

## Operating and installation instructions Fridge-freezer



To avoid the risk of accidents or damage to the appliance it is **essen-  
tial** to read these instructions before it is installed and used for the  
first time.

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## Warning and Safety instructions

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

Please read the operating and installation instructions carefully before using the refrigeration appliance for the first time. They contain important information on safety, installation, use and maintenance. This is to protect yourself from injury, and from damaging your refrigeration appliance.

In accordance with standard IEC 60335-1, Miele expressly and strongly advises that you read and follow all information provided on installing the refrigeration appliance, as well as the safety notes and warnings.

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

Keep these operating and installation instructions in a safe place and pass them on to any future owner.

### Correct application

- ▶ This refrigeration appliance is intended for use in the home and in similar environments, for example
  - in shops, offices and similar work settings
  - by the guests in hotels, motels, bed & breakfasts and other typical home settings.

This refrigeration appliance 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.

## Warning and Safety instructions

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▶ This refrigeration appliance is not suitable for storing and keeping cool medicines, blood plasma, laboratory preparations or similar substances or products that are subject to the Medical Device Directive. Incorrect use of the refrigeration appliance for such purposes may cause deterioration of the items stored. The refrigeration appliance is also not suitable for use in areas where there is a risk of explosion.

Miele cannot be held liable for damage caused by improper or incorrect use or operation of the appliance.

▶ 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 refrigeration 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! Whilst playing, children could become entangled in packaging (such as plastic wrapping) or pull it over their head and suffocate. Keep packaging material away from children.

## Technical safety

► The coolant circuit has been checked for leaks. The refrigeration appliance complies with statutory safety requirements and the appropriate EU directives.



► This refrigeration appliance contains the refrigerant isobutane (R600a), a natural gas which is environmentally friendly but flammable. The refrigerant does not damage the ozone layer and does not contribute to the greenhouse effect.

The use of this refrigerant 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 refrigerant flowing around the cooling circuit. Unfortunately, this cannot be avoided, but it does not affect the performance of the refrigeration appliance.

When transporting and installing the refrigeration appliance, ensure that no parts of the cooling circuit are damaged. Splashes of refrigerant can damage the eyes.

In the event of damage:

- Avoid naked flames or anything which creates a spark.
  - Disconnect the refrigeration appliance from the mains electricity supply.
  - Ventilate the room where the refrigeration appliance is located for several minutes.
  - Contact the Miele Customer Service Department.
- The more coolant there is in a refrigeration 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 a combustible gas/air mixture 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 refrigeration appliance is stated on the data plate inside the appliance.

## Warning and Safety instructions

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- ▶ 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.
- ▶ 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.
- ▶ 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 utility room).
- ▶ 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.
- ▶ This refrigeration appliance is not intended for use as a built-in appliance.
- ▶ The appliance must be isolated from the electricity supply during installation, maintenance and repair work.



## Warning and Safety instructions

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- ▶ 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 warranty, repairs should only be undertaken by a Miele authorised service technician. Otherwise the warranty is invalidated.
- ▶ Faulty components must only be replaced with genuine Miele original spare parts. Miele can only guarantee the safety standards of the appliance when Miele replacement parts are used.
- ▶ This refrigeration appliance is supplied with a special lamp to cope with particular conditions (e.g. temperature, moisture, chemical resistance, abrasion resistance and vibration). This lamp must only be used for the purpose for which it is intended. The lamp is not suitable for room lighting. Replacement lamps may only be fitted by a Miele authorised technician or by the Miele Customer Service Department. This refrigeration appliance contains several light sources with at least energy efficiency class G.
- ▶ 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

- ▶ This refrigeration appliance is designed for use within specific ambient temperatures (climate range). Do not use in ambient temperatures for which it is not designed. The climate range is stated on the data plate in the interior cabinet of the refrigeration appliance. A lower ambient temperature will cause the compressor to switch off for longer periods, meaning that the refrigeration appliance is unable to maintain the required temperature.

## Warning and Safety instructions

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- ▶ 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.
- ▶ Risk of fire and explosion. Do not store explosive materials in the refrigeration appliance or any products containing propellants (e.g. spray cans). Electrical components can cause flammable mixes of gases to ignite.
- ▶ Danger of explosion. Do not operate any electrical equipment (e.g. an electric ice-cream maker) inside the refrigeration appliance.  
Danger of sparking and explosion.
- ▶ Danger of injury and damage to the appliance. Do not store cans or bottles containing carbonated drinks or liquids which could freeze in the freezer zone. Otherwise they could burst.
- ▶ Danger of injury and damage to the appliance. When cooling drinks quickly in the freezer zone, make sure bottles are not left in for more than one hour. Otherwise they could burst.
- ▶ Danger of injury. 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 injury. 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 zone. The very low temperature of the frozen food 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.

## Warning and Safety instructions

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▶ 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.

### **Stainless steel appliances**

▶ Adhesives will damage the stainless steel surface and cause it to lose its dirt-repellent protective coating. Do not use sticky notes, transparent adhesive tape, masking tape or other types of adhesive on the stainless steel surface.

▶ The surface is susceptible to scratching. Even magnets can cause scratching.

### **Accessories and spare parts**

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

▶ Miele will guarantee to supply functional spare parts for a minimum of 10 years and up to 15 years following the discontinuation of your refrigeration appliance.

### **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,

## Warning and Safety instructions

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- separate frozen food 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.

## Transport

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

## Disposal of your old appliance

- ▶ If your old refrigeration appliance has a door lock, destroy it. This will prevent the risk of children playing 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. 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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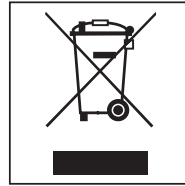
## Disposal of the packing material

The 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.

## Disposing of your old appliance

Electronic and electrical appliances contain many valuable materials. They also contain certain materials, compounds and components which were essential for their correct functioning and safety. These could be hazardous to your health and to the environment if disposed of with general waste or if handled incorrectly. Please do not, therefore, dispose of your old appliance with general waste.



Instead, please make use of officially designated collection and disposal points to dispose of and recycle electrical and electronic appliances in your local community, with your dealer or with Miele. By law, you are solely responsible for deleting any personal data from the appliance prior to disposal.

Take care not to damage your refrigeration appliance's pipework before or during transportation to an authorised collection depot.

This is to ensure that coolant in the cooling circuit and oil in the compressor is contained, and will not leak into the environment.

Please ensure that your old appliance poses no risk to children while being stored prior to disposal. For further information, see "Warning and Safety instructions" in these operating and installation instructions.

## Saving energy

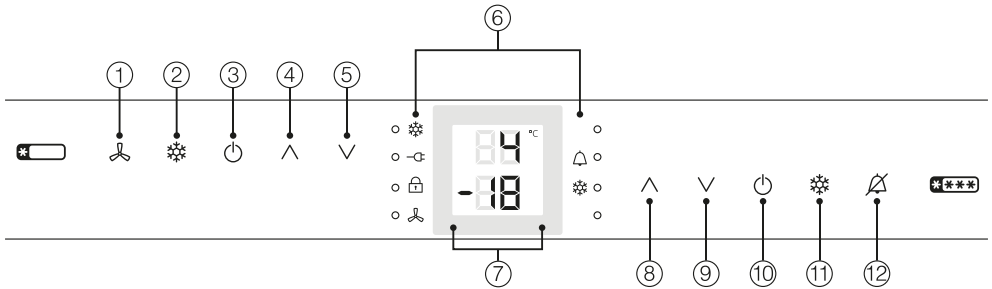
	<b>Normal energy consumption</b>	<b>Increased energy consumption</b>
<b>Installation / Maintenance</b>	In a ventilated room.	In an enclosed, unventilated room.
	Protected from direct sunlight.	In direct sunlight.
	Not near to a heat source (radiator, oven).	Near to a heat source (radiator, oven).
	Where the ideal ambient room temperature is approx. 20 °C.	Where the ambient room temperature is above 25 °C.
	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).
<b>Temperature setting</b>	Refrigerator section 4 to 5 °C	The lower the temperature, the higher the energy consumption.
	Freezer section -18 °C	

# Saving energy

	<b>Normal energy consumption</b>	<b>Increased energy consumption</b>
<b>Use</b>	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 doors 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 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 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 section 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.



## Control panel



### Sensor controls for refrigerator section

- ① For switching the DynaCool function on and off
- ② For switching the SuperCool function on and off
- ③ On sensor for the whole appliance/  
Off sensor for the refrigerator section
- ④ For setting the temperature  
(^ for warmer)
- ⑤ For setting the temperature  
(v for colder)

⑥ Display LEDs (see “Display LEDs” table for explanation)

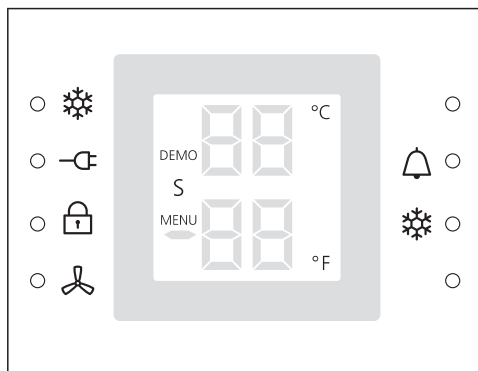
⑦ Display with temperature and symbols (symbols only visible during use; see “Symbols in the display” table for explanation)






### Sensor controls for the freezer section

- ⑧ For setting the temperature  
(^ for warmer)
- ⑨ For setting the temperature  
(v for colder)
- ⑩ For switching the whole appliance on and off
- ⑪ For switching the Super freeze function on and off
- ⑫ For switching the door or temperature alarm off in the event of a power cut

# Guide to the appliance

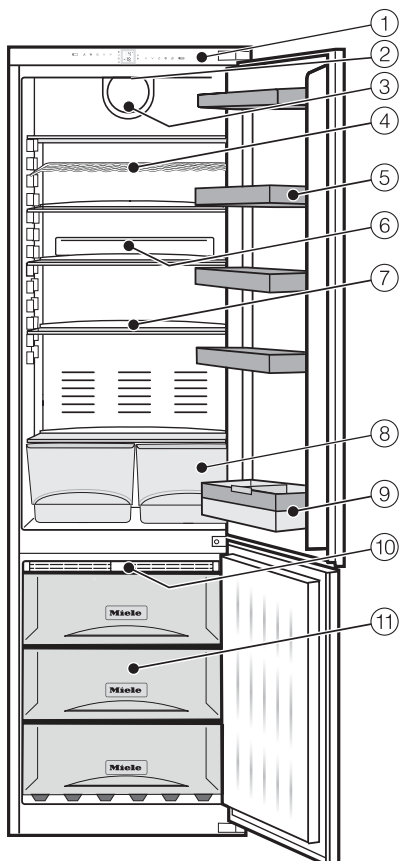
## Display LEDs and symbols in the display



Display LED		Meaning
	Super cool symbol (on the left)/ Super freeze symbol (on the right)	Function can be selected depending on section (see “Using Super cool, Super freeze and DynaCool”).
	Power failure	Flashes during a power cut
	Safety lock	Lock to prevent the appliance from being switched off by mistake
	DynaCool	Function can be selected (see “Using Super cool, Super freeze and DynaCool”).
	Alarm	Flashes when the door or temperature alarm is triggered

Message/symbol in the display		Meaning
DEMO	Demonstration mode	The demonstration mode has been activated (see “Problem solving guide – Display warnings”).
S	Sabbath mode	For switching Sabbath mode on and off
MENU	Settings mode	Lights up when settings are being selected
°C	Temperature unit	The factory default setting is °C; this can be changed to °F

## Guide to the appliance



- ① Control panel with display
- ② Interior lighting
- ③ Fan
- ④ Bottle rack
- ⑤ Door shelf / Egg tray
- ⑥ Holder with active charcoal filter (Active AirClean)
- ⑦ Adjustable shelf
- ⑧ Fruit and vegetable containers
- ⑨ Bottle shelf with bottle holder
- ⑩ Frost Free module
- ⑪ Freezer drawers

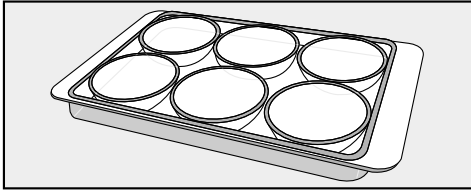
For easier installation there are transport handles on the back at the top and transport wheels underneath the appliance.

