to the current temperature in the freezer section.</p> <p>You can exit from the flashing temperature display early:</p> <p>■ Touch the temperature display for the freezer section.</p> <p>The warmest temperature display will go out. The display will then revert to showing the current temperature in the freezer section.</p> <p>■ Rectify the cause of the alarm.</p> <p>■ Depending on the temperature displayed, you should check the condition of food in the freezer. If it has defrosted or started to defrost, check that it is still safe to use and, if so, use it as soon as possible. Defrosted food may only be re-frozen after it has been cooked.</p>

Message	Cause and remedy
<p> lights up red in the display and an alarm also sounds.</p>	<p>Indication of an interruption to the power supply: the temperature in the appliance over the last few days or hours has risen too high because of a power cut or 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 for about 1 minute in the display. Then the temperature display will change to the current temperature in the freezer section.</p> <p>You can exit from 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 go out. The display will then revert to showing the current temperature in the freezer section. The appliance will then work at the lower temperature setting.</p> <ul style="list-style-type: none"> ■ Rectify the cause of the alarm. ■ Depending on the temperature displayed, you should check the condition of food in the freezer. If it has defrosted or started to defrost, check that it is still safe to use and, if so, use it as soon as possible. Defrosted food may only be re-frozen after it has been cooked.

Problem solving guide

Message	Cause and remedy
 lights up red in the display, a fault code F with numbers appears and an alarm also sounds.	<p>There is a fault.</p> <ul style="list-style-type: none">■ To switch the alarm off touch  in the display.■ Contact 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  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 always has priority over any settings which have just been selected.</p> <p>An appliance fault has priority over any current door and/or temperature alarms displayed.</p>

The interior lighting is not working.

Problem	Cause and remedy
The interior lighting is not working.	The appliance has not been switched on. ■ Switch the appliance on.
	Sabbath mode is switched on: the display is dark and the appliance is cooling. ■ Touch the display.
	☺ will then light up white in the display (see "Selecting further settings - Switching Sabbath mode on/off").
	To avoid overheating, the lighting switches itself off automatically after approx. 15 minutes if the door is left open. If this is not the case, then there is a fault.
	<div>  Danger of electric shock. There are live electrical components under the lighting cover. The LED lighting may only be repaired or replaced by a Miele authorised service technician. </div> <div>  Danger of injury from LED lighting. Light intensity corresponds to laser beam class 1/1M. The lighting covers must not be removed or damaged, or be removed due to damage. This could cause injury to your eyes. Do not look into the LED lighting (laser beam class 1M) with optical instruments (e.g. magnifying glass or similar). </div> <div>■ Contact Miele.</div>

Problem solving guide

Other problems

Problem	Cause and remedy
The door to the freezer section 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 placed 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 warmth created by the evaporator is used to prevent condensation.
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 off alarms and audible tones 🔔").

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 ...	On multi-zone or frost-free appliances you can sometimes just 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 that you can easily rectify	Cause and remedy
Rattling, vibrating	The appliance is uneven. Realign the appliance using a spirit level, by raising or lowering the screw feet underneath the appliance.
	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.

After Sales / Guarantee

After sales service

In the event of any faults which you cannot easily remedy, please contact

- your Miele Dealer, or
- the Miele Service Department.

See end of this booklet for contact details.

When contacting your Dealer or Miele, please quote the model and serial number of your appliance.

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

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

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 ©.

Guarantee: U.K.

In the U.K. the appliance is guaranteed for 2 years from the date of purchase. However, you must activate your cover by calling 0330 160 6640 or registering online at www.miele.co.uk.

Guarantee: Other countries

For information on the appliance guarantee specific to your country please contact Miele.

See end of this booklet for contact details.

All tests must be carried out according to **relevant standards and directives**.

In addition, the following information provided by the manufacturer must be observed:

- **Loading instructions,**
- Information contained in the **Operating and installation instructions**.

Electrical connection

The appliance is supplied with a power cable and moulded plug ready for connection to an AC 230 V 50 Hz supply.

The fuse rating must be at least 10 A (13 A in the UK).

This appliance must be connected to a suitable switched socket which is easily accessible. The electrical connection must comply with current local and national safety regulations (BS 7671 in the UK).

