

# Operating and installation instructions

## Fridge freezer



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

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## Warning and Safety instructions

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

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

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

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

### Correct application

- ▶ This 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.

- ▶ This appliance is not suitable for storing and keeping cool medicines, blood plasma, laboratory preparations or other such materials or products. Incorrect use of the appliance for such purposes can cause deterioration of the items stored. The appliance is not suitable for use in areas where there is a risk of explosion. Miele cannot be held liable for damage resulting from improper or incorrect use of the appliance.

## Warning and Safety instructions

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

### **Safety with children**

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

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

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

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

► Danger of suffocation! 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.

## Warning and Safety instructions

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### Technical safety

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



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

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

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

In the event of any damage:

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

## Warning and Safety instructions

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- ▶ 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 combustible gases building up. For every 11 g of coolant at least 1 m<sup>3</sup> of room space is required. The amount of coolant in the appliance is stated on the data plate inside the appliance.
- ▶ To avoid the risk of damage to the appliance, make sure that the connection data (fuse rating, frequency and voltage) on the data plate corresponds to the household supply. Check that this is the case before connecting the appliance. Consult a qualified electrician if in any doubt.
- ▶ The electrical safety of this appliance can only be guaranteed when correctly earthed. It is essential that this standard safety requirement is met. If in any doubt please have the electrical installation tested by a qualified electrician.
- ▶ 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.

## Warning and Safety instructions

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- ▶ The appliance must be isolated from the electricity supply during installation, maintenance and repair work.
- ▶ Unauthorised installation, maintenance and repairs can cause considerable danger for the user.  
Installation, maintenance and repairs must only be carried out by a Miele authorised technician.
- ▶ While the appliance is under guarantee, repairs should only be undertaken by a Miele authorised service technician. Otherwise the guarantee is invalidated.
- ▶ Miele can only guarantee the safety of the appliance when genuine original Miele replacement parts are used. Faulty components must only be replaced by Miele spare parts.

### Correct use

- ▶ The appliance is designed for use within a certain climate range (ambient temperatures), and should not be used outside this range. The climate range for your appliance is stated on the data plate inside the appliance. Installing it in a room with too low an ambient temperature, e.g. a garage, will lead to the appliance switching off for longer periods so that it cannot maintain the required temperature.
- ▶ Do not cover or block the air vents as this could impair the efficiency of the appliance, increase the electricity consumption and could cause damage to the components.
- ▶ If storing food which contains a lot of fat or oil in the appliance or the door, make sure that it does not come into contact with plastic components as this could cause stress cracks or break the plastic.
- ▶ Do not store explosive materials in the appliance or any products containing propellants (e.g. spray cans). Electrical components could cause flammable vapours to ignite. Danger of fire and explosion.
- ▶ Do not operate any electrical equipment (e.g. an electric ice cream maker) inside the appliance. Danger of sparking and explosion.



## Warning and Safety instructions

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- ▶ Do not store cans or bottles containing carbonated drinks or liquids which could freeze in the freezer. The cans or bottles could explode. Danger of injury and damage to the appliance.
- ▶ When cooling drinks quickly in the freezer, make sure bottles are not left in for more than one hour; otherwise they could burst, causing injury or damage.
- ▶ Never handle frozen food or the metal parts of the appliance with wet hands. Your hands may freeze to the frozen food or to the metal. Danger of frost burn.
- ▶ Do not take ice cubes out with your bare hands and never place ice cubes or ice lollies in your mouth straight from the freezer. The very low temperature of the frozen ice or lollies can cause frost burn to the lips and tongue.
- ▶ Do not refreeze partially or fully defrosted food. Consume defrosted food as soon as possible, as it will lose its nutritional value and spoil if left for too long. Defrosted food may only be re-frozen after it has been cooked.
- ▶ Observe the manufacturer's "use-by" dates and storage instructions given on food to avoid the risk of food poisoning. Storage times will depend on several factors, including the freshness and quality of the food, as well as the temperature at which it is stored.
- ▶ Only use genuine original Miele accessories and spare parts with this appliance. Using accessories or spare parts from other manufacturers will invalidate the guarantee, and Miele cannot accept liability.