This drawing is for illustration purposes only.

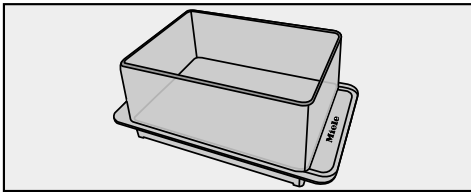
# Accessories

## Accessories supplied

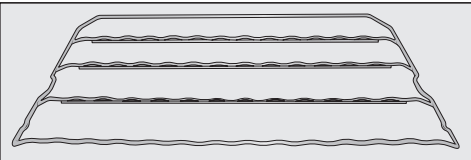
### Egg tray



### Butter dish

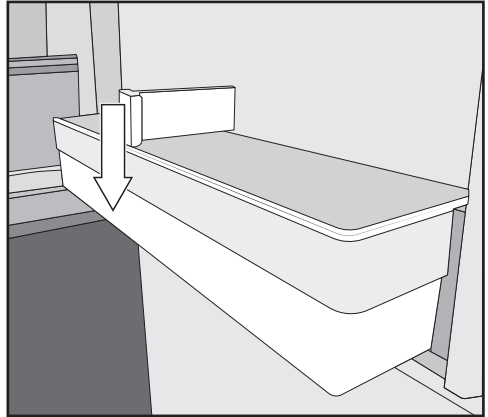


### Bottle rack



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

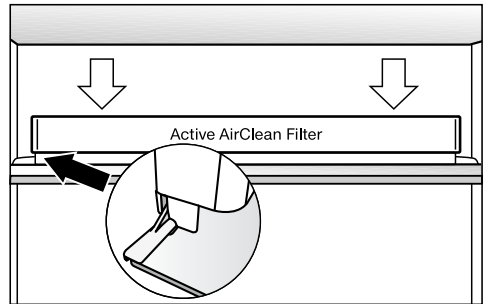
### Bottle holder



Attach the bottle holder to the rear edge of the bottle shelf.

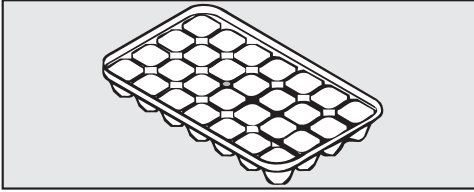
The bottle holder can be moved left or right. This way the bottles will be more secure when the appliance door is opened and closed.

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

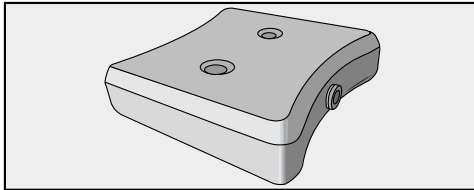


The charcoal filters neutralise unpleasant odours in the refrigerator section for improved air quality.

## Ice cube tray



## Cool pack



The cool pack prevents the temperature in the freezer section from rising too quickly in the event of a power cut. This can help prolong the storage life.

The cool pack will be at its most effective after it has been in the freezer for approx. 24 hours.

## Optional accessories

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

### 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.

### MicroCloth Kit

The MicroCloth Kit contains a universal cloth, a glass cloth and a polishing cloth.

These cloths are extremely resistant to tearing and very robust. Thanks to very fine microfibrils these cloths achieve an excellent cleaning performance.

### KKF-RF replacement filters (Active AirClean)

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

## Accessories

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### **KKF-FF charcoal filter with holder (Active AirClean)**

Charcoal filters neutralise unpleasant odours in the fridge zone for improved air quality.

Accessories are available to order via the Miele Webshop, from Miele directly (see back cover for contact details) or from your Miele dealer.

## Before using for the first time

### Packaging material

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

### Protective foil

The stainless steel trim to the interior shelves and the door shelves has a layer of protective foil to prevent damage during transportation. The appliance doors, and side panels where applicable, have a protective foil.

- Do not remove the foil until the appliance has been positioned in its final location.

### Cleaning the appliance

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

- Clean the inside of the appliance and the accessories.

# Switching on and off

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## Operating the appliance


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

## Switching the refrigeration appliance on

The freezer section and the refrigerator section can be switched on at the same time using the two On/Off controls.


To enable the temperature to get sufficiently cold inside the refrigeration appliance, allow the appliance to run for approx. 3-5 hours (depending on ambient temperature) before placing food in it.

Do not place food in the freezer section until it has reached the required coldness (at least -18 °C).

- Touch one of the two  On/Off controls until the temperature display lights up.

The refrigeration appliance will be switched on and the interior lighting will come on in the refrigerator section.

The temperature display for the refrigerator section indicates the temperature in the refrigerator section.


- If the temperature in the freezer section is above 0 °C, dashes will flash in the temperature display for the freezer section.
- As soon as the temperature drops below 0 °C the temperature in the freezer section will flash in the display.
- The  LED in the display will flash until the set temperature has been reached in the freezer section.

The appliance will gradually reach the pre-set temperatures:

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




## Switching off the whole refrigeration appliance

- Touch the right-hand  On/Off control until all of the indicators go out.

If this does not work, the safety lock is activated (see "Selecting further settings – Activating and deactivating the safety lock"). The refrigerator section interior lighting will go out and the cooling process will be switched off.

## Switching off the refrigerator section separately


The refrigerator section can be switched off without having to switch off the freezer section. The freezer section cannot be turned off separately.

- Touch the left-hand  On/Off control until the temperature display for the refrigerator section goes off.

If this does not happen, the safety lock is still activated (see "Selecting further settings – Activating and deactivating the safety lock").

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

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

- Touch the left-hand On/Off control  to switch on the refrigerator section.

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

## Switching off for longer periods of time

If, during a long absence, the refrigeration 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 refrigeration appliance.

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

- Switch the refrigeration appliance off.
- Switch the appliance off at the wall socket and pull the plug out of the socket, or disconnect the fuse.
- Clean the refrigeration appliance and leave the door ajar to air the appliance and avoid odours building up inside.

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

# 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 bacteria. Reducing the temperature reduces their growth rate.

The temperature in the refrigeration appliance will rise:

- The more often the appliance 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 refrigeration appliance. This refrigeration 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 long periods, a temperature of **-18 °C** is required. At this temperature the growth of bacteria is generally halted. As soon as the temperature rises above **-10 °C**, the bacteria become active in the food again so it cannot be kept as long. For this reason, partially defrosted or defrosted food must not be re-frozen. Food may be re-frozen once it has been cooked, as the high temperatures achieved when cooking destroy most bacteria.

### Temperature display

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

### Setting the temperature

- Use the  $\wedge$  and  $\vee$  arrow sensors to set the temperature higher or lower.

The following information shows in the display while the sensors are being touched:

- Touching a sensor once: the **last temperature selected** flashes.
- Each subsequent touch of the sensor: adjusts the temperature shown in 1 °C increments.
- Keeping a finger on the sensor changes the temperature continuously.

Approximately 5 seconds after the last time a sensor has been touched, the **current** temperature inside the appliance is automatically shown.

### Temperature range

- The temperature in the refrigerator section can be adjusted from 2 °C to 7 °C.

- The temperature in the freezer section can be adjusted from -14 °C to -27 °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.

### Exceptions:

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

The SuperFreeze function should be switched on **6 hours before placing food in the freezer section.**

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

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

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

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

When SuperFreeze 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, you can switch the Super cool function off yourself once food and drinks are sufficiently chilled.

After switching Super cool off the appliance reverts to working at normal power.

## 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

# Using Super cool, Super freeze and DynaCool

---

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 sensor for the function you want.
- The display LED next to the corresponding symbol will light up and the function will be switched on.
- The display LED next to the corresponding symbol will go out and the function will be switched off.


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

# Temperature and door alarm

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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

An alarm will sound if the temperature in the freezer section becomes too warm. The  LED in the display flashes.

The audible and visual signals will be activated if:

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

The alarm will stop and the display will go out as soon as the reason for the alarm has been resolved.

 Health risk caused by decomposing food.


If the temperature in the freezer section remains above  $-18\text{ °C}$  for a long time, the frozen goods can start to defrost. This will reduce the storage life of the food.

Check whether the frozen goods have started to defrost. If they have, 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.

## Switching the temperature alarm off early

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

- Touch the  sensor.

The alarm will stop. The  display LED will continue to flash until the cause of the alarm has been resolved.

## Door alarm

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

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

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

## Switching the door alarm off early

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

- Touch the  sensor.

## Temperature and door alarm

---

The alarm will stop.

# Selecting further settings

## Selecting further settings

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

See the following pages for more information on these settings.

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

The freezer section control panel (to the right-hand side of the display) must be used to apply the desired settings.

## Settings overview

Switching Sabbath mode on and off	5
Setting display brightness	h
Changing the temperature unit (°C/°F)	o
Activating or deactivating the lock	c

## Sabbath mode

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 acoustic and visual signals,
- temperature displays,
- DynaCool, Super cool and Super freeze (if previously selected).

When Settings mode is activated the Super freeze control can still be selected.


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

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

Any power failure during this time is not shown in the display. After a power failure the appliance restarts in Sabbath mode.




## Selecting further settings


 **Danger of food contamination!**  
Any power failure during Sabbath mode is not shown in the display. After a power failure the appliance will restart in Sabbath mode. When power is restored, no notification of the power failure will appear in the display.

If there is an interruption to the power supply during Sabbath mode, check the quality of the food. Do not consume any defrosted food.



