

# Operating and installation instructions


## Refrigerator



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

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## Warning and Safety instructions

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

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

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

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

### Correct application

- ▶ This appliance is designed for domestic use and for use in similar environments by guests in hotel or motel rooms, bed & breakfasts and other typical living quarters. This does not include common/shared facilities or commercial facilities within hotels, motels or bed & breakfasts.
- ▶ This appliance is intended for domestic use only for the cool storage of food and drinks. Any other usage is not permitted.
- ▶ 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

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

### **Safety with children**

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

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

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

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

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

# Warning and Safety instructions

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## Technical safety

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

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

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

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

In the event of any damage:

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

► The more coolant there is in a refrigeration appliance, the larger the room should be in which it is installed. In the event of a leakage, if the appliance is in a small room, there is a danger of combustible gases building up. For every 11 g of coolant at least 1 m<sup>3</sup> of room space is required. The amount of coolant in the appliance is stated on a data plate inside the appliance.

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

Consult a qualified electrician if in any doubt.

## Warning and Safety instructions

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

## Warning and Safety instructions

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

### Correct use

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



## Warning and Safety instructions

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- ▶ Do not store explosive materials in the appliance or any products containing propellants (e.g. spray cans). Flammable gas mixtures can be ignited by electrical components.  
Danger of fire and explosion!
- ▶ Do not operate any electrical equipment (e.g. an electric ice cream maker) inside the appliance.  
Danger of sparking and explosion!
- ▶ Food stored for too long may present a risk of food poisoning. Storage times will depend on several factors, including the freshness and quality of the food, as well as the temperature at which it is stored. Follow the instructions given on the food manufacturer's packaging regarding storage conditions and use-by dates.
- ▶ Use only genuine original Miele spare parts. If spare parts or accessories from other manufacturers are used, the warranty will be invalidated, and Miele cannot accept liability.

### **Stainless steel appliances**

- ▶ The coated stainless steel surface can be damaged by adhesives and will lose its dirt-repelling properties. Do not adhere sticky notes, transparent tape, masking tape or other adhesives onto the stainless steel surface.
- ▶ The surface is susceptible to scratching. Even magnets can cause scratches.

## Warning and Safety instructions

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### Cleaning and care

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

### Transport

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

### Disposal of your old appliance

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

### Symbol on the compressor (depending on model)

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



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

# Caring for the environment

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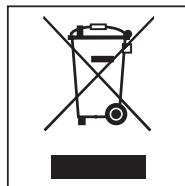
## Disposal of the packing material

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

Recycling the packaging reduces the use of raw materials in the manufacturing process and also reduces the amount of waste in landfill sites. Ensure that any plastic wrappings, bags etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation!

## Disposing of your old appliance

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



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

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

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

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

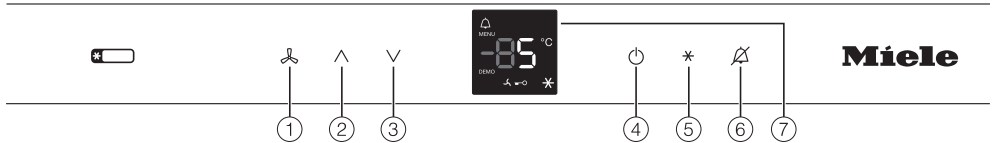
## How to save energy

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

## How to save energy

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

## Control panel

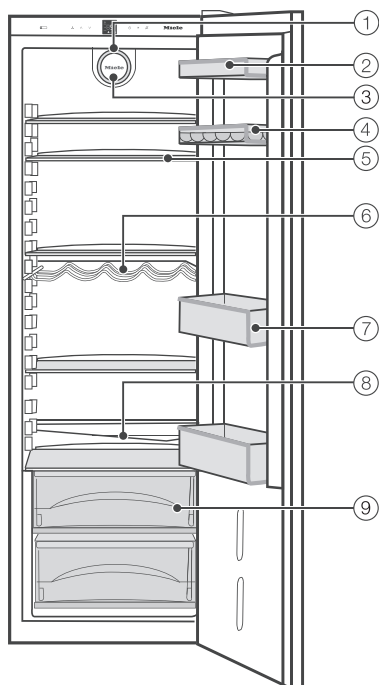


- ① On/Off sensor for the DynaCool function
- ② For setting the temperature (^ for warmer)
- ③ For setting the temperature (v for colder)
- ④ For switching the appliance on and off
- ⑤ On/Off sensor for the SuperCool function
- ⑥ For switching the door alarm off
- ⑦ Display with temperature and symbols (symbols only visible during use; see table for explanation of symbols)