The accessibility of the plug must always be ensured in order to be able to quickly separate the appliance from the mains.

If the mains socket is not accessible after the appliance has been built in, a separator for each terminal must be present. There must be an all-pole contact gap of at least 3 mm in the switch (including switch, fuses and relays according to EN 60335).


The 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, in turn, could result in a short circuit.

Do not plug in other appliances behind this appliance.


Do not connect the appliance to the mains electricity supply by 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 an inverter such as those used with an autonomous energy source e.g. **solar power**. When switched on, peak loads in the system can cause the safety switch-off mechanism to be triggered. This can damage the electronic unit. 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 suitably qualified person.

 Do not place any appliance which gives off heat, such as a toaster, mini-oven or double burner hob, on top of this appliance. There is the danger of these catching fire.

This appliance must not be installed directly next to another refrigerator or freezer. It does not have side-wall heating, so installation next to another refrigerator or freezer could cause a build-up of condensation between them. Further information is available from your dealer

 **In environments with high humidity** condensation can build up on the external appliance panels.

This can lead to corrosion of the panels.

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

Please ensure that the appliance doors close properly, the ventilation gaps are not covered over and the appliance is installed in accordance with these instructions.

Location

This appliance should not be installed where it is exposed to direct sunlight or directly adjacent to a heat-producing appliance such as an oven or a radiator. The room temperature should not go above or below the climate range for which the appliance is designed. The higher the ambient temperature of the room, the more energy the appliance requires to operate. The appliance should be installed in a dry, well ventilated room.

When installing the appliance, please be aware:

- The socket must be easily accessible in an emergency, not concealed behind the appliance.
- The plug and cable must not touch the rear of the appliance as they could be damaged by vibrations from the appliance.
- Do not plug in other appliances behind this appliance.

Installation

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 cause the compressor to switch off for too long, causing the internal temperature in the appliance to rise with the risk of food deteriorating and going off.

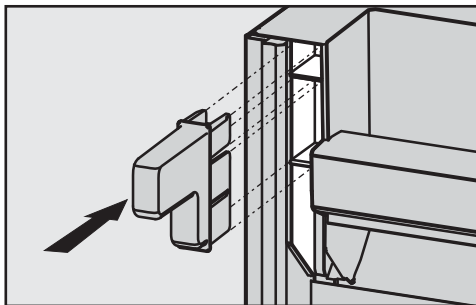
Ventilation

Air at the back of the appliance gets warm.

⚠ To ensure efficient ventilation the ventilation gaps must not be covered or blocked in any way. They should be dusted on a regular basis.

Fitting wall spacers supplied

The wall spacers supplied must be used in order to achieve declared 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. Energy consumption is only 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.

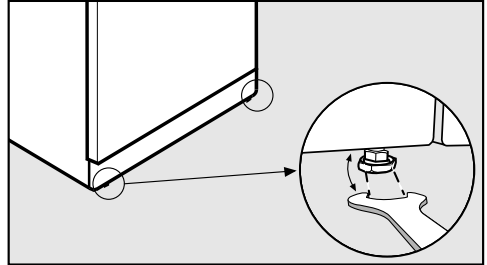
⚠ The appliance must be empty when it is installed.

⚠ 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.

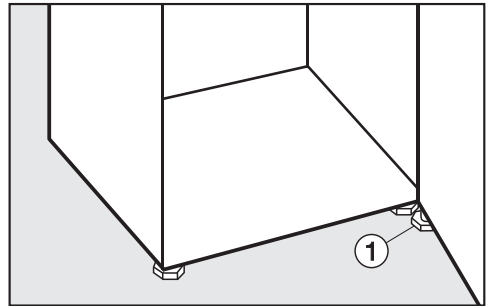
- Prepare the appliance for installation as close as possible to its intended installation location.
- Release the mains cable from the back of the appliance.
- Release the cable clip from the back of the appliance.
- Check that all parts at the back of the appliance are unhindered. Carefully remove any hindrance.
- 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.

Aligning the appliance



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

Levelling the appliance door



- **Ensure** that you unscrew adjustable foot ① from the hinge plate until it sits on the floor. Then unscrew the foot by a further ¼ turn.