### Switching Sabbath mode on/off


- Touch the  SuperFreeze control on the right of the display for approx. 5 s.


MENU lights up in the display and 5 flashes.  
Settings mode is now activated.


- Touch the  SuperFreeze control to access the Sabbath mode function.

Available settings:


- : Sabbath mode is deactivated
- : Sabbath mode is activated

If Sabbath mode was previously switched off,  is offered.

If Sabbath mode was previously switched on,  is offered.

- Touch the  SuperFreeze control to confirm the setting.

MENU lights up in the display and 5 flashes.


- Touch the  On/Off control to exit Settings mode.

When Sabbath mode is active, 5 will flash in the display.




- Switch off Sabbath mode after the Sabbath has passed.


### Changing the temperature unit (°C/°F)

The temperature can be displayed in either Fahrenheit (°F) or Celsius (°C).



- Touch the  SuperFreeze control on the right of the display for approx. 5 s.



MENU lights up in the display and 5 flashes.  
Settings mode is now activated.



- Touch one of the sensor controls for setting the temperature ( and ) repeatedly until  appears in the display.


- Touch the  SuperFreeze control to confirm your selection.

Available settings:


- : degrees Celsius
- : degrees Fahrenheit

If  was previously set,  is now offered.

If  was previously set,  is now offered.

- Touch the  SuperFreeze control to confirm the setting.

MENU lights up in the display and 5 flashes.

- Touch the  On/Off control to exit Settings mode.

## Selecting further settings

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The desired temperature unit will be set.

### Activating or deactivating the lock

The safety lock function can be activated to prevent the refrigeration appliance being switched off by mistake.

- Touch the ❄ SuperFreeze control on the right of the display for approx. 5 s.

MENU lights up in the display and 5 flashes.

Settings mode is now activated.

- Touch one of the sensor controls for setting the temperature  $\wedge$  and  $\vee$  repeatedly until  $\epsilon$  appears in the display.
- Touch the ❄ SuperFreeze control to confirm your selection.

Available settings:

- $\epsilon\bar{0}$ : The safety lock is deactivated
- $\epsilon/$ : The safety lock is activated

If the safety lock was previously deactivated,  $\epsilon/$  is offered.

If the safety lock was previously activated,  $\epsilon\bar{0}$  is offered.


- Touch the ❄ SuperFreeze control to confirm the setting.

MENU lights up in the display and  $\epsilon$  flashes.

- Touch the  $\text{⏻}$  On/Off control to exit Settings mode.


The  $\text{🔒}$  display LED lights up when the safety lock is activated.

# Storing food in the refrigerator section

 Risk of explosion due to flammable mixes of gases.

Electrical components can cause flammable mixes of gases to ignite.

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

 Risk of damage due to greasy or oily food.

If storing food which contains a lot of fat or oil in the refrigeration 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 refrigeration appliance.

## 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 refrigeration section. Make use of the different zones when placing food in the appliance.

**Tip:** To allow air to circulate efficiently, do not pack food too closely together in the appliance.

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.

**Tip:** Do not store food in such a way that it touches the rear wall of the refrigerator section as it may freeze to the rear 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 in the refrigerator section is directly above the fruit and vegetable drawers and at the back.

Use these areas to store all delicate and highly perishable food such as:

- Fish, meat, poultry
- Cold cuts, ready meals
- Dishes or baked goods containing eggs or cream
- Fresh dough, cake mixtures, pizza or quiche dough
- Raw milk cheese and other raw milk products
- Pre-packed vegetables
- Other fresh food with a label stating it should be kept at a temperature of approx. 4 °C

# Storing food in the refrigerator section

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

Not all food is suitable for refrigeration at temperatures below 5 °C, because it may be 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.

Food which is sensitive to cold includes:

- Pineapples, avocados, bananas, pomegranates, mangoes, melons, papayas, passionfruit, citrus fruit such as lemons, oranges, mandarins, grapefruit
- Fruit (which is not yet ripe)
- Aubergines, cucumbers, potatoes, peppers, tomatoes, courgettes
- 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.

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.

## Storing food correctly

Ensure that food stored in the refrigerator section is **covered or wrapped properly**. This will prevent food odours from affecting other foods, food from

drying out, and also any cross-contamination of bacteria. This is particularly 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 vegetable drawers

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

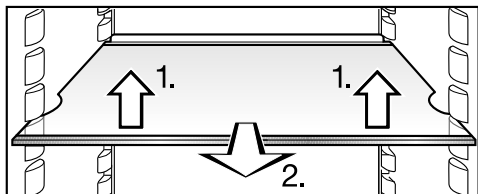
## Protein-rich food

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)

### Moving the shelves

Stoppers prevent the shelves from being dislodged by mistake.

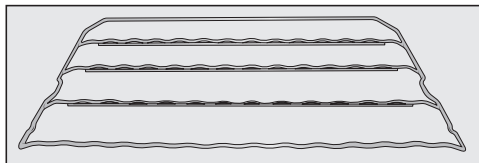


■ The shelves can be adjusted according to the height of the refrigerated goods:

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

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

### Adjusting the bottle rack



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.

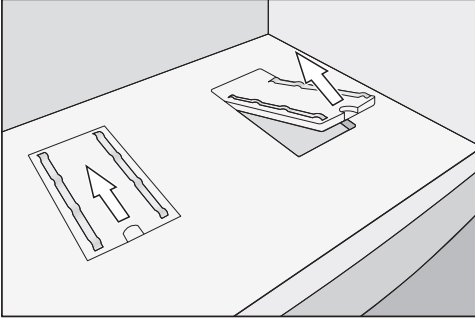
The rear rail must face upwards to prevent bottles from touching the back of the appliance.

Stoppers prevent the bottle rack from being dislodged by mistake.

## Adjusting the interior fittings (refrigerator section)

### Removing fruit and vegetable drawers on rollers

The fruit and vegetable drawers are on rollers and can be completely pulled out for loading and emptying.

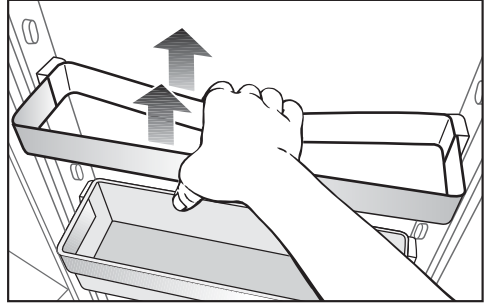


The roller plates can be removed for cleaning.

### Adjusting the door shelf/bottle shelf

Only move the appliance door shelves/bottle shelves when they are empty.

- Lift the clip-on container up and out of the stainless steel frame to remove.
- Push the stainless steel frame up and remove it by pulling it forward.
- Replace the stainless steel frame in the required position. Ensure that it is securely pushed back in the correct position.



- Some stainless steel frames are easier to remove and replace when you take hold of them together with the slat at the back and remove by pulling upward.
- Replace the clip-on container in the stainless steel frame.

You can remove the clip-on containers completely from the door shelves to fill and empty them and then replace them. The clip-on containers can also be taken to the table with the food still in them and used as a serving tray.

# Adjusting the interior fittings (refrigerator section)

## Adjusting the bottle holder

The bottle holder can be moved left or right. This way the bottles will be more secure when the appliance door is opened and closed.

The bottle holder can be removed completely (for example for cleaning):

- To do this, push the front edge of the bottle holder up and disengage it.

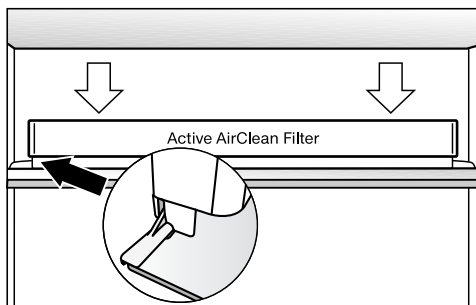
## Moving the charcoal filters

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

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

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

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



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

# Freezing and storing food

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## 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 capacity ... kg/24 hrs".

## 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 re-absorbed by the cells. What this means in practice is that the food loses more moisture. You can see this in the large amount of water that collects around the food when it defrosts.

If food is frozen quickly, the cells have less time to lose moisture, so they shrink less. As there is 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

Never re-freeze partially or fully defrosted food. Defrosted food may only be re-frozen after it has been cooked.

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 food can be kept is reduced if it has been stored at a temperature warmer than  $-18\text{ }^{\circ}\text{C}$ .

- 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.
- Put it into the freezer as soon as possible.



## 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, soured cream, mayonnaise, eggs in their shells, onions, whole raw apples and pears.
- To retain colour, taste, aroma and vitamin C, vegetables should be blanched before they are frozen. To do so place them portion by portion into boiling water for 2–3 minutes. Remove, and plunge into ice-cold water to cool quickly. Drain and pack ready for freezing.
- Lean meat freezes better than fatty meat, and can be stored for considerably longer.
- Separate chops, steaks, cutlets etc. with a sheet of plastic freezer film. This prevents them from freezing together in a block.
- Do not salt or season raw food or blanched vegetables before freezing. Cooked food should only be lightly salted and seasoned. Some herbs intensify the taste of food 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 food for freezing

- Freeze food in portions.
  - **Suitable packing material**
    - Plastic freezer bags
    - Tubular polythene freezer bags
    - Aluminum foil
    - Freezer containers
  - **Unsuitable packing material**
    - Wrapping paper
    - Greaseproof 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
    - Freezer tape
- Tip:** Freezer bags may also be sealed using home heat sealing kits.
- Make a note of the contents and the date of freezing on the packaging.

# Freezing and storing food

## Before placing food in the appliance

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

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

## Placing frozen food in the freezer



Risk of damage caused by loading too much food.

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

Do not exceed the relevant maximum load size:

Freezer drawer = 25 kg

Glass shelf = 35 kg

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

- To prevent food sticking together when frozen, make sure that the packaging and containers are dry.

## – Freezing small amounts of food

Place the food in the lower freezer drawers.

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

## – Freezing the maximum amount of food (see data plate)

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

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

- Remove the upper freezer drawers.
- Place the food flat on the upper glass shelves 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

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

The storage times given are guidelines only.

For standard freezing results, follow the advice on packaging.

By keeping the freezer zone at a constant temperature of -18 °C and taking appropriate hygiene measures you can maximise the storage life of your food and avoid food waste.

## Defrosting frozen goods

Never re-freeze partially or fully defrosted food. Defrosted food may only be re-frozen after it has been cooked.

Frozen goods 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 zone (the cold given off by the frozen food helps to keep the other food cold)
- In a steam oven

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

**Meat and poultry** (e.g. mince, chicken, fish fillets) should not come into contact with other foods while defrosting. Catch the liquid from defrosting 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.

# Freezing and storing food

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## Cooling drinks quickly

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

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

## 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.

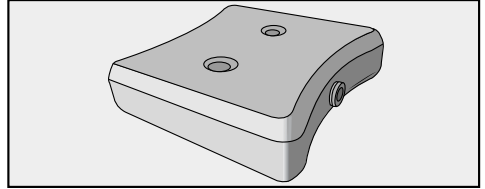
You can also use the space in the freezer section more flexibly. If you wish to freeze large items such as a turkey or game, the glass cold plates between the drawers can be removed.