## Warning and Safety instructions

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### Cleaning and care

- ▶ Do not use any oils or grease on the door seals, as these will cause the seals to deteriorate and become porous with time.
- ▶ Do not use a steam cleaning appliance to clean or defrost this appliance.  
Steam could reach electrical components and cause a short circuit.
- ▶ Sharp edged or pointed objects will damage the evaporator, causing irreversible damage to the appliance. Do not use sharp edged or pointed objects to
  - remove frost and ice,
  - separate frozen foods or remove ice trays.
- ▶ Do not place electric heaters or candles in the appliance to defrost it. These can damage the plastic parts.
- ▶ Do not use defrosting sprays or de-icers, as they could contain substances which could damage the plastic parts or which might cause the build-up of gases and pose a danger to health.

### Transporting the appliance

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

### Disposal of your old appliance

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

This way you will prevent children from accidentally locking themselves in and endangering their lives.

- Splashes of coolant can damage the eyes. Be careful not to damage any part of the pipework whilst awaiting disposal, e.g. by
- puncturing the coolant channels in the condenser,
  - bending any pipework, or
  - scratching the surface coating.

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

This information is only relevant for recycling. In normal operation there is no risk.



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

# Caring for the environment

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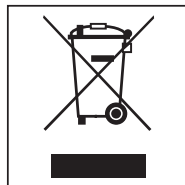
## Disposal of the packing material

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.

## Disposal of your old appliance

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



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

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

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

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

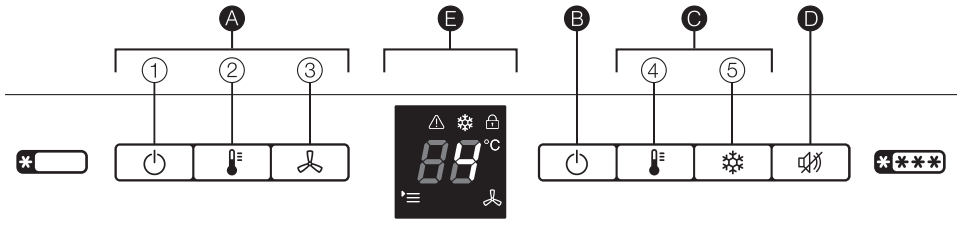
## How to save energy

	Normal energy consumption	Increased energy consumption
<b>Installation / Maintenance</b>	In a ventilated room.	In an enclosed, unventilated room.
	Protected from direct sunlight.	In direct sunlight.
	Not 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	

## How to save energy

	Normal energy consumption	Increased energy consumption
Use	Drawers and shelves arranged as they were when the appliance was delivered.	
	Only open the door when necessary and for as short a time as possible. Store food in an organised way.	Frequent opening of the door for long periods will cause a loss of coldness. The appliance will cool down and the compressor will run for longer periods.
	Take an insulated cool bag when shopping and load food in the appliance as soon as possible. Replace any food removed as quickly as possible, before it begins to thaw. Allow hot food and drinks to cool down before placing them in the appliance.	Hot food or food at room temperature raises the temperature inside the appliance. The appliance will cool down and the compressor will run for longer periods.
	Store food covered or packaged.	The evaporation or condensation of liquids will cause a loss of coldness.
	Place frozen food in the refrigerator to defrost.	
	Do not over-fill the appliance to allow air to circulate.	Poor air circulation will cause a loss of coldness.

## Control panel



### A Controls, refrigerator section

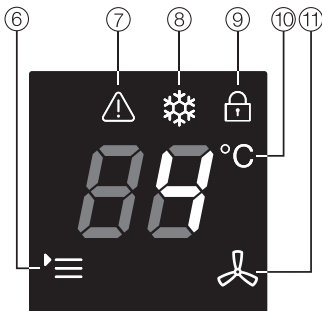
- ① On/Off switch for the refrigerator section
- ② Temperature selector button
- ③ DynaCool button (automatic temperature distribution)