## Symbols in the display

Symbol		Function
	Alarm	Flashes if the door has been left open
	SuperCool	Lights up when SuperCool is switched on
	Safety lock	Lights up when the safety lock is activated
	DynaCool	Lights up when DynaCool is switched on
DEMO	Demonstration mode	Demo mode has been activated. Call Miele.
MENU	Settings menu	Lights up when settings are being adjusted

# Guide to the appliance



- ① Interior lighting
- ② Butter and cheese compartment
- ③ Fan
- ④ Egg tray
- ⑤ Adjustable shelf
- ⑥ Bottle rack
- ⑦ Door shelf/bottle shelf with bottle holder
- ⑧ Condensate channel and drain hole
- ⑨ Fruit and vegetable drawers

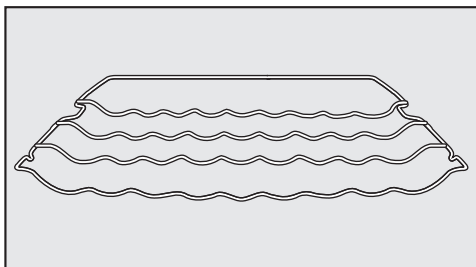
For easier installation there are transport handles on the back at the top and transport wheels underneath the appliance.

The picture shows an example of an appliance model.



## Accessories supplied

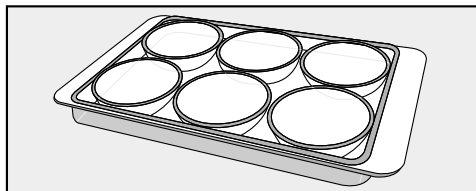
### Bottle rack



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

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

### Egg tray



## Optional accessories

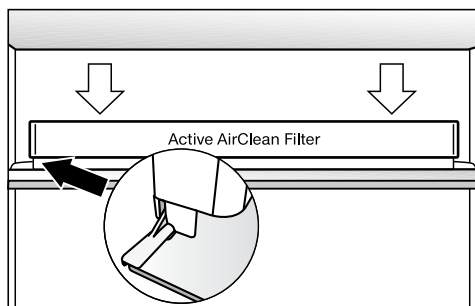
A range of useful Miele accessories and care products are available for your appliance.

### Bottle rack

The appliance is supplied with a bottle rack. Additional bottle racks can be fitted if required.

### KKF-FF Active AirClean charcoal filter with holder

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



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

### KKF-RF Active AirClean replacement filters

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

# Accessories

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## **Side-by-side installation kit**

For installing two or more appliances next to each other.

## **Miele all purpose microfibre cloth**

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

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

## Before using for the first time

### Removing packaging material

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

### Removing the protective foil

The stainless steel strips of the shelves and the door shelves have a layer of protective foil to prevent scratching during transportation. The appliance door and possibly the side panels also have a layer of protective foil.

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

### Cleaning and care

Please refer to the relevant instructions in "Cleaning and care".

- Clean the inside of the appliance and the accessories.

## Connecting the appliance

- Connect the appliance to the electricity supply as described in "Electrical connection".

## Operating the appliance

A light touch of the finger on the sensors is all that is required to operate this appliance.

### Switching the appliance on



- Touch the On/Off sensor.

The temperature display lights up in the display. The current temperature in the refrigerator section is shown in the display.

If the word DEMO appears in the display, demo mode is activated. Please contact Miele.

The appliance will start to cool. The interior lighting comes on when the door is opened.

# Switching on and off


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## Switching off the appliance



- Touch the On/Off sensor.

The temperature display will go out.

If this does not happen, the safety lock  is activated (see “Further settings - Safety lock”).

The cooling system is switched 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 risk of mould forming inside the appliance.

It is essential to clean the appliance.

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

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

# The correct temperature

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

The temperature in the appliance will rise:

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

## ... in the refrigerator section

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

## Temperature display

In normal operation the temperature display shows the **current mean refrigerator temperature**.

Depending on the room temperature and the temperature setting, it can take several hours until the selected temperature is reached and displayed steadily.

# The correct temperature

## Setting the temperature

The two sensors next to the display are used for setting the temperature.



- Touch this sensor to lower the temperature.



- Touch this sensor to increase the temperature.

While the temperature is being set, the temperature value will flash.

The following information appears in the display when the sensors are touched:

- When first tapped: The **last preset temperature** flashes.
- Each subsequent touch of the sensor: The temperature is adjusted in 1 °C steps.
- Leaving the finger on the sensor changes the temperature continuously.

Approximately 5 seconds after the last time a sensor has been touched, the display automatically reverts to showing the **current** temperature inside the appliance.

**Useful tip:** If you have adjusted the temperature, **wait for approx. 6 hours if the appliance is not very full and for approx. 24 hours if the appliance is full** before checking the temperature display. It will take this long for an accurate reading to be given. If, after this time, the temperature is still too high or too low, adjust it again.