- 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.

## Using accessories

### Using the cool pack

The cool pack prevents the temperature in the freezer zone from rising too quickly in the event of a power cut. This can help prolong the storage life.



- Place the cool pack in the top drawer of the freezer zone.

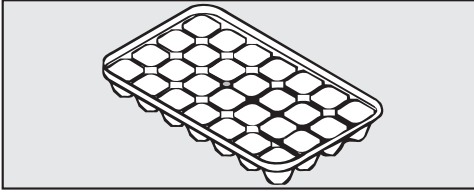
The cool pack will be at its most effective after it has been in the freezer for approx. 24 hours.

### – In the event of a power cut

- Place the frozen cool pack directly on top of the frozen food in the front of the top drawer.

**Tip:** When placing fresh food in the freezer, use the cool pack to separate the fresh food from the food which is already frozen so that the frozen food does not begin to thaw.

### Making ice cubes



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

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

# 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 whilst the compressor is running. You do not need to remove this. The condensate is drained away through a channel and drain hole, then fed into an evaporation system at the back of the appliance where it evaporates automatically with the warmth generated by the compressor.


## Freezer section

The appliance is equipped with a “NoFrost” 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. Food stored in the freezer will not defrost with this system.

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

 Risk of damage due to moisture ingress.

The steam from a steam cleaner can damage plastic and electrical components.

Do not use a steam cleaner to clean the refrigeration appliance.

Cleaning water must not get into the drain hole.

The data plate located inside the interior cabinet of the refrigeration 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 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

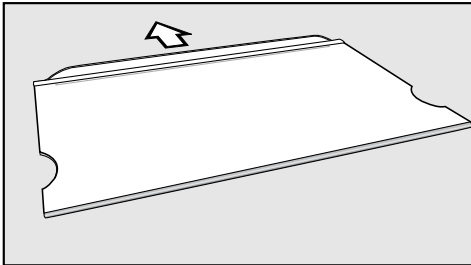
## Preparing the refrigeration appliance for cleaning

- Switch the refrigeration appliance off.  
⏻ appears in the display and cooling is switched off.
- Take any food out of the refrigeration 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. To do this:

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



- Then pull the protective strip off.
- After cleaning the shelf reattach the protective strip.

## Cleaning the interior and accessories

The refrigeration appliance should be cleaned regularly (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.

Remove the trim before cleaning the door shelf in a dishwasher.

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

- stainless steel frames of adjustable shelves
- the protective strips at the back of the adjustable shelves
- all drawers and the compartment lid (depending on model)
- the bottle rack
- the roller plates under the fruit and vegetable drawers
- the cool pack
- These accessories should all be hand washed.



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

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

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

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

The following parts **can be cleaned in the dishwasher**:

- the bottle holder, butter dish, egg tray, ice cube tray (depending on model)
- the bottle shelf and shelves in the door (with stainless steel trim removed)
- the adjustable shelves (without white protective strips)
- the holder for the charcoal filters
- Leave the door open to air the appliance for a short while and to prevent odours building up.

### 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 front 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.

# Cleaning and care

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## Appliance front

 Risk of damage as a result of incorrect cleaning.

The front finish (CleanSteel) will be damaged.


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

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

## Cleaning the door seal

If the door seal is damaged or has slipped out of its groove, the appliance door may not close properly and cooling performance will be reduced. As a result, condensate will build up in the interior cabinet and this can cause a build-up of ice.

Do not damage the door seal and ensure it does not slip out of its groove.

 Risk of damage as a result of incorrect cleaning.

If you treat the door seal with oils or grease, it can become porous.

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

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

## After cleaning

- Replace all shelves and accessories in the appliance.
- Switch the refrigeration appliance 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  $-18\text{ }^{\circ}\text{C}$  or colder press the Super freeze button to switch the Super freeze function off.

## Replacing the charcoal filters

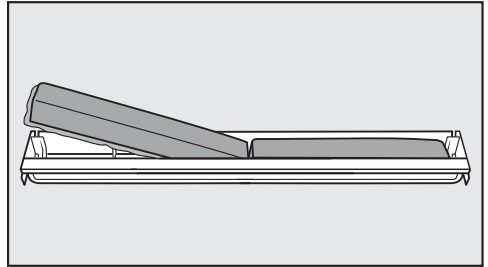
Replace the charcoal filters in the holder every 6 months.

Replacement KKF-RF charcoal filters can be obtained from the Miele Customer Service Department, from your retailer or from Miele's website.

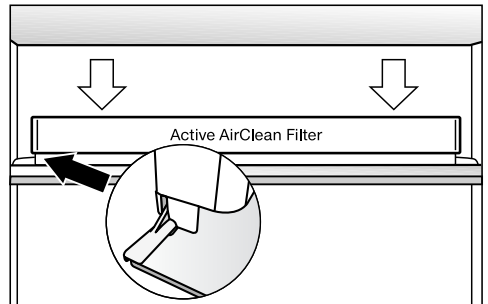
**Tip:** The charcoal filter holder is dishwasher-safe.

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

When in position, the charcoal filters must not touch the rear wall of the refrigeration appliance as the moisture could cause them to stick to it. Insert the new charcoal filters deep enough in the holder to ensure that they do not protrude over the edge of the holder.



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



- Place the holder in the middle of the raised edge at the back of the adjustable shelf, so that it clicks into position.

## Problem solving guide

Many malfunctions and faults that can occur in daily operation can be easily remedied. Time and money will be saved because a service call will not be needed.

The following guide may help you to find the reason for a malfunction or a fault, and to correct it.

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

Problem	Cause and remedy
<p><b>The appliance is not getting cold and the interior lighting does not come on when the door is opened.</b></p>	<p>The appliance has not been switched on.</p> <ul style="list-style-type: none"> <li>■ Switch the appliance on.</li> </ul> <p>The mains plug is not inserted in the socket correctly or the plug connector is not inserted into the socket at the back of the appliance correctly.</p> <ul style="list-style-type: none"> <li>■ Insert the mains plug into the mains socket and the plug connector into the appliance socket correctly and switch on.</li> </ul> <p>Check whether the mains fuse has tripped. There could be a fault with the appliance, the household electrical wiring or another electrical appliance.</p> <ul style="list-style-type: none"> <li>■ Contact a qualified electrician or Miele.</li> </ul>
<p><b>The compressor runs continuously.</b></p>	<p>This is not a fault. To save energy, the compressor runs at a lower speed, but for longer, when less cooling is required.</p>
<p><b>The compressor is switching on more frequently and for longer periods of time. The temperature in the refrigeration appliance is too low.</b></p>	<p>The ventilation gaps have been covered or become too dusty.</p> <ul style="list-style-type: none"> <li>■ Do not block the ventilation gaps.</li> <li>■ Dust the ventilation gaps regularly.</li> </ul> <p>The appliance doors have been opened too frequently, or a large amount of fresh food has been placed inside and/or frozen at the same time.</p> <ul style="list-style-type: none"> <li>■ Only open the appliance doors 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 appliance doors are not closed properly. A thick layer of ice may have formed in the freezer.</p> <ul style="list-style-type: none"> <li>■ Close the appliance doors.</li> </ul>


## Problem solving guide

Problem	Cause and remedy
	<p>After a while, the temperature will return to normal by itself.</p> <p>If a thick layer of ice has already formed, this will affect cooling and increase energy consumption.</p> <ul style="list-style-type: none"> <li>■ Defrost the refrigeration appliance and clean it.</li> </ul> <p>The ambient room temperature is too high. The higher the ambient temperature, the longer the compressor has to run.</p> <ul style="list-style-type: none"> <li>■ See “Installation – Location”.</li> </ul> <p>The temperature setting in the refrigeration appliance is too low.</p> <ul style="list-style-type: none"> <li>■ Correct the temperature setting.</li> </ul> <p>A large amount of food is being frozen at once.</p> <ul style="list-style-type: none"> <li>■ See “Freezing and storing food”.</li> </ul> <p>The SuperCool function is still switched on.</p> <ul style="list-style-type: none"> <li>■ You can switch off the SuperCool function earlier to save energy.</li> </ul> <p>The SuperFreeze function is still switched on.</p> <ul style="list-style-type: none"> <li>■ You can switch off the SuperFreeze function earlier to save energy.</li> </ul>
<p><b>The compressor comes on less and less often and for shorter periods of time. The temperature in the refrigeration appliance rises.</b></p>	<p>This is not a fault. The temperature setting 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> <p>The frozen food begins to defrost.</p> <p>The ambient temperature is too low for this refrigeration appliance.</p> <p>If the ambient temperature is too low, the compressor will run less frequently. This may cause the freezer section to become too warm.</p> <ul style="list-style-type: none"> <li>■ See the information in “Installation – Installation site”.</li> <li>■ Increase the ambient temperature.</li> </ul>
<p><b>The door seal is damaged or needs to be replaced.</b></p>	<p>No tools are required to change the door seal.</p> <ul style="list-style-type: none"> <li>■ Change the door seal. A replacement is available from Miele or from specialist retailers.</li> </ul>

## Problem solving guide



Problem	Cause and remedy
<b>Ice or condensation has built up inside the refrigeration appliance. The appliance door may not close correctly.</b>	<p>The door seal has come out of its groove.</p> <ul style="list-style-type: none"><li>■ Check that the door seal is correctly positioned in the groove.</li></ul> <p>The door seal is damaged.</p> <ul style="list-style-type: none"><li>■ Check whether the door seal is damaged.</li></ul>
<b>An LED indicator light is flashing at the back of the refrigeration 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.</b>	<p>The indicator light flashes several times every 5 seconds. A fault has occurred.</p> <ul style="list-style-type: none"><li>■ Call the Miele Customer Service Department.</li></ul> <p>The indicator light flashes regularly every 15 seconds. Not a fault. This flashing is normal.</p>

## Display warnings

Message	Cause and remedy
<p><b>DEMO is shown in the display. The refrigeration appliance does not get cold, although the appliance controls are working.</b></p>	<p><b>Demo mode</b> is switched on. This allows the refrigeration appliance to be presented in the showroom without the cooling system being switched on. Do not activate this setting for domestic use.</p> <ul style="list-style-type: none"> <li>■ Call the Customer Service Department.</li> </ul>
<p><b>The temperature display is dark and 5 is shown in the display.</b></p>	<p><b>Sabbath mode</b> is switched on. The interior lighting is switched off and the refrigeration appliance is cooling down.</p> <ul style="list-style-type: none"> <li>■ You can switch off Sabbath Mode at any time (see “Selecting additional settings” – “Switching Sabbath Mode on and off”).</li> </ul>
<p><b>The  LED is lit up in the display and the refrigeration appliance cannot be used.</b></p>	<p>The <b>safety lock</b> has been activated.</p> <ul style="list-style-type: none"> <li>■ Completely deactivate the safety lock (see “Selecting further settings – Activating and deactivating the safety lock”).</li> </ul>
<p><b>An alarm is sounding.</b></p>	<p>The <b>door alarm</b> has been activated (see “Door alarm” in “Temperature and door alarm”).</p> <ul style="list-style-type: none"> <li>■ Close the appliance door.</li> </ul> <p>The alarm will stop.</p>