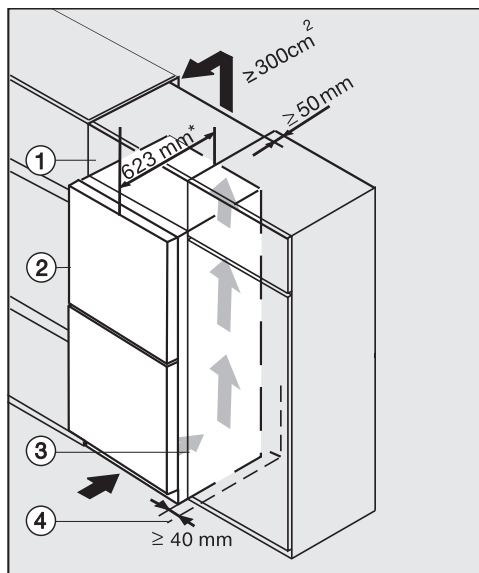
Installation

Building the appliance into a kitchen run

⚠ If the ventilation gaps given are not observed, the compressor will run more frequently and for longer periods.

This will result in increased energy consumption and a higher operating temperature for the compressor. This may, in turn, cause damage to the compressor.

It is essential to observe the ventilation gaps given.



- ① Top box
- ② Appliance
- ③ Housing unit
- ④ Wall

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

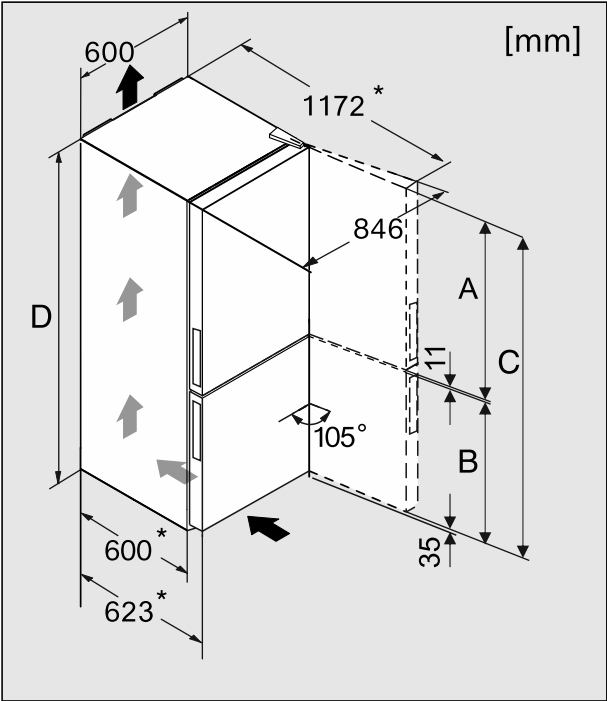
The appliance can be built into a kitchen run and installed directly next to a kitchen furniture housing unit. The appliance door must protrude in front of furniture fronts by at least 65 mm. This enables the doors to be opened and shut without being obstructed. To match the height of the rest of the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

When installed next to a wall ④ a distance of approx. 40 mm must be maintained on the hinge side between the wall ④ and the appliance ②, so that the doors and the handles have sufficient space for opening.

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

- A ventilation gap of at least 50 mm depth must be provided behind the whole width of the top box for air to circulate.
- The cross-section of the air inlet and outlet under the ceiling must be at least 300 cm² to ensure that air can circulate without obstruction.

Appliance dimensions



* Dimensions without wall spacers. 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	1006	754	1817	1806
KFN 29032 D ws	1200	754	2011	2000
KFN 29032 D edo	1200	754	2011	2000
KFN 29042 D ws	1200	754	2011	2000

Changing the door hinging

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

⚠ Two people are needed for changing the door hinging.

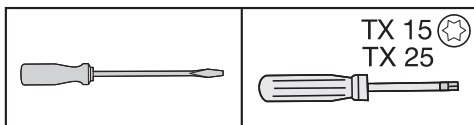
⚠ If a door seal is damaged or if it has come out of the groove, the door will not close properly and cooling performance will be reduced.

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.