### Temperature range

The temperature can be adjusted from 2 °C to 9 °C.

## SuperCool

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

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

### Switching on SuperCool



- Touch the SuperCool sensor.

The SuperCool symbol \* will light up in the display.

The appliance will work at full power to lower the temperature in the refrigerator section.

## Switching off SuperCool

The SuperCool function switches off automatically after 6-12 hours. The SuperCool symbol \* will go out and the appliance will run at normal power again.

To save energy, you can manually switch off SuperCool once food and drinks are sufficiently chilled.



- Touch the SuperCool sensor.

The SuperCool symbol \* in the display will go out.

The appliance will operate at normal power again.

# Using SuperCool and DynaCool

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## DynaCool

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


DynaCool should also be switched on when:

- the ambient temperature in the room is high, i.e. above 30° C, and
- when humidity levels are high (e.g. in summer).

## Switching on DynaCool



- Touch the DynaCool sensor.

The  symbol will appear in the display.


The fan will run continuously.

## Switching off DynaCool

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



- Touch the DynaCool sensor.

The  symbol in the display will go out and the fan switches off.

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



An alarm will sound if the appliance door has been left open for longer than 60 seconds.

As soon as the door is closed, the alarm will stop.

### **Switching the door alarm off early**

You can switch the alarm off early if you wish.



- Touch the sensor for switching off the door alarm.

The alarm will stop.

## Further settings

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### Temperature display brightness

The temperature display brightness can be adjusted to suit lighting conditions in the room.

The temperature display brightness can be adjusted in stages from  $h$  0 (lighting off) to  $h$  5 (maximum brightness).

#### Changing the brightness of the temperature display



- Touch the SuperCool sensor for approx. 5 seconds.

The MENU symbol will light up and  $c$  will start flashing.



- Keep touching one of the temperature setting sensors until  $h$  appears in the display.



- Touch the SuperCool sensor again.



- You can now adjust the brightness of the temperature display using the sensors for altering the temperature. You can chose a level between  $h$  0 and  $h$  5.



- Touch the SuperCool sensor to save the setting.

The brightness is now set to this new value.



- Touch the On/Off sensor to quit settings mode. Otherwise the appliance will switch to normal operation after approximately 5 minutes.


### Safety lock

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



#### Switching on the safety lock




- Touch the SuperCool sensor for approx. 5 seconds.

The MENU symbol will appear in the display and  will start flashing.



- Touch the SuperCool sensor again.  
 will appear in the display.
- To activate the safety lock confirm  by touching the SuperCool sensor again.
- If you want to cancel the process touch the On/Off sensor twice.

The safety lock symbol  will appear in the display if you have activated it.




- Touch the On/Off sensor to quit settings mode.  
Otherwise the appliance will switch to normal operation after approximately 5 minutes.



#### Switching off the safety lock




- Touch the SuperCool sensor for approx. 5 seconds.

The MENU symbol will appear in the display and  will start flashing.



- Touch the SuperCool sensor again.  
 will appear in the display.
- To deactivate the safety lock confirm  by touching the SuperCool sensor again.
- If you want to cancel the process touch the On/Off sensor twice.

The safety lock symbol  in the display will go out if it has been deactivated.



- Touch the On/Off sensor to quit settings mode.  
Otherwise the appliance will switch to normal operation after approximately 5 minutes.

# Using the refrigerator efficiently

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## Different storage zones

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

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

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

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

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

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

## Warmest area

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

## Coldest area

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

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

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

# Using the refrigerator efficiently

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## Food which is not suitable for storage in the refrigerator

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

Foods which are sensitive to cold include:

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

## Notes on buying food

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

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

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

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

## Storing food correctly

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

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

## Fruit and vegetables

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

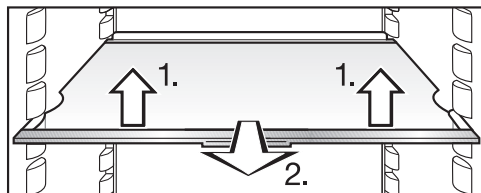
## Protein rich food

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

# Adjusting the interior fittings

## Moving the adjustable 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 upward to prevent food from touching the back wall of the appliance and freezing to it.

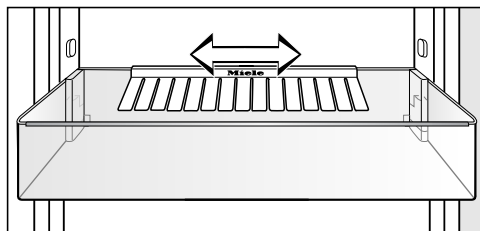
Stoppers prevent the shelves from being dislodged by mistake.