## Problem solving guide

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Message	Cause and remedy
<p>The  LED lights up in the display and a buzzer is also sounding.</p>	<p>The <b>temperature alarm</b> 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, for example:</p> <ul style="list-style-type: none"><li>– The freezer door being opened too often, or being left open.</li><li>– A large quantity of fresh food being placed in the freezer at once without switching on the SuperFreeze function.</li><li>– An interruption to the power supply.</li><li>– A fault with the refrigeration appliance.</li></ul> <p>■ Rectify the cause of the alarm.</p> <p>The  display LED goes out and the buzzer stops sounding.</p> <p>The temperature display will stop flashing as soon as the temperature has dropped to the correct level.</p> <p>■ Depending on the temperature displayed, you should check whether food in the freezer has started to thaw or has defrosted. If it has, it should be used as soon as possible. Defrosted food may only be re-frozen after it has been cooked.</p>





## Problem solving guide

Message	Cause and remedy
<p><b>The  LED lights up in the display and a buzzer is also sounding. The temperature display for the freezer section is flashing.</b></p>	<p>Indication of an <b>interruption to the power supply</b>: 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. The appliance will go back to the last temperature setting when the power is back on.</p> <ul style="list-style-type: none"> <li>■ Touch the  sensor.</li> </ul> <p>The warmest temperature recorded in the freezer section will flash for about 1 minute in the temperature display for the freezer section.</p> <ul style="list-style-type: none"> <li>■ Touch the  sensor.</li> </ul> <p>The warmest temperature displayed will disappear. The display will then revert to showing the current temperature in the freezer section.</p> <ul style="list-style-type: none"> <li>■ Depending on the temperature displayed, you should check whether food in the freezer has started to thaw or has defrosted. If it has, it should be used as soon as possible. Defrosted food may only be re-frozen after it has been cooked.</li> </ul>
<p><b>“F0 to F9” appears in the display.</b></p>	<p>There is a fault.</p> <ul style="list-style-type: none"> <li>■ Call Service.</li> </ul> <p>There is an <b>appliance fault</b>: 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>

# Problem solving guide

## The interior lighting is not working.

Problem	Cause and remedy
<b>The interior lighting is not working.</b>	<p>The refrigeration appliance has not been switched on.</p> <ul style="list-style-type: none"><li>■ Switch the refrigeration appliance on.</li></ul>
	<p><b>Sabbath mode</b> is switched on: the temperature display is dark and 5 is shown in the display.</p> <ul style="list-style-type: none"><li>■ You can switch off Sabbath Mode at any time (see “Selecting additional settings” – “Switching Sabbath Mode on and off”).</li></ul>
	<p>To avoid overheating, the lighting switches itself off automatically after approx. 15 minutes if the appliance door is left open. If this is not the case, then there is a fault.</p>
	<div data-bbox="404 667 1041 959" style="border: 1px solid gray; padding: 5px;"><p> Risk of electric shock due to exposed, live electrical components.</p><p>When removing the lighting cover, there is a risk of coming into contact with live electrical components.</p><p>Do not remove the lighting cover. The LED lighting may only be repaired or replaced by the Customer Service Department.</p></div> <div data-bbox="404 959 1041 1198" style="border: 1px solid gray; padding: 5px;"><p> Danger of injury from LED lighting.</p><p>This lighting corresponds to risk group RG 2. If the cover is defective, there is a danger of eye injury.</p><p>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).</p></div> <ul style="list-style-type: none"><li>■ Call the Customer Service Department.</li></ul>

## Other problems

Problem	Cause and remedy
<b>Food has frozen together.</b>	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.
<b>The external walls of the appliance feel warm.</b>	This is not a fault. The heat created by the evaporator is used to prevent condensation.

# Noises

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 just 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	Cause and remedy
<b>Rattling, vibrating</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 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 them.

## Contact in the event of a fault

In the event of any faults which you cannot remedy yourself, please contact your Miele dealer or the Miele Customer Service Department.

You can book a Miele Customer Service Department call-out online at [www.miele.com/service](http://www.miele.com/service).

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

Please quote the model identifier and serial number of your appliance (Fabr./SN/Nr.) when contacting the Miele Customer Service Department. This information can be found on the data plate.

Please note that telephone calls may be monitored and recorded for training purposes and that a call-out charge will be applied to service visits where the problem could have been resolved as described in this booklet.

The data plate can be found inside the appliance.

## EPREL database

From 1 March 2021, information on energy labelling and ecodesign requirements will be available in the European Product Database (EPREL). You can find the product database at the following link <https://eprel.ec.europa.eu/>. You will be asked to enter the model identifier.

The model identifier can be found on the data plate.

<b>Miele</b>	
XXXXXX	Nr. XX/XXXXXXXXXX
<small>                 WEINTEMPERATURSCHRANK-INTERESSCHNITTCELL                  MULTITEMPERATURE WINE STORAGE CABINET/UNDERCOUNTER/WORKTOP                  ARMOIRE DE MISE EN TEMPERATURE VIN/SACRÉ ENCASTRABLE SOUS PLAN                  ARMARIO DE PLACACIÓN CON MITO. VINOS/ARMARIO POTRABAJO EN OBLERA                  БИНАРИТЕНПЕРТУРШКА/ИНТЕРЕСШНІТЦЕЛЛ             </small>	
<small>                 Klasse/Class                  Classe/Classe                  SN-ST             </small>	<small>                 Ap-Type/AP-Type                  AP-Type/AP-Type             </small>
<small>                 Bruttinhalt/Brut Capacity                  Volume Brut/Capacidad Bruta             </small>	<small>                 Gelfriervermögen/Freezing Capacity                  Pouvoir de Congel/Capac. Congeladora             </small>
<small>                 Nutzinhalt                  Net Capacity                  Volume Utile                  Capac. Util             </small>	<small>                 Ges. / K / G / WEIN / KALT                  Tot. / R / F / WINE / CHILL                  Tot. / R / F / WINE / CHILL             </small>
<b>R600a: XXg</b>	

## Warranty


The appliance warranty is valid for 2 years from date of purchase. In the UK, you must activate your cover by calling 0330 160 6640 or registering online at [www.miele.co.uk](http://www.miele.co.uk).

For more information on country-specific warranty terms and conditions, please contact Miele Customer Service.

# Installation


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## Installation

 Fire risk and risk 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 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 or on top of one other.

However your refrigeration appliance can be installed “side-by-side” because it is equipped with built-in heating units in the side panels.

Please contact your dealer for specific information about which combinations will work with your appliance.

## Location

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

When deciding where to install your refrigeration appliance please bear in mind that it will use more energy if installed near to a heater, a cooker or other appliance that gives off heat. Direct sunlight should also be avoided. The higher the room temperature, the longer the compressor runs and the higher the energy consumption is.

When installing the appliance, please note:

- 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.

 Risk of damage due to corrosion.

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

Install the refrigeration appliance in a dry and/or air-conditioned room with sufficient ventilation.

After installation, make sure that the appliance doors close properly, the ventilation gaps are not covered and that the refrigeration appliance has been installed in accordance with these installation instructions.


## Climate range

This refrigeration appliance is designed for use within specific ambient temperatures (climate range). Do not use in ambient temperatures for which it is not designed. The climate range is stated on the data plate in the interior cabinet of the refrigeration appliance.

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

A lower ambient temperature leads to the compressor switching off for longer periods. This can cause the internal temperature in the refrigeration 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 for the compressor. This may, in turn, cause 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.

They must also be regularly dusted.

Air at the back of the refrigeration appliance gets warm.

## Door opening angle limiter

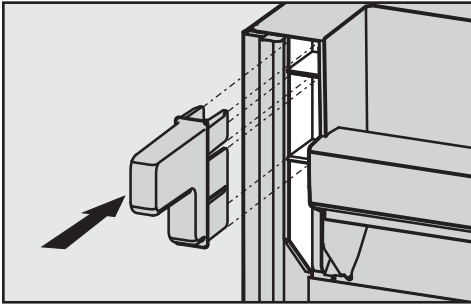
The opening angle of the appliance doors can be limited to approx. 90° or 110° using the door opening angle limiter. This will prevent an appliance door from hitting an adjacent wall and being damaged when opened, for example.

The door opening angle limiter is available from Miele or your Miele dealer.

# Installation

## 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.

## Installing the refrigeration appliance

⚠ Danger of injury and damage due to the refrigeration appliance tipping over.

There is an increased danger of injury and damage if the refrigeration appliance is installed by a single person.

Two people are required for installing the refrigeration appliance.

⚠ Risk of damaging the floor.

Moving the refrigeration appliance can cause damage to the floor.

Move the refrigeration appliance carefully on floors that are sensitive to scratching.

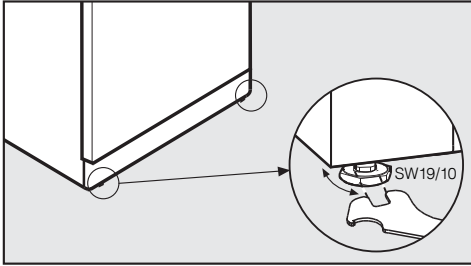
For easier installation, there are transport handles on the back at the top and transport wheels underneath the refrigeration appliance.

**Tip:** The refrigeration appliance must be empty when it is installed.

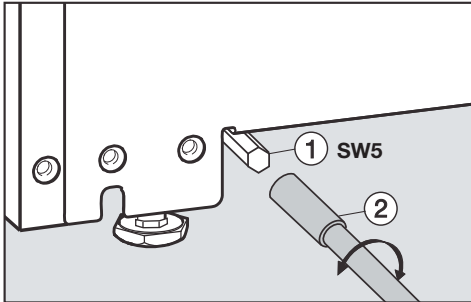
- Prepare the refrigeration appliance for installation as close as possible to its intended installation location.
- Release the mains cable from the back of the appliance.
- Remove the cable clip from the back of the appliance first.
- Move the refrigeration appliance carefully to its intended installation location.
- Position the refrigeration 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.



If necessary, also align the two rear adjustable feet using the two front adjusting devices ① (located beside the front adjustable feet).

- Turn the adjusting device clockwise using a socket wrench ② to raise the appliance up at the back.