Preparation

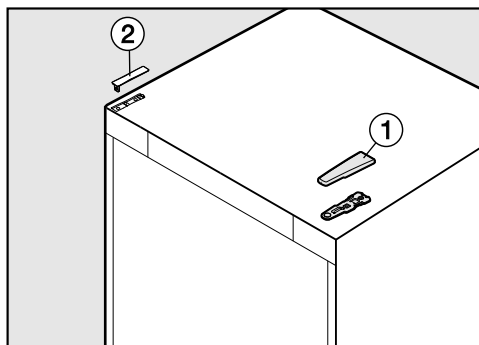
To change the door hinging, you will need the following tools:



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

Removing the top covers

- Close the upper door.



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

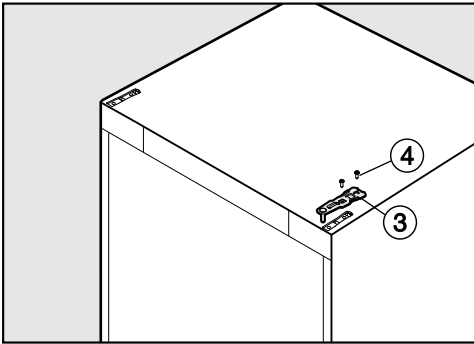
Changing the door hinging

Removing the upper door

⚠ Danger of injury when removing the upper door.

The upper door is not secure as soon as the upper hinge plate is removed.

The door must be held by a second person.



- Loosen screws ④ in 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.

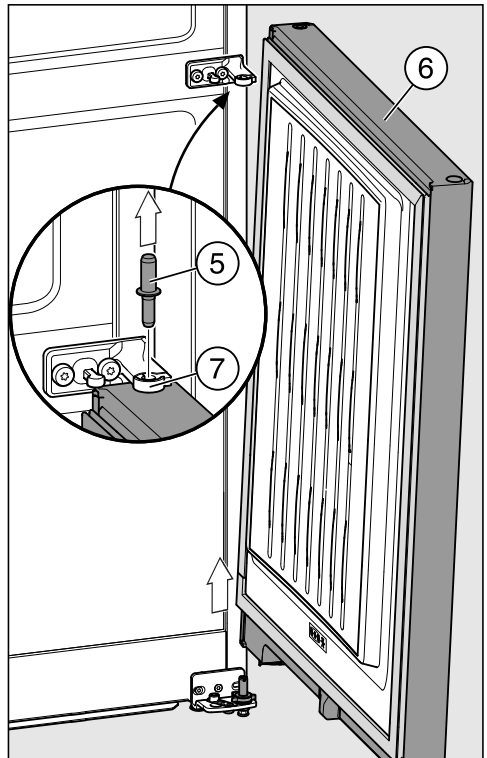
Removing the lower door

⚠ Danger of injury when removing the lower door.

As soon as the hinge pins are removed from the lower door in the following instructions, the door is no longer secured.

The door must be held by a second person.

- Close the lower door.



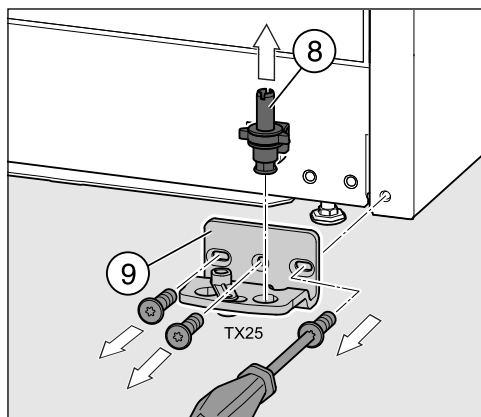
- Remove hinge pin ⑤ from the bearing bush in lower door ⑥.

Tip: Please note that the grey plastic cover ⑦ on the middle hinge plate can fall off when the door is being removed.