## Adjusting the door shelf/bottle shelf

Only move door/bottle shelves when they are empty.

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

## Adjusting or removing the bottle holder



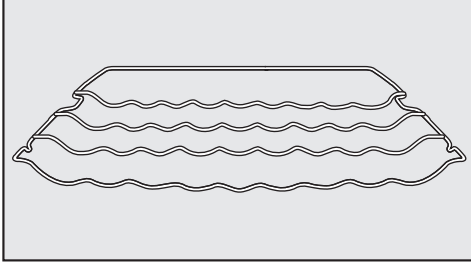
The bottle holder can be moved to the left or right to create more room for drink cartons.

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

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

The bottle holder can be replaced after cleaning.

### Adjusting the bottle rack



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

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

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

### Removing and replacing the fruit and vegetable drawers

The fruit and vegetable drawers sit on telescopic runners and can be removed for loading and unloading, or cleaning.

- Pull out the drawer as far as it will go, and then lift it up and out.



Risk of damage due to incorrect handling.

After removing the drawer, the telescopic runners are fully extended. Push the telescopic runners back in.

### Replacing the drawer

- Place the drawers on the fully retracted telescopic runners.
- Push the drawer into the appliance until it clicks into position.

# Defrosting

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## Refrigerator section

The refrigerator section defrosts automatically.


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

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

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



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

 Risk of damage due to moisture ingress.

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

Do not use a steam cleaner to clean the appliance.

Cleaning water must not get into the drain hole.

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

### Cleaning agents

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

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

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

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

The following pages contain important information on cleaning.

## Cleaning and care

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### Preparing the appliance for cleaning

- Switch the appliance off.

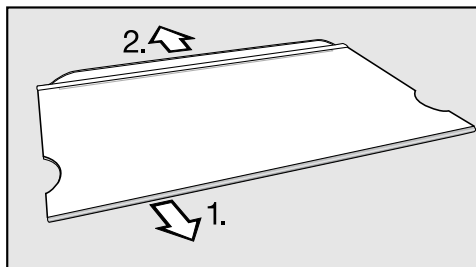
The temperature display goes dark and the cooling system switches off.

- Disconnect the appliance from the mains. Switch off at the wall and withdraw the plug from the socket, or switch off the mains circuit breaker.
- Take any food out of the appliance and store it in a cool place.
- Remove the shelves/bottle shelf from the appliance door.
- Take out the adjustable shelves.
- Take out all other removable parts for cleaning and disassemble them as much as possible.

### Dismantling an adjustable shelf

Before cleaning an adjustable shelf, remove the stainless steel strip and the protective strip at the back of the shelf. Proceed as follows:

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



- Pull the stainless steel strip off the shelf beginning at one side.
- Pull the protective strip off.
- After cleaning the shelf, reattach the stainless steel strip and the protective strip.

## Cleaning the interior and accessories

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

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

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


Remove the stainless steel strips before cleaning the adjustable shelves in a dishwasher.

- Leave the appliance door open for a short time to air out the appliance and avoid the formation of odours.

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

- the stainless steel strips
- the protective strips at the back of the adjustable shelves
- all drawers and drawer lids (supplied depending on model)
- the bottle rack

- Clean these parts by hand.

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

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

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

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

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

- the adjustable shelves (with the trim and strips removed)
- the bottle holder, butter dish, egg tray (included depending on model)
- the bottle and door shelves in the door
- the butter and cheese compartment
- the holder for the charcoal filter (available as an optional accessory)

## Cleaning and care

### Cleaning the front of the appliance and the side panels

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

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

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

### Stainless steel appliances

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



**Do not use stainless steel cleaning agents** on these surfaces. They will damage the coating.


### Cleaning the ventilation gaps

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

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

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

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

 Risk of damage due to incorrect cleaning.

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


Carefully clean the compressor and metal grille.

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

### Cleaning the door seals

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

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

 Risk of damage due to incorrect cleaning.

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

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

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

### After cleaning

- Refit all shelves and accessories in the appliance.
- Reconnect to the mains and switch the appliance back on.
- Switch on the SuperCool function for a while so that the refrigerator section can cool down quickly.
- Place the food back in the appliance and close the door.

## Problem solving guide

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

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

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

Problem	Possible cause and remedy
<b>The refrigerator is not getting cold and the interior lighting does not come on when the machine door is opened.</b>	The appliance is not switched on. ■ Switch the appliance on.
	The plug is not properly inserted into the socket. ■ Insert the plug into the socket correctly.
	The mains circuit breaker has tripped. There could be a fault with the appliance, the household electrical wiring or another electrical appliance. ■ Contact a qualified electrician or Miele.
<b>The compressor runs continuously.</b>	Not a fault! To save energy, the compressor runs at a lower speed when less cooling is required. This increases the running time of the compressor.