### B Main On/Off switch for the whole appliance

### C Controls, freezer section

- ④ Temperature selector button
- ⑤ Super freeze button

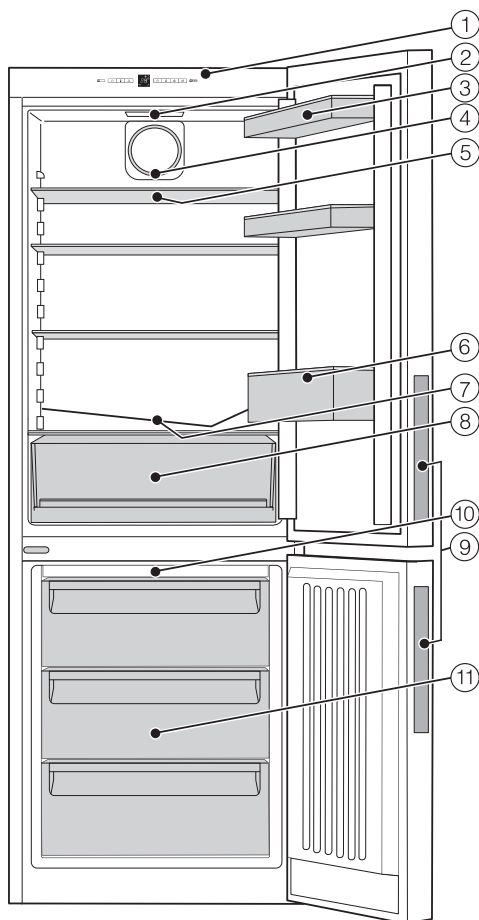
### D Alarm off button



### E Display

- ⑥ Menu symbol (Settings mode for: switching the safety lock on/off)
- ⑦ Alarm symbol
- ⑧ Super freeze symbol
- ⑨ Lock symbol
- ⑩ Temperature display
- ⑪ DynaCool symbol

# Guide to the appliance



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

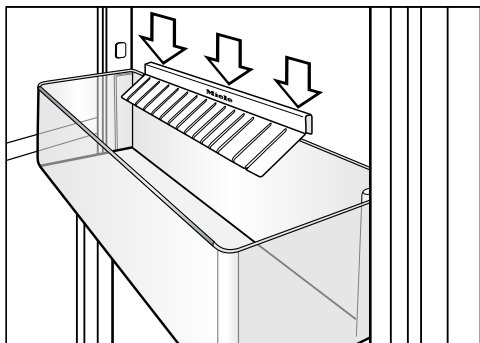
For easier installation there are transport handles on the back at the top and transport wheels underneath the appliance.

This drawing is for illustration purposes only.



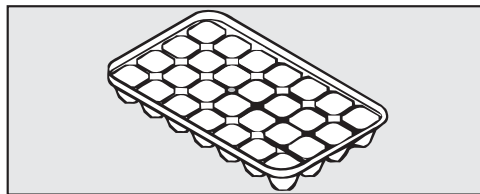
## Accessories supplied

### Bottle holder



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

### Ice cube tray

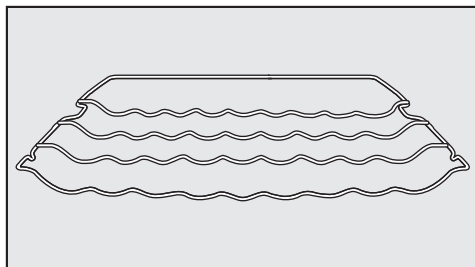


## Optional accessories

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

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

### Bottle rack



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

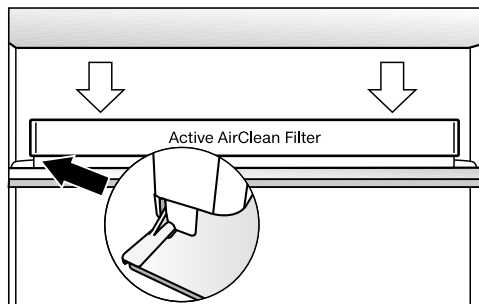
The bottle rack can be placed at different positions in the appliance.

## Accessories

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

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



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

### **KKF-RF Active AirClean replacement filters**

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

### **Multi-purpose microfibre cloth**

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

## Before using for the first time

### Packaging material

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

### Protective foil

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

- Carefully peel the protective foil off.