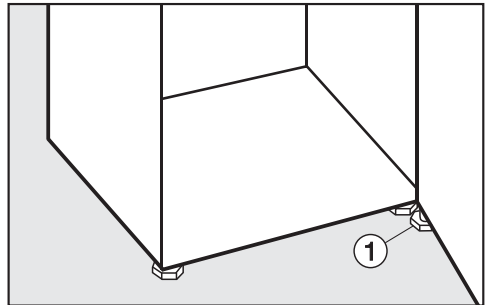
## Levelling the appliance door

 Risk of damage and injury caused by the appliance door falling out or the refrigeration appliance tipping over.

If the additional adjustable foot ① on the hinge plate at the bottom is not resting firmly on the floor, the appliance door can fall out or the refrigeration appliance can tip over.

Use the open spanner supplied with the appliance to unscrew the adjustable foot until it is resting on the floor.

Then unscrew the adjustable foot by a further quarter turn.



# Installation

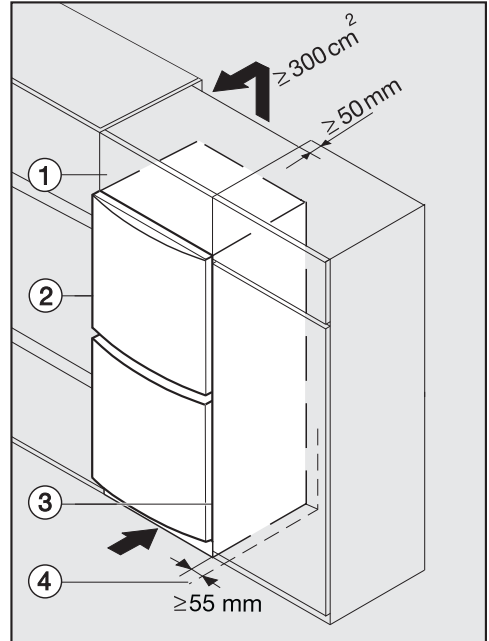
## Installing the refrigeration appliance in a run of kitchen units

⚠ 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 for the compressor. This may, in turn, cause 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.



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

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

The refrigeration appliance can be built into any run of kitchen units and installed directly next to a kitchen furniture housing unit. The appliance front must protrude in front of furniture fronts by at least 34 mm\* at the sides and by at least 55 mm\* in the middle. This enables the appliance door to be opened and shut without being obstructed. To match the height of the rest of the kitchen units, the refrigeration appliance can be fitted with a suitable top box ①.

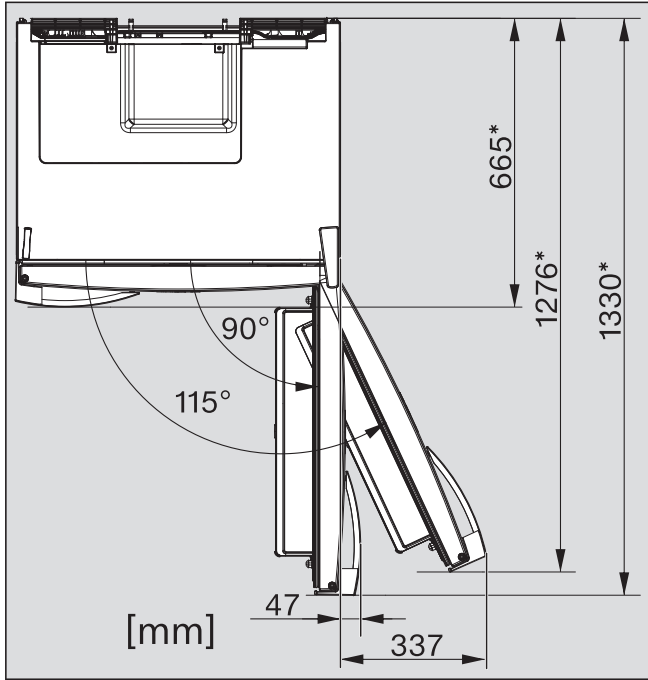
When installed next to a wall ④, a distance of at least 55 mm must be maintained on the hinge side between the wall ④ and the refrigeration appliance ②.

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

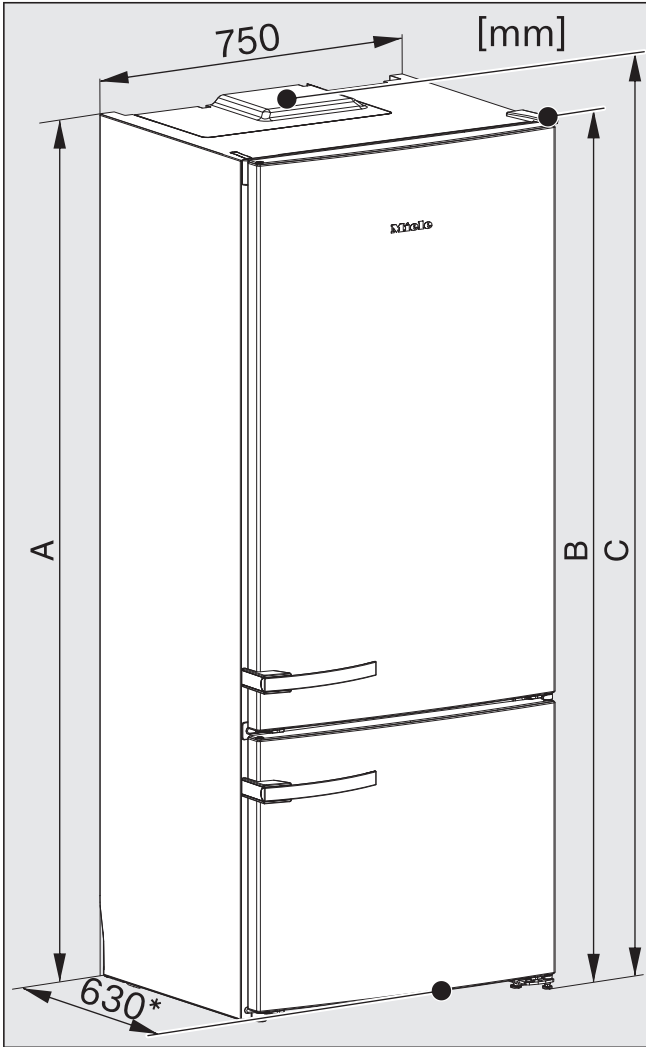
- A ventilation gap of at least 50 mm depth must be provided at the back of the refrigeration appliance behind the whole width of the top box for air to circulate.
- The ventilation gap under the ceiling must be at least 300 cm<sup>2</sup> to ensure that warm air can escape without obstruction.

# Installation

## Appliance dimensions



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



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

	<b>A</b> [mm]	<b>B</b> [mm]	<b>C</b> [mm]
<b>KFN 15842 D edt/cs</b>	1840	1852	1860
<b>KFN 15943 D edt/cs</b>	2000	2012	2020

# Installation

## Changing the door hinging

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

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

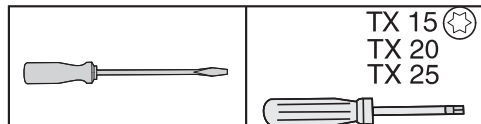
Always change the door hinging with the help of a second person.

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

Do not damage the door seal and ensure it does not slip out of its groove.

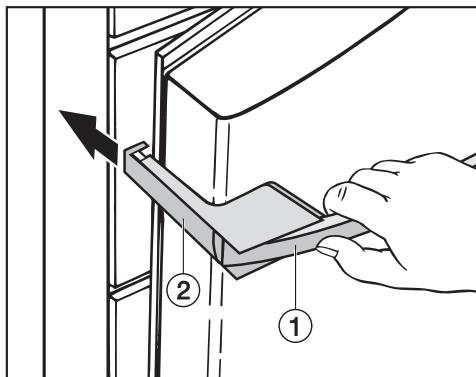
## Preparing to change the door hinging

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



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

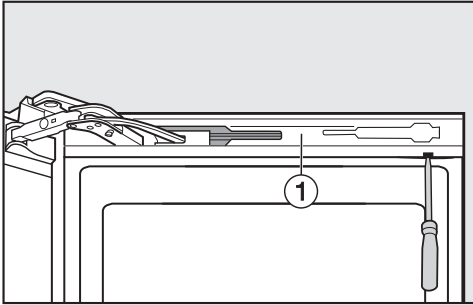
## Removing the door handles



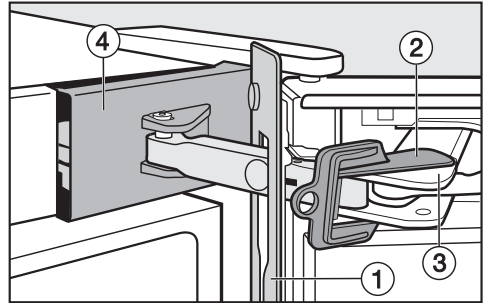
- When you pull the door handle ①, the sidebar ② slides back.
- Pull sidebar ② firmly to the back out of the guides on the mounting plate.
- Now loosen the four screws (TX15) in the mounting plate and remove the handle.
- Remove the cover caps from the opposite side, and fit them into the empty holes.

## Removing the upper soft-close mechanism

- Open the upper appliance door.



- Loosen the panel ① from the soft-close mechanism by inserting a flat-head screwdriver into the gaps from below and, taking care, gradually lift the panel off.



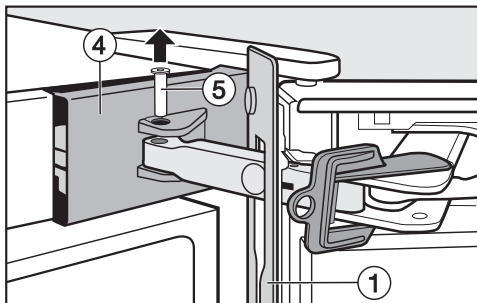
- Push the panel ① toward the refrigeration appliance and leave it hanging there between the door and appliance to start with.
- Place the safety device ② (supplied with the refrigeration appliance) on the soft-close mechanism ③ so that it engages.

The safety device prevents the hinge from snapping shut.

Do not remove the red safety device until instructed to do so.

- Gently loosen the cover ④ from the latch by inserting a flat-head screwdriver from above and below.

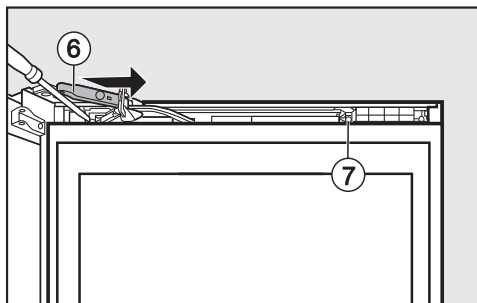
## Installation



- Push the pin ⑤ up and out from below using a flat-head screwdriver.
- Remove the cover ④.

Now the soft-close mechanism and the refrigeration appliance are no longer connected.