## Problem solving guide

Problem	Possible cause and remedy
<b>The compressor is switching on more frequently and for longer periods of time. The temperature in the appliance is too low.</b>	<p>The ventilation gaps and ventilation grille are covered or have become too dusty.</p> <ul style="list-style-type: none"> <li>■ Do not block the ventilation gaps and ventilation grille.</li> <li>■ Clean the dust from the ventilation gaps and ventilation grille on a regular basis.</li> </ul>
	<p>The door has been opened too frequently, or a large amount of fresh food has been placed inside the appliance.</p> <ul style="list-style-type: none"> <li>■ Only open the door when necessary and for as short a time as possible.</li> </ul> <p>After a while the temperature will return to normal by itself.</p>
	<p>The door is not properly closed.</p> <ul style="list-style-type: none"> <li>■ Close the appliance door.</li> </ul> <p>After a while the temperature will return to normal by itself.</p>
	<p>The ambient room temperature is too high. The higher the room temperature, the longer the compressor will run.</p> <ul style="list-style-type: none"> <li>■ See “Installation – Location”.</li> </ul>
	<p>The temperature setting is too low.</p> <ul style="list-style-type: none"> <li>■ Correct the temperature setting.</li> </ul>
	<p>The SuperCool function is still switched on.</p> <ul style="list-style-type: none"> <li>■ To save energy, you can switch SuperCool off early yourself.</li> </ul>
<b>The compressor comes on less and less often and for shorter periods of time. The temperature in the appliance rises.</b>	<p>This is not a fault. The temperature is too high.</p> <ul style="list-style-type: none"> <li>■ Correct the temperature setting.</li> <li>■ Check the temperature again after 24 hours.</li> </ul>

# Problem solving guide



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## Messages in the display

Message	Possible cause and remedy
<b>DEMO is shown in the display. The machine does not get cold, but the machine controls are working.</b>	Demo mode has been activated. In this mode, the appliance can be presented in a showroom without the cooling system working. Do not activate this setting for domestic use. ■ Call Miele.
<b>—○ lights up in the display. You cannot switch the appliance off.</b>	The safety lock is switched on. ■ Switch the safety lock off (see “Further settings - Safety lock”).
<b>“F0 to F9” appears in the display.</b>	There is a fault. ■ Call Miele.



## The interior lighting is not working

Problem	Possible cause and remedy
The interior lighting is not working.	The appliance is not switched on. ■ Switch the appliance on.
	To avoid overheating, the interior lighting switches itself off automatically after approx. 15 minutes if the door is left open. If this is not the case, there is a fault.
	 Risk of electric shock due to exposed, live electrical components! When removing the lighting cover, there is a risk of coming into contact with live electrical components. Do not remove the lighting cover. The LED lighting must only be repaired or replaced by a qualified technician.
	 Danger of injury from LED lighting! This lighting corresponds to risk group RG 2. If the cover is defective, the eyes may be injured. If the lighting cover is defective, do not look from a close range directly into the lighting with optical instruments (e.g. magnifying glass or similar). ■ Call Miele.

# Problem solving guide

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## Other problems

Problem	Possible cause and remedy
An alarm sounds.	The <b>door alarm</b> has been activated. ■ Close the appliance door. The alarm will stop.
An LED indicator light is flashing at the back of the appliance at the bottom near the compressor (depending on model). The electronic unit for the compressor is equipped with an operation and fault diagnosis LED indicator light.	The indicator light flashes several times every 5 seconds. A fault has occurred. ■ Call Miele.
	The indicator light flashes regularly every 15 seconds. Not a fault. This flashing is normal.
The external walls of the appliance feel warm.	This is not a fault. The heat which results from the cooling process is used to avoid the build-up of condensation on the appliance.
The door seal is damaged and needs to be replaced.	No tools are required to change the door seal. ■ Change the door seal. A replacement is available from Miele.
The floor of the refrigerator is wet.	The condensate drain hole is blocked. ■ Clean the condensate channel and drain hole.

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

Noises	Possible cause and remedy
<b>Rattling, vibrating, clinking</b>	The appliance is uneven. Realign the appliance using a spirit level. Do so by raising or lowering the screw feet underneath the appliance or place something underneath it.
	The appliance is touching another appliance or piece of furniture. Move it away.
	Drawers, baskets or shelves are jiggling or are stuck. Check all removable parts and refit them correctly.
	Bottles or containers are touching each other. Separate them.

# Service

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## Contact in case of fault

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

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

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

The data plate is located inside the appliance.

## Warranty

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

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

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

The fuse rating must be at least 10 A.