### Cleaning

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

- Clean the inside of the appliance and the accessories.


## Switching on

To enable the temperature to get sufficiently cold inside the appliance, allow the freezer to run for about 4 hours before placing food in the appliance.

Do not place food in the freezer until it has reached the required coldness (at least  $-18^{\circ}\text{C}$ ).

The freezer section and the refrigerator section can be switched on at the same time using the right-hand main On/Off button.


The compressor can take up to 8 minutes to switch on due to a built-in switch delay. This delay is designed to increase the lifespan of the compressor.

- Press the right-hand main On/Off button  to switch on the freezer section and the refrigerator section.

The appliance will start to cool and the temperature required will appear in the freezer section temperature display. The refrigerator section interior lighting will come on when the door is opened.

# Switching on and off

## Switching off

- To switch off the freezer section and the refrigerator section, press and hold the right-hand main On/Off button  until the display goes out.


The refrigerator section and freezer section are switched off. If this does not happen, the safety lock is still activated (see "Selecting further settings - To deactivate 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. This is useful, e.g. whilst on holiday.


If the temperature for the refrigerator is visible in the display, you can switch the refrigerator section off.

- To switch off the refrigerator section, press the left-hand On/Off button  until the display goes out.

The interior lighting and the temperature display for the refrigerator section will go out. The refrigerator section is switched off. The temperature in the freezer section is visible in the display


## Switching the refrigerator section back on again

The refrigerator section can also be switched back on again separately.

- To switch the refrigerator section on, press the left-hand On/Off button  twice.

The temperature indicator for the refrigerator section lights up. The refrigerator section will start to cool and the interior lighting will come on when the appliance door is opened.

## Switching off for longer periods of time

 If, during a long absence, the appliance is switched off but not cleaned and the door(s) left shut, there is a danger of mould building up inside the appliance. It is essential to clean the appliance.

If the appliance is not going to be used for a longer period of time, e.g. whilst on holiday:

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

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

The temperature in the appliance will rise:

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

### **. . . in the refrigerator section**

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


### **. . . in the freezer section**

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

# The correct temperature

## Temperature display

In normal operation the temperature display either shows the **required temperature in the refrigerator section** or the **required temperature in the freezer section**.

**Tip:** To switch between temperature displays, press the relevant button for selecting the temperature  of the section you wish to view.

The **displayed temperature will flash**, if a different temperature is set.

The **required temperature in the freezer section temperature display and the alarm symbol  will flash:**

- If the temperature is not within the normal temperature display range.
- If the temperature in the appliance has risen by several degrees, indicating that the appliance is warming up too much. At the same time an alarm will sound.

This short-term loss of coldness is no cause for concern in the following circumstances:


- If the appliance doors were left open or for longer than usual, e.g. when a large amount of food is being loaded or taken out.
- If you have just placed fresh food in the appliance for freezing.


If the temperature in the freezer remains above  $-18^{\circ}\text{C}$  for a long time, check that the frozen food has not started to defrost. If it has, check that the food is safe to use and if it is, then use it as soon as possible.

### Setting the temperature in the refrigerator / freezer sections

The temperature can be adjusted:

- in the refrigerator section from 3 °C to 9 °C
- in the freezer section from -16 °C to -26 °C.

The temperatures for the refrigerator section and the freezer section can be adjusted using the relevant button for setting the temperature .

- Press the button for setting the temperature  repeatedly until the temperature you want lights up in the temperature display.

The first time you press the button the last temperature set will flash in the display.

The temperature value will change until the highest setting is reached. It will then drop back to the lowest setting.

After a short while the newly selected temperature is set and will appear in the temperature display.

The refrigerator section temperature set will now light up. The temperature set for the freezer section will now flash until the temperature has been reached.

The temperature in the appliance will now adjust slowly to the newly set temperature.

**Tip:** If you have adjusted the temperature, **wait for approx. 6 hours if the appliance is not very full and for approx. 24 hours if the appliance is full** before checking the temperature display. It will take this long for 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 freeze and Dynamic cooling

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## Super freeze function

Switch on Super freeze before putting fresh food into the freezer.