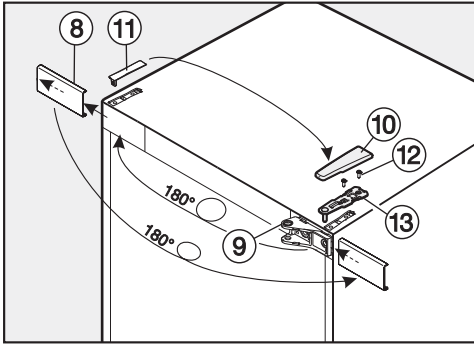
- Remove the panel ①.



- Push the soft-close mechanism bracket ⑥ as far as it will go toward the handle side.
- Loosen the screw ⑦ in the soft-close mechanism and spacer.
- Lever out the housing together with the soft-close mechanism using a flat-head screwdriver in the middle.
- Then, lever the housing together with the soft-close mechanism out of the latch from the appliance side.
- Put the soft-close mechanism to one side.
- Push the spacer towards the hinge side and out.
- Place the spacer to one side.



## Removing the upper appliance door



- Loosen the cover ⑧ by carefully inserting a flat-head screwdriver into the gap from below, and then remove it.
- Unscrew the hinge part ⑨, turn it 180°, and fit it on the opposite side. If necessary, drill holes for the screws.
- Remove the upper cover ⑩ by sliding it forward from the back and then lifting it up and off.
- Remove the cover ⑪ by lifting it up and off.
- Close the upper appliance door.

**⚠ Danger of injury when removing the appliance door.**

The appliance door is not secure once the screws in the hinge plate have been removed.

The appliance door must be held by a second person.

- Loosen the screws ⑫ in the upper hinge plate ⑬ and pull the hinge plate up and off.

**⚠ Danger of injury when removing the upper appliance door.**

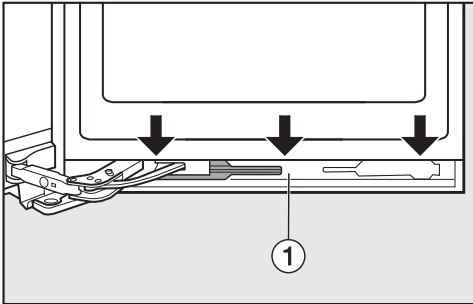
As soon as the hinge pin is located in the upper appliance door rather than in the middle hinge plate, the lower door is not secured and could fall off. Ensure that the hinge pin remains located in the middle hinge plate and in the lower appliance door.

- Carefully lift the upper appliance door up and off, and put it to one side.
- Fit the cover ⑧ on the opposite side.
- Attach the cover ⑪ on the opposite side.

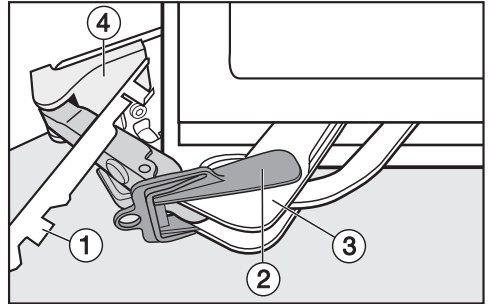
# Installation

## Removing the lower soft-close mechanism

- Open the lower appliance door.



- Loosen the panel ① from the soft-close mechanism by inserting a flat-head screwdriver into the gaps from above and, taking care, gradually lifting the panel off.



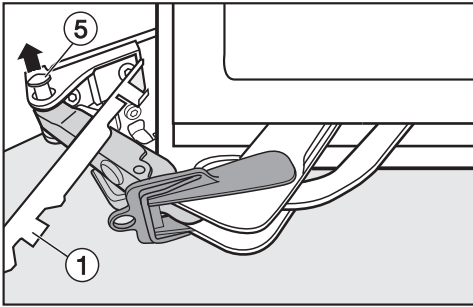
- Push the panel ① toward the refrigeration appliance and leave it hanging there between the door and appliance to start with.
- Place the safety device ② (supplied with the refrigeration appliance) on the soft-close mechanism ③.

The safety device prevents the hinge from snapping shut.

Do not remove the red safety device until instructed to do so.

- Use a flat-head screwdriver to carefully remove the cover ④ from the side.

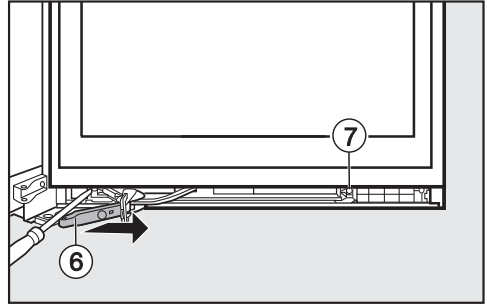
- Tip the refrigeration appliance back slightly with the help of another person if required.



- Push the pin ⑤ up and out from below.

Now the soft-close mechanism and the refrigeration appliance are no longer connected.

- Remove the panel ①.



- Push the soft-close mechanism bracket ⑥ as far as it will go toward the handle side.
- Loosen the screw ⑦ in the soft-close mechanism and spacer.
- Lever out the housing together with the soft-close mechanism using a flat-head screwdriver in the middle.
- Then, lever the housing together with the soft-close mechanism out of the latch from the appliance side.
- Put the soft-close mechanism to one side.
- Push the spacer towards the hinge side and out.
- Place the spacer to one side.

# Installation

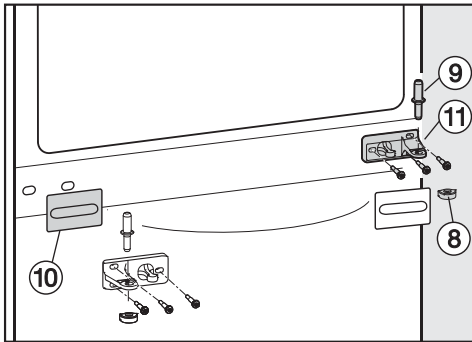
## Removing the lower appliance door

- Close the lower appliance door.

**⚠ Danger of injury when removing the lower appliance door.**

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

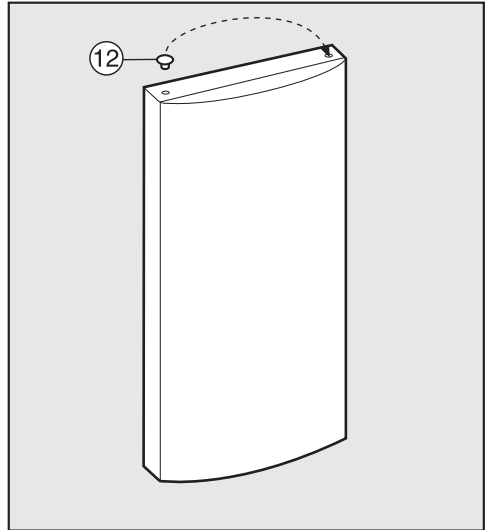
The appliance door must be held by a second person.



- Remove the hinge pin ⑨ from the middle of the appliance by pulling it up.

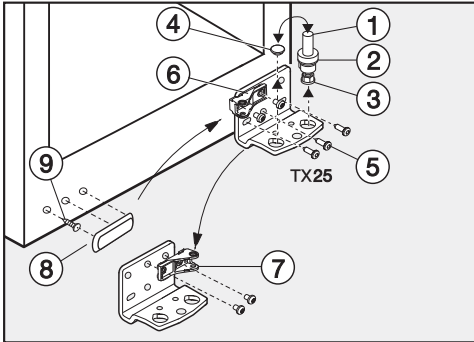
**Tip:** Please note that the grey plastic cover ⑧ on the middle hinge plate can fall off when the appliance door is being removed.

- Carefully lift the lower appliance door off and place it to one side.
- Pull the cover ⑩ off.
- Unscrew the hinge plate ⑪, turn it 180°, and screw it into place on the opposite side.
- Turn the plastic cap ⑧ 180° and refit it in the middle of the hinge plate ⑪.
- Attach the cover ⑩ on the opposite side.



- Lift the stoppers ⑫ for both appliance doors from their bearing bushes and reinsert them on the opposite side.

## Refitting the lower appliance door

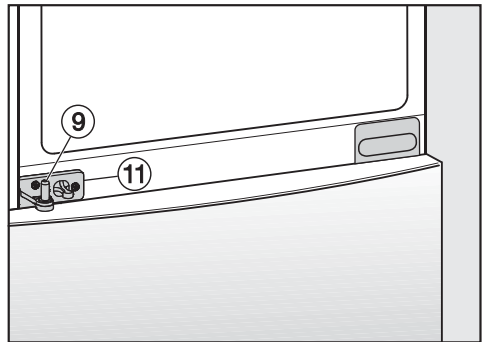


- Pull the hinge pin ① complete with washer ② and adjustable foot ③ up-ward to remove.
- Remove the stopper ④.
- Undo the screws ⑤ and remove the hinge plate ⑥.
- Unscrew the hinge part ⑦ from the hinge plate ⑥, turn it 180°, and screw it into the opposite hole in the hinge plate.
- Insert the stopper ④ into the other hole.
- Remove the cover ⑧.
- Take the screw ⑨ out and screw it into the outside hole on the opposite side.
- Turn the cover ⑧ by 180° and refit it in the holes on the opposite side.
- Screw the hinge plate ⑥ into place on the opposite side using the two outer slots only. Do not use the screw in the middle because otherwise you will not be able to align the appliance door with the outer slots later on.

- Important. Screw the adjustable foot ③ into the hinge pin ① as far as it will go.
- 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.

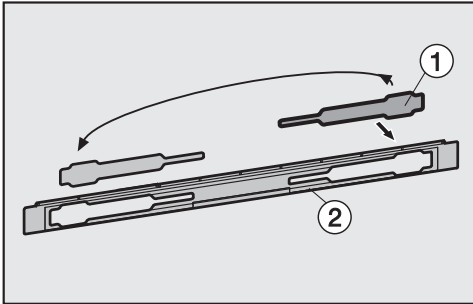
- Place the lower door on the hinge pin ① from above.
- Close the lower appliance door.



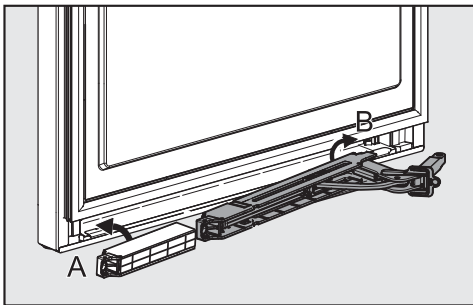
- In the middle of the appliance, insert the hinge pin ⑨ through the hinge plate ⑪ and into the lower appliance door.

# Installation

## Inserting the lower soft-close mechanism

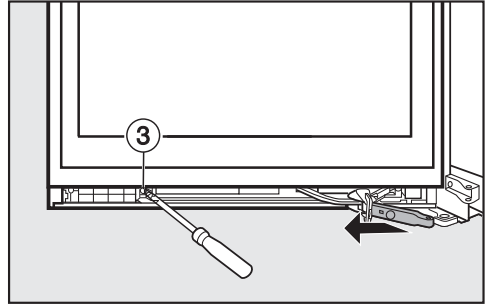


- Remove cover ① from panel ②, turn it 180°, and reinsert it on the other side.