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

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

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

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

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


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

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


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

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

# Installation

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


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

 Fire risk and danger of damage from open flames!

Open flames can set fire to the refrigeration appliance.

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

## Side-by-side installation

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

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

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

However, your appliance can be part of a “side-by-side” installation because it is equipped with built-in heating units in the side panels.

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

## Location

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

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

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

When installing the appliance, please note:

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



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

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

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

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

## Climate range

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

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

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

## Ventilation



Risk of fire and damage due to insufficient ventilation!

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

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

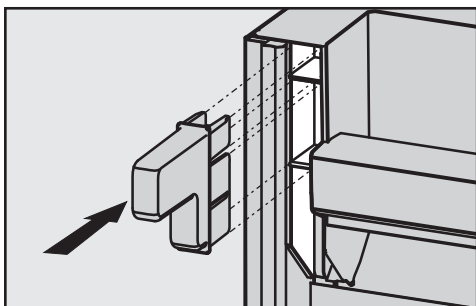
It is essential to observe the required ventilation gaps. The ventilation gaps must not be covered or blocked in any way.

Air at the back of the appliance gets warm.

# Installation

## Fitting the supplied wall spacers

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



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

## Installation

⚠ Two people are required for installing the appliance.

⚠ The appliance must be empty when it is installed.

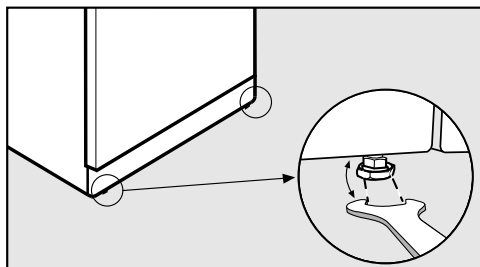
⚠ Move the appliance carefully on floors that are sensitive to scratching to prevent damage.

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

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

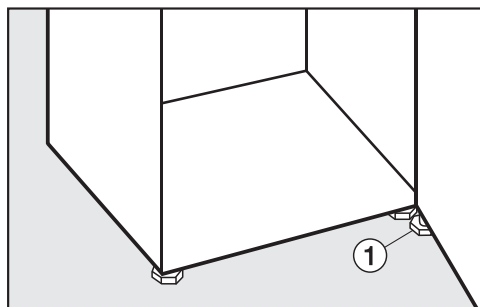


## Aligning the appliance




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

## Supporting the appliance door



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

## Installing the appliance in existing kitchen units

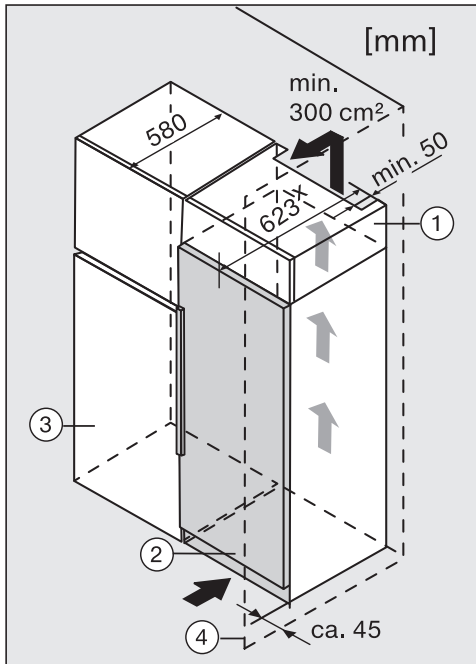
 Risk of fire and damage due to insufficient ventilation!

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

Please ensure that there is adequate ventilation around the appliance.

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

# Installation



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

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

The appliance can be built into a run of kitchen units and installed directly next to a kitchen furniture unit. The front of the appliance then protrudes 65 mm (approx. 100 mm if wall spacers are fitted) from the front of the adjacent furniture unit.

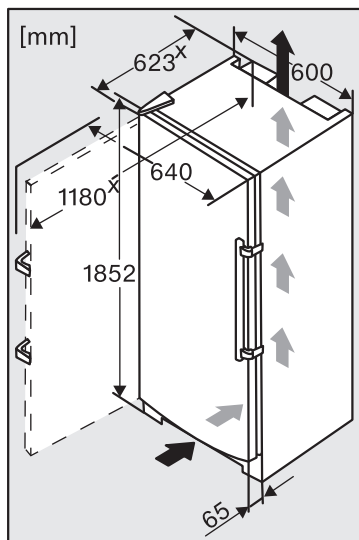
This enables the doors to be opened and shut without being obstructed. To match the height of the kitchen units in the run, the appliance can be fitted with a suitable top box ①.