This helps food to freeze quickly and retain its nutrients, vitamins, flavours and appearance.

### Exceptions:


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


The Super freeze function can be switched on if the temperature in the freezer section is visible in the temperature display.

## Switching on Super freeze


The Super freeze function should be switched on **6 hours before placing food in the freezer section**. When freezing the **maximum amount of food** the Super freeze function should be switched on **24 hours beforehand**.

The compressor can take up to 8 minutes to switch on due to a built-in switch delay. This delay is designed to increase the lifespan of the compressor.



- Press the Super freeze button  briefly.

The Super freeze  symbol lights up. The appliance will work at full power to lower the temperature in the freezer section.

## Switching off Super freeze

The Super freeze function will switch itself off automatically after approx. 65 hours. The Super freeze  symbol will go out and the appliance will run at normal power again.

To save energy, you can switch the Super freeze function off yourself before this time.

- Press the Super freeze button  until the Super freeze symbol  goes out.

The appliance will continue running at normal power.



# Using Super freeze and Dynamic cooling

## DynaCool function

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

However, if you are placing a large amount of food in the refrigerator at any one time, e.g. for a party, it is a good idea to switch on Dynamic cooling. 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 with the temperature control.


DynaCool should also be selected when:

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

The DynaCool function can be switched on if the temperature in the refrigerator section is visible in the temperature display.



## Switching on DynaCool

- Briefly press the DynaCool button .

The DynaCool  symbol lights up. The fan will switch on automatically.

## Switching off DynaCool

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


- Press the DynaCool button  until the DynaCool symbol  goes out.

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

# Temperature and door alarm

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


## Temperature alarm


If the temperature in the freezer becomes too warm, the temperature display and the alarm symbol  will flash. An audible alarm will also sound.

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

Audible and visual signals will be activated, for example,

- when the appliance is switched on if the temperature in the appliance differs greatly from the set temperature,
- if a lot of room air enters the freezer when food is being loaded, rearranged or taken out,
- when freezing large amounts of food at once,
- when freezing fresh food which is still warm,
- in the event of a power cut,
- if the appliance has a fault.

The alarm will stop and the alarm symbol  will go out when the temperature reaches the correct level again. The temperature display will light up again constantly.

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

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

## Door alarm

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


It will stop as soon as the door is closed.

## Switching the alarm off early

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

- Press the Alarm off button .

The alarm will stop.

If the alarm is due to the temperature rising, the alarm symbol  will stay on until the set temperature has been reached.

### Settings mode

Certain settings on the appliance can only be selected in settings mode.

Activating or deactivating the lock	c
Setting Sabbath mode	5


Settings mode is represented in the display by the menu symbol '≡.

The procedure for accessing settings mode and for changing settings is described below.


#### Activating or deactivating the lock


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

##### – To activate the lock


- Press the Super freeze button  for approx. 5 seconds.

The menu symbol '≡ lights up and 5 flashes in the display.  
Settings mode is now activated.


- Press the button for setting the temperature  repeatedly until c flashes in the display for the freezer section.

- Press the Super freeze button  briefly to access the lock function.

c1 will appear in the display.


- Press the Super freeze button  briefly to activate the lock.


The lock symbol  lights up.

- Press the Main On/Off button  for the freezer section to exit Settings mode.


The temperature will appear in the display.


##### – To deactivate the lock

- Press the Super freeze button  for approx. 5 seconds.


The lock symbol  and the Menu symbol '≡ will light up and 5 will start flashing in the display.

Settings mode is now activated.


- Press the button for setting the temperature  repeatedly until c flashes in the display for the freezer section.

- Press the Super freeze button  briefly to access the lock function.

c1 will appear in the display.

- Press the Super freeze button  briefly to deactivate the lock.

The lock symbol  will go out.

- Press the Main On/Off button  for the freezer section to exit Settings mode.

The temperature will appear in the display.

# Selecting further settings

## Setting Sabbath mode

⚠ After an interruption to the power supply the appliance will continue to operate in Sabbath mode.  
Check the quality of the food. Do not consume any defrosted food.