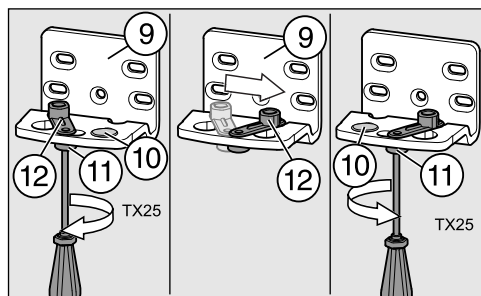
Changing the door hinging

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

Changing the lower hinge plate over

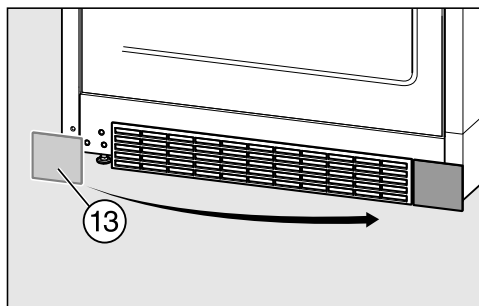


- Pull hinge pin ⑧ complete with washer and adjusting foot upwards to remove.
- Unscrew hinge plate ⑨.

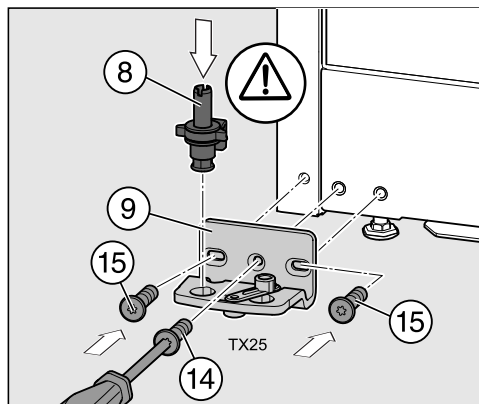


- Remove stopper ⑩ from the hinge plate.
- Slightly loosen screw ⑪ of door closing aid ⑫ on hinge plate ⑨.
- Turn door closing aid ⑫ 90° clockwise to the opposite locating hole in the hinge plate.
- Then tighten screw ⑪ up again.

- Insert stopper ⑩ into the other hole.



- Remove cover ⑬ and refit on the opposite side.

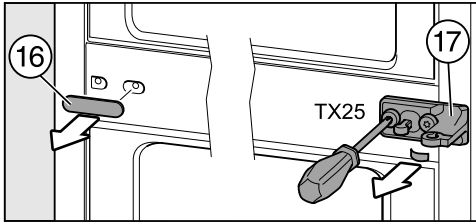


- Secure hinge plate ⑨ into position on the opposite side with screws ⑮ using the two outer long slots only. Do not use centre screw ⑭. The door can only be aligned at a later point using the outer long slots holes if the centre screw is not replaced.
- Insert hinge pin ⑧ complete with washer and adjusting foot.

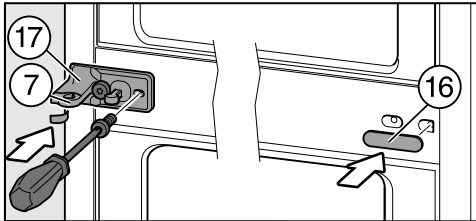
Important. The lug on the hinge pin must point to the back again.

Changing the door hinging

Changing the middle hinge plate over



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



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

The protective film protects the appliance housing from damage.

- Turn grey plastic cover ⑦ through 180° and refit it in hinge plate ⑰.

Tip: Plastic cover ⑦ fits over the protruding bearing bush so that this is covered from underneath and from the side.

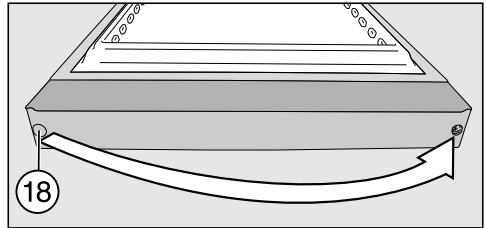
- Turn cover ⑯ through 180° and refit it on the opposite side.

Preparing the doors

Tip: Spread 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

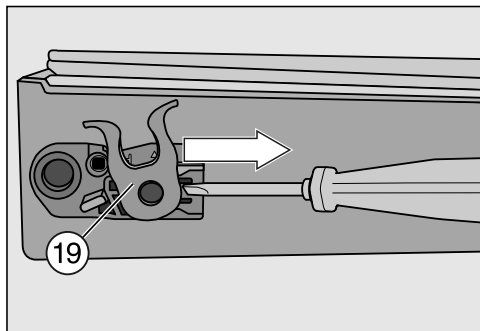


- Pull the stopper out of door bearing bush ⑱ and replace it on the opposite side.