When installed next to a wall ④ a distance of at least 45 mm must be maintained on the hinge side between the wall ④ and the appliance ②.

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

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

## Appliance dimensions




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

# Changing the door hinging

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

Please note that the hinging must not be changed if this appliance is going to be installed side by side with another refrigeration appliance.

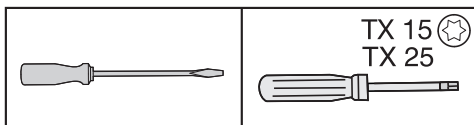
 Two people are needed for changing the door hinging.

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

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

## Preparing to change the door hinging

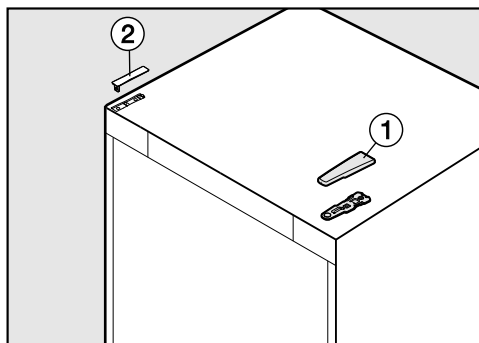
To change the door hinging, you will need the following tools:




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

## Removing the top covers

- Close the appliance door.



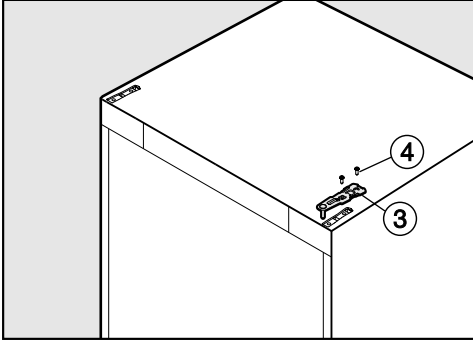
- Remove the cover ① by sliding it forwards from the back and then lifting it off.
- Remove the cover ② by pulling it upwards.

 Danger of injury when removing the appliance door!

The appliance door is no longer secure once the screws in the hinge plate have been removed. Hold the appliance door firmly.

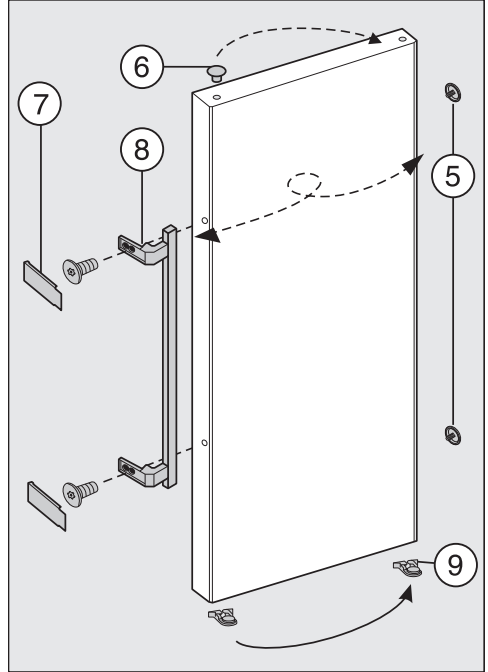
# Changing the door hinging

## Removing the door



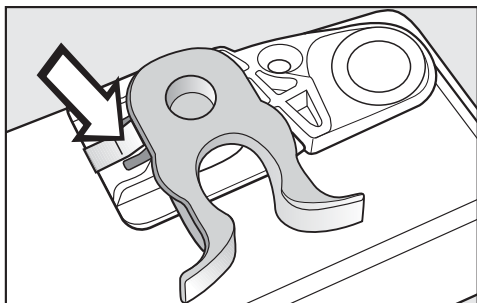
- Loosen the screws ④ in the hinge plate ③ and pull it upwards and off.
- Carefully lift the door up and off and set it aside.

## Changing the door handle over

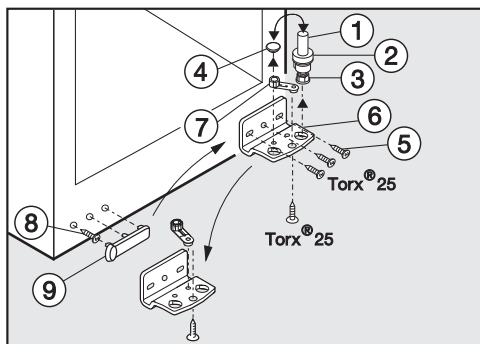


- Take the stoppers ⑤ out of the appliance door.
- Remove the stopper ⑥ from the top of the door and refit it on the opposite side.
- Remove the covers ⑦ from the handle ⑧, then unscrew the handle and refit all these parts on the opposite side of the door.
- Take care when refitting the covers ⑦ that they click into position correctly.
- Refit the stoppers ⑤ on the opposite side.
- To change over the spring clamp ⑨ press down on the catch and pull the spring clamp forwards:

## Changing the door hinging

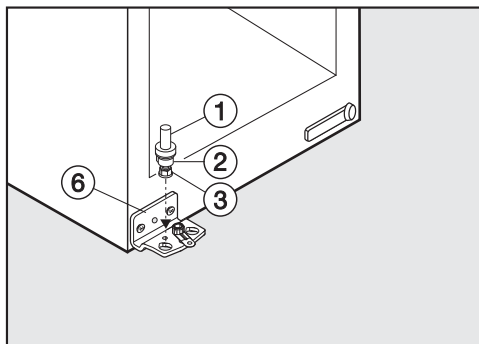


### Changing over the lower hinge plate



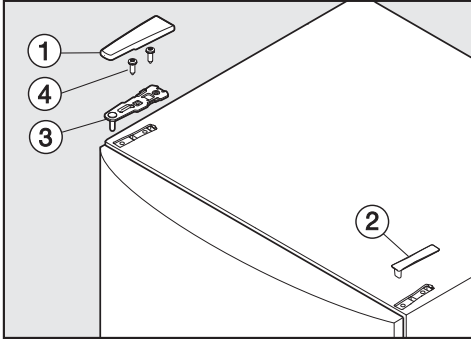
- Pull the hinge pin ① complete with washer ② and adjusting foot ③ upwards to remove.
- Remove the stopper ④.
- Undo the screws ⑤ and remove the hinge plate ⑥.
- Slightly loosen the screw of the door closing aid ⑦ on the hinge plate ⑥. Place the door closing aid ⑦ in the opposite mounting hole in the hinge plate and then tighten the screw.
- Insert the stopper ④ into the other hole.
- Remove the cover ⑨.

- Remove the screw ⑧ and screw it into the outside hole on the opposite side.
- Turn the cover ⑨ 180° and refit it in the holes on the opposite side.



- Screw the hinge plate ⑥ securely into position on the new hinge side with the screws ⑤.
- Reinsert the hinge pin ① complete with washer ② and adjustable foot ③. Important: The lug on the hinge pin must point to the back again.
- Place the door onto the hinge pin ① from above.
- Close the appliance door.

### Inserting the upper hinge plate



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

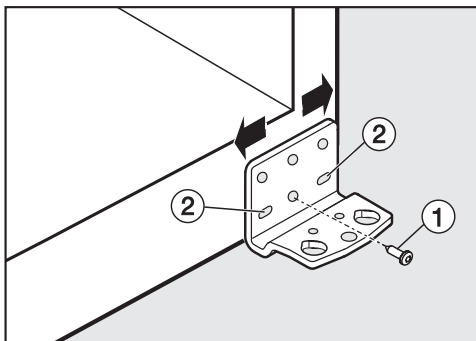
## Aligning the appliance door

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The appliance door can be aligned with the appliance housing after it has 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 appliance door, use the outer slots in the lower hinge plate:



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







**Miele Australia Pty. Ltd.**

ACN 005 635 398

ABN 96 005 635 398

**Miele Experience Centre and  
Head Office Melbourne:**

1 Gilbert Park Drive  
Knoxfield, VIC 3180

**Miele Experience Centre South Melbourne:**

206-210 Coventry Street  
South Melbourne, VIC 3205

**Miele Experience Centre and Office Sydney:**

3 Skyline Place  
Frenchs Forest, NSW 2086

**Miele Experience Centre and Office Brisbane:**

Tenancy 4C, 63 Skyring Terrace  
Newstead, QLD 4006

**Miele Experience Centre Gold Coast:**

131 Ferry Road  
Southport, QLD 4215

**Miele Experience Centre and Office Adelaide:**

83-85 Sir Donald Bradman Drive  
Hilton, SA 5033

**Miele Experience Centre and Office Perth:**

205-207 Stirling Highway  
Claremont, WA 6010

**Miele**

**Miele New Zealand Limited**

IRD 98 463 631

**Head Office:**

Level 2, 10 College Hill  
Freemans Bay, Auckland 1011

**Miele Experience Centre  
Auckland:**

8 College Hill  
Freemans Bay, Auckland 1011  
Telephone:  
0800 464 353 (0800 4 MIELE)  
[www.miele.co.nz](http://www.miele.co.nz)

**Miele Global Headquarters  
Germany**

**Miele & Cie. KG**

Carl-Miele-Straße 29  
33332 Gütersloh  
Federal Republic of Germany



[www.miele.com.au](http://www.miele.com.au)

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