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

The following are switched off:

- the interior lighting when the door is opened,
- all acoustic and visual signals,
- the temperature display,
- the Super freeze and DynaCool functions (if previously selected).

The SuperFreeze button ❄ for turning off Sabbath mode can be selected.

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

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

## – Setting Sabbath mode

- Press the Super freeze button ❄ for approx. 5 seconds.

The menu symbol '≡ lights up and 5 flashes in the display.  
Settings mode is now activated.

- Press the SuperFreeze button ❄ briefly to access the "Sabbath mode" function.

57 will appear in the display.

- Press the SuperFreeze button ❄ briefly to confirm the setting.

Sabbath mode is switched on.

- Press the Main On/Off button ⏻ to exit Settings mode,

## – Exiting Sabbath mode

- Press the SuperFreeze button ❄ briefly to access the "Sabbath mode" function.

- Press the SuperFreeze button ❄ briefly to confirm the setting.

The menu symbol '≡ lights up and 5 flashes in the display.  
Settings mode is now activated.

- Press the Main On/Off button ⏻ to exit Settings mode,

Sabbath mode is switched off.

## Storing food in the refrigerator section



**Danger of explosion.**

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



If storing food which contains a lot of fat or oil in the appliance or the appliance door, make sure that it does not come into contact with plastic components as this could cause stress cracks or break the plastic.

Make sure that no oil or grease leaks onto the plastic parts of the appliance. This can cause the plastic to crack and break.

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

### Warmest area

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

### Coldest area

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

Use this for all delicate and highly perishable food, e.g.

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

### Different storage zones

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

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

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

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

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

# Storing food in the refrigerator section

---

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

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

Food which does not tolerate cold temperatures includes:

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

## When shopping for food

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

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

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

## Storing food correctly

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

## Fruit and vegetables

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

## Protein rich food

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

## Adjusting the interior fittings (refrigerator section)

### Adjusting the door shelf / bottle shelf

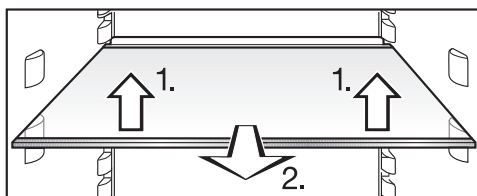
Danger of injury.

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

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

### Moving the shelves

Stoppers prevent the shelves from being dislodged by mistake.

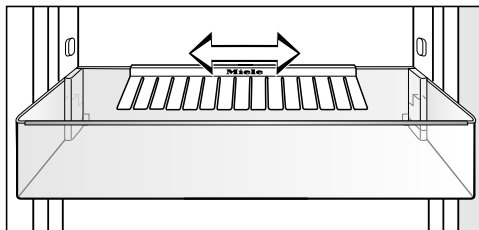


- The shelves can be adjusted according to the height of the food. Raise the shelf upwards slightly at the front and then pull it out.

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.

- Replace it on the level you want.

### Adjusting or removing the bottle holder



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

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

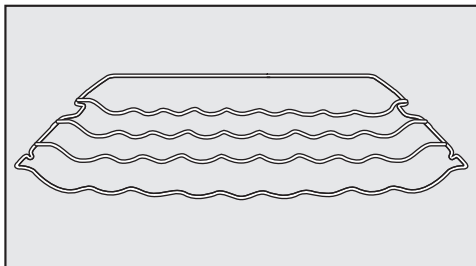
- Pull the bottle holder upwards to remove it from the rear edge of the bottle shelf.

The bottle holder can be replaced after cleaning.

## Adjusting the interior fittings (refrigerator section)

### Adjusting the bottle rack

The bottle rack is available as an optional accessory (see "Accessories - optional accessories").



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

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

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

Stoppers prevent the bottle rack from being dislodged by mistake.