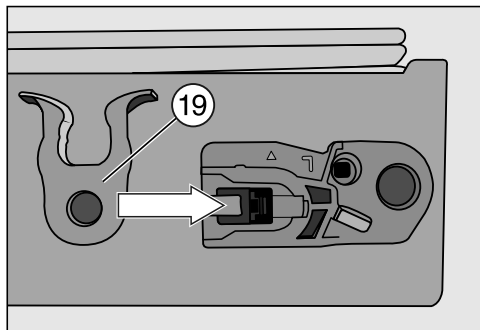
Changing the door hinging

Changing over the spring clip

- Replace spring clip ⑰ (keeper) on the opposite side:

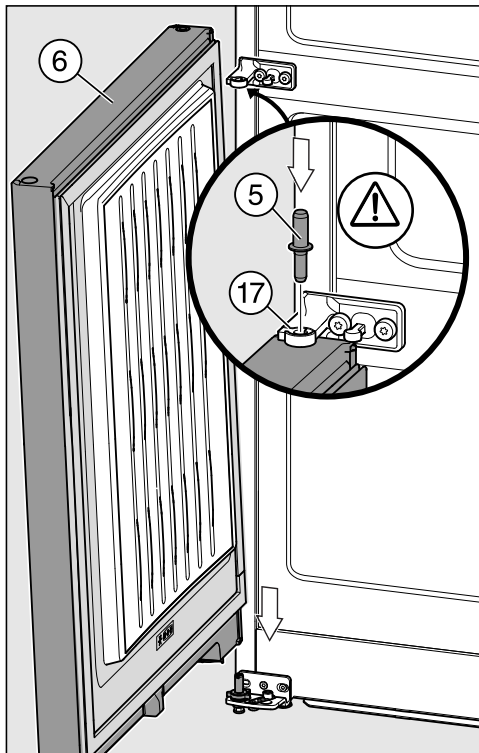


- Press the lug downwards and push spring clip ⑰ to the side out of the guide.



- Push spring clip ⑰ into the guide on the opposite side until it clicks into place.

Refitting the lower door

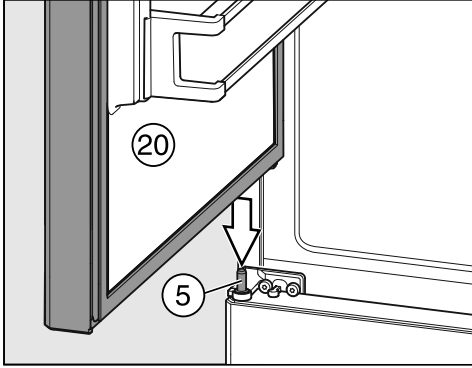


- Place door ⑥ onto hinge pin ⑤ from above.
- Close appliance door ⑥.
- Insert middle hinge pin ⑤ through middle hinge plate ⑰ into the bearing bush.

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

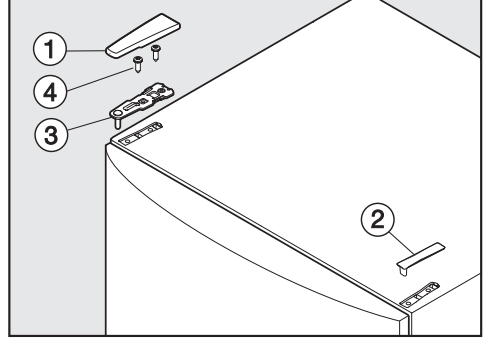
Changing the door hinging

Refitting the upper door



- Place upper door ⑳ onto middle hinge pin ⑤.
- Close the upper door.