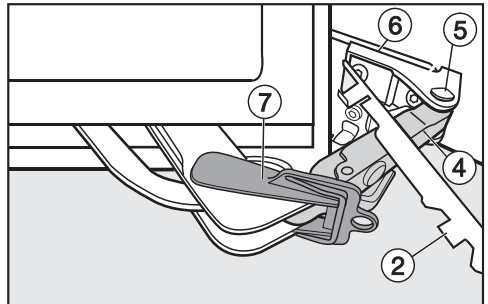


- Hook the spacer into latch (A) on the handle side.
- Hook the soft-close mechanism into latch (B) on the appliance side.

Push both parts out so that they are firmly engaged.



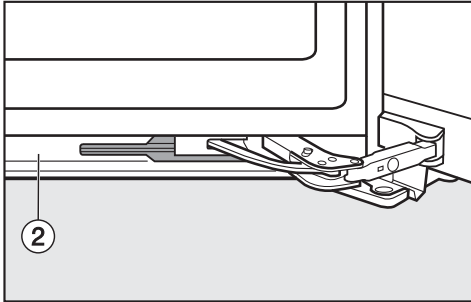
- Use screw ③ to secure the spacer and soft-close mechanism in place.



- Attach panel ② onto soft-close mechanism bracket ④.
- Pull soft-close mechanism bracket ④ toward the hinge plate and insert pin ⑤ from above so that the square sits in the depression.
- Fit cover ⑥ back into place so that it engages.

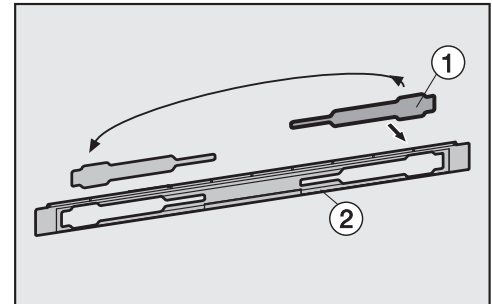
Make sure that cover ⑥ fits properly so that the door can be closed without hindrance and the pin is secured.

- Remove the safety aid ⑦.



- Align the appliance door with the appliance housing using the slots in the lower hinge plate. Then tighten the screws.

## Inserting the upper soft-close mechanism

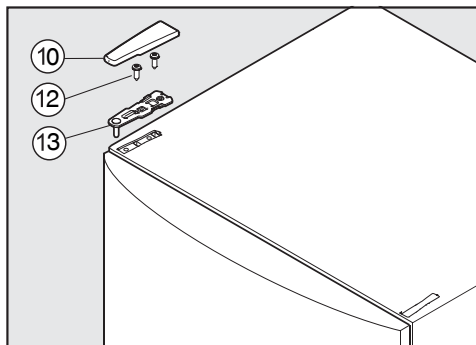
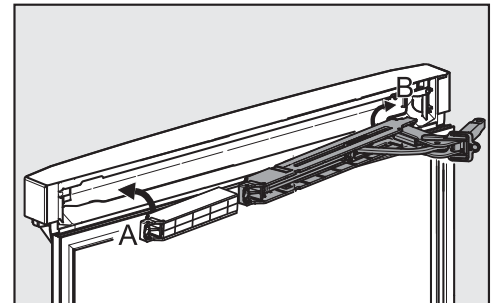


- Replace panel ② onto the soft-close mechanism from above, clicking it back into place first at the bottom and then at the top.
- Close the lower door.

- Remove cover ① from panel ②, turn it 180°, and reinsert it on the other side.

## Refitting the upper door

- Fit the upper door onto hinge pin ⑨ in the middle of the appliance.
- Close the upper door.



- Hook the spacer into latch (A) on the handle side.
- Hook the soft-close mechanism into latch (B) on the appliance side.

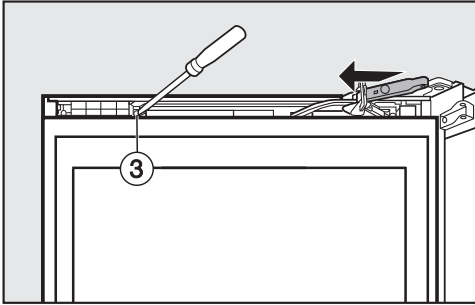
- Fit hinge plate ⑬ on the opposite side and secure it in place with screws ⑫.

**Tip:** If necessary, drill holes for the screws.

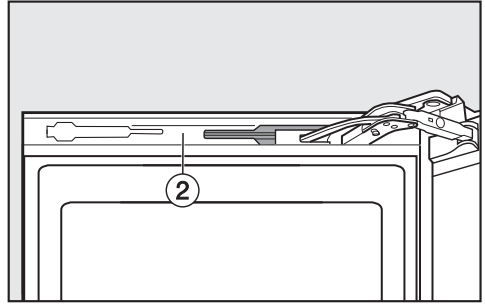
Push both parts out so that they are firmly engaged.

- Refit cover ⑩ on the opposite side.

# Installation

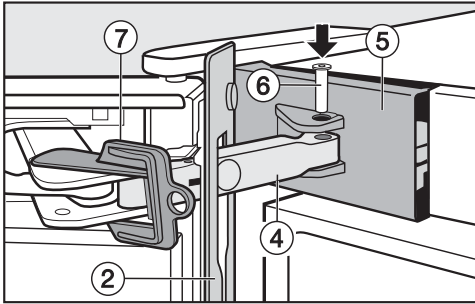


- Use screw ③ to secure the spacer and soft-close mechanism in place.



- Replace panel ② onto the soft-close mechanism from above, clicking it back into place first at the bottom and then at the top.

- Close the upper door.




- Attach panel ② onto soft-close mechanism bracket ④.
- Slide cover ⑤ on from the side so that the openings for pin ⑥ are aligned.
- Pull soft-close mechanism bracket ④ toward the hinge plate and insert pin ⑥ from above so that the square sits in the depression.
- Snap cover ⑤ completely into place.

Make sure that cover ⑤ fits properly so that the door can be closed without hindrance and the pin is secured.

- Remove the safety aid ⑦.

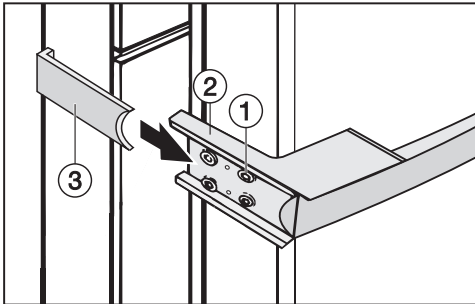


## Refitting the handle

 Risk of damage as a result of incorrect assembly.

The door seal can be damaged if the handle is fitted incorrectly.

Please make sure you follow the instructions below carefully when you refit the handle.



- Loosely attach the door handle to the opposite side with the two front screws ① to start with.

The mounting plate ② must be positioned on the door housing so that when the door is closed it is flush with the outer wall of the appliance.

- Firmly tighten all 4 screws ①.
- From the appliance side, slide the sidebar ③ into the guide on the mounting plate until it audibly clicks into place.

Make sure that the sidebar ③ does not come into contact with the door seal when the door is opened. This can cause permanent damage to the door seal.

## 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.

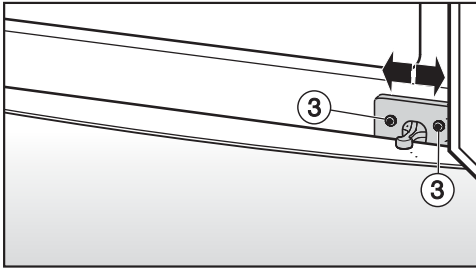
To align the lower door use the long outer slots in the lower hinge plate:

- 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.

# Installation

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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.

## Electrical connection

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

The fuse rating must be at least 10 A.

This appliance must be connected to a suitable switched socket. The electrical installation must be in compliance with current local and national safety regulations, (e.g. VDE 0100 in Germany / BS 7671 in the UK). We recommend the use of a suitable RCD .

The socket must not be concealed behind the appliance and must be easily accessible so that the appliance can be quickly disconnected from the electrical 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 miniature circuit breakers, fuses and contactors (EN 60335).

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.

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 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 electronic module. 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 performed by a qualified electrician.







## United Kingdom

Miele Co. Ltd., Fairacres, Marcham Road, Abingdon, Oxon, OX14 1TW

Tel: 0330 160 6600, Internet: [www.miele.co.uk/service](http://www.miele.co.uk/service), E-mail: [info@miele.co.uk](mailto:info@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](http://www.miele.com.au)

## China Mainland

Miele Electrical Appliances Co., 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](mailto:info@miele.cn),

Internet: [www.miele.cn](http://www.miele.cn)

## Hong Kong, China

Miele (Hong Kong) Ltd.

41/F - 4101, Manhattan Place

23 Wang Tai Road

Kowloon Bay, Hong Kong

Tel: (852) 2610 1025

Fax: (852) 3579 1404

Email:

[customerservices@miele.com.hk](mailto:customerservices@miele.com.hk)

Website: [www.miele.hk](http://www.miele.hk)

## India

Miele India Pvt. Ltd.

1st Floor, Copia Corporate Suites,  
Commercial Plot 9,

Mathura Road, Jasola,

New Delhi - 110025

E-mail: [customercare@miele.in](mailto:customercare@miele.in)

Website: [www.miele.in](http://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](mailto:info@miele.ie)

Internet: [www.miele.ie](http://www.miele.ie)

## 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

8 College Hill

Freemans Bay, Auckland 1011

New Zealand

Tel: 0800 464 353

Internet: [www.miele.co.nz](http://www.miele.co.nz)

## Singapore

Miele Pte. Ltd.

29 Media Circle

#11-04 ALICE@Mediapolis

Singapore 138565

sTel: +65 6735 1191

Fax: +65 6735 1161

E-Mail: [info@miele.com.sg](mailto:info@miele.com.sg)

Internet: [www.miele.sg](http://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](mailto:info@miele.co.za)

Internet: [www.miele.co.za](http://www.miele.co.za)

## Thailand

Miele Appliances Ltd.

BHIRAJ TOWER at EmQuartier

43rd Floor Unit 4301-4303

689 Sukhumvit Road

North Klongton Sub-District

Vadhana District

Bangkok 10110, Thailand

## United Arab Emirates

Miele Appliances Ltd.

Showroom 1

Eiffel 1 Building

Sheikh Zayed Road, Umm Al Sheif

P.O. Box 114782 - Dubai

Tel. +971 4 3044 999

Fax. +971 4 3418 852

800-MIELE (64353)

E-Mail: [info@miele.ae](mailto:info@miele.ae)

Website: [www.miele.ae](http://www.miele.ae)

**Manufacturer:** Miele & Cie. KG, Carl-Miele-Straße 29, 33332 Gütersloh, Germany

KFN 15842 D edt/cs, KFN 15943 D edt/cs

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M.-Nr. 10 758 871 / 04