Inserting the upper hinge plate



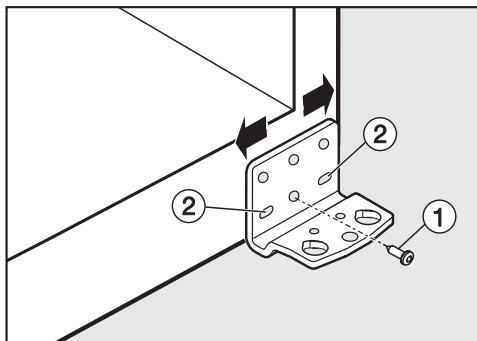
- Fit hinge plate ③ on the opposite side and secure it with screws ④. If necessary drill pilot holes for the screws or use a battery operated screwdriver.
- Replace covers ① and ② on the opposite side.
- Align the door with the appliance housing using the long slots in the lower hinge plate. Then tighten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

Aligning the appliance doors

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

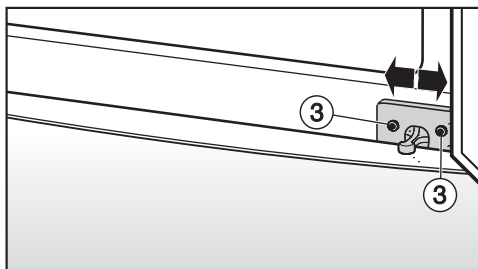
In the following illustration the door is not shown in the closed position to make it easier to see what you have to do.

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



- Remove 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 screws ② again.
Screw ① does not need to be refitted.

Align the upper door using the long 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 screws ③.

United Kingdom

Miele Co. Ltd.
Fairacres, Marcham Road
Abingdon, Oxon, OX14 1TW
Customer Contact Centre Tel: 0330 160 6600
E-mail: mielecare@miele.co.uk
Internet: www.miele.co.uk

Australia

Miele Australia Pty. Ltd.
ACN 005 635 398
ABN 96 005 635 398
1 Gilbert Park Drive, Knoxfield, VIC 3180
Tel: 1300 464 353
Internet: www.miele.com.au

China

Miele (Shanghai) Trading Ltd.
1-3 Floor, No. 82 Shi Men Yi Road
Jing' an District
200040 Shanghai, PRC
Tel: +86 21 6157 3500, Fax: +86 21 6157 3511
E-mail: info@miele.cn, Internet: www.miele.cn

Miele (Hong Kong) Limited

41/F - 4101, Manhattan Place
23 Wang Tai Road
Kowloon Bay, Hong Kong
Tel: (852) 2610 1331, Fax: (852) 2610 1013
Email: mielehk@miele.com.hk

India

Miele India Pvt. Ltd.
Ground Floor, Copia Corporate Suites
Plot No. 9, Jasola
New Delhi - 110025
Tel: 011-46 900 000, Fax: 011-46 900 001
E-mail: customercare@miele.in, Internet: www.miele.in

Ireland

Miele Ireland Ltd.
2024 Bianconi Avenue
Citywest Business Campus, Dublin 24
Tel: (01) 461 07 10, Fax: (01) 461 07 97
E-Mail: info@miele.ie, Internet: www.miele.ie

Manufacturer: Miele & Cie. KG

Carl-Miele-Straße 29, 33332 Gütersloh, Germany

Miele

Malaysia

Miele Sdn Bhd
Suite 12-2, Level 12
Menara Sapura Kencana Petroleum
Solaris Dutamas No. 1, Jalan Dutamas 1
50480 Kuala Lumpur, Malaysia
Phone: +603-6209-0288
Fax: +603-6205-3768

New Zealand

Miele New Zealand Limited
IRD 98 463 631
Level 2, 10 College Hill
Freemans Bay, Auckland 1011, NZ
Tel: 0800 464 353
Internet: www.miele.co.nz

Singapore

Miele Pte. Ltd.
163 Penang Road
04 - 03 Winsland House II
Singapore 238463
Tel: +65 6735 1191, Fax: +65 6735 1161
E-Mail: info@miele.com.sg
Internet: www.miele.sg

South Africa

Miele (Pty) Ltd
63 Peter Place, Bryanston 2194
P.O. Box 69434, Bryanston 2021
Tel: (011) 875 9000, Fax: (011) 875 9035
E-mail: info@miele.co.za
Internet: www.miele.co.za

United Arab Emirates

Miele Appliances Ltd.
P.O. Box 11 47 82
Gold & Diamond Park, Sheikh Zayed Road
Building 6 / Offices Nos. 6-214 to 6-220
Dubai
Tel: +971-4-341 84 44
Fax: +971-4-341 88 52
E-Mail: info@miele.ae
Internet: www.miele.ae

KFN 28032 D ws, KFN 29042 D ws, KFN 29032 D ws, KFN 29032 D
edo