### Moving the charcoal filters

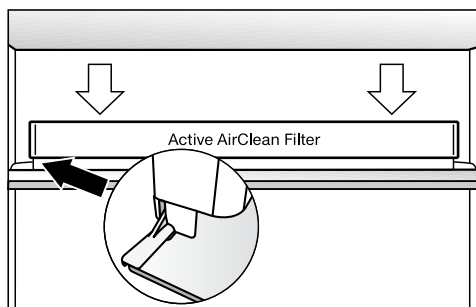
Charcoal filters and a KKF-FF (Active AirClean) holder are available as optional accessories (see "Accessories - optional accessories").

With very strong smelling food (e.g. very ripe cheese):

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

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

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



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



## Maximum freezing capacity

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

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

## Freezing fresh food

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

Food which takes a long time to freeze will lose more water from its cells, which then shrink. During the defrosting process, only some of this water is reabsorbed by the cells; the rest collects around the food.


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

## Storing frozen food

When buying frozen food to store in your freezer, check

- that the packaging is not damaged,
- the use-by date,
- the temperature at which the frozen food is being stored in the shop. The length of time it can be kept is reduced if it has been stored at a temperature warmer than -18 °C.

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

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

# Freezing and storing food

## Home freezing

Only freeze fresh food which is in a good condition.

### Hints on home freezing

- The following types of food **are suitable** for freezing:  
Fresh meat, poultry, game, fish, vegetables, herbs, fresh fruit, dairy products, cakes, leftovers, egg yolks, egg whites and a range of pre-cooked meals.
- The following types of food **are not suitable** for freezing:  
Grapes, lettuce, radishes, sour cream, mayonnaise, eggs in their shells, onions, whole raw apples and pears.
- To retain colour, taste, aroma and vitamin C, vegetables should be blanched after they have been trimmed and washed. To blanch: bring a large saucepan of water to the boil, immerse the vegetables in the fast boiling water for 2–3 minutes, depending on variety. Remove, and plunge into ice-cold water to cool quickly. Drain and pack ready for freezing.
- Lean meat freezes better than fatty meat, and can be stored for considerably longer.
- To prevent chops, steaks, cutlets or rolled meat from freezing together in solid blocks when packed, separate with a sheet of plastic freezer film.
- Do not season fresh foods or blanched vegetables before freezing. Only season cooked food lightly

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

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

### Packaging

- Freeze food in portions.

### Suitable packing material

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

### Unsuitable packing material

- wrapping paper
- grease-proof paper
- cellophane
- bin bags
- plastic carrier bags
- Expel as much air as possible from the packaging.
- Close the packaging tightly with
  - rubber bands
  - plastic clips
  - string or bag ties
  - freezer tape.

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

# Freezing and storing food


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

## Before placing food in the appliance

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

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

## Placing food in the freezer section

 Do not exceed the maximum load of 25 kg in each freezer drawer.

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

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

## - Freezing small amounts of food

Place the food in the upper freezer drawers.

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

## - Freezing the maximum amount (see data plate)

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

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

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

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

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

### Once frozen:

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

# Freezing and storing food

## Storage time for frozen food

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

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

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

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

## Defrosting

Frozen food can be defrosted in different ways:

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

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

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

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

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

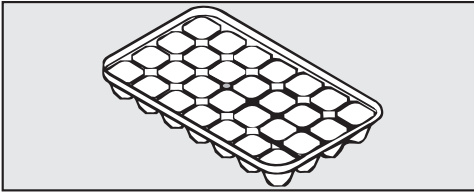
⚠ Never re-freeze partially or fully defrosted food. Consume defrosted food as soon as possible as it will lose its nutritional value and spoil if left for too long. Defrosted food may only be re-frozen after it has been cooked.

### Cooling drinks quickly

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

### Using accessories

#### Ice cubes



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

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

### Adjusting the interior fittings

#### Removing the drawers from the freezer section

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

You can also increase the amount of space needed for freezing large items such as a turkey or large piece of game by removing a freezer drawer.

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

# 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, as it will defrost and evaporate automatically with the warmth generated by the compressor.

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




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


## Freezer section

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

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

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

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

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

Do not use a steam cleaning appliance to clean the appliance.

Cleaning water must not get into the drain hole.

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

### Cleaning agents

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

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

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

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

The following pages contain important information on cleaning.

## Cleaning and care

### Preparing the appliance for cleaning

- Switch the appliance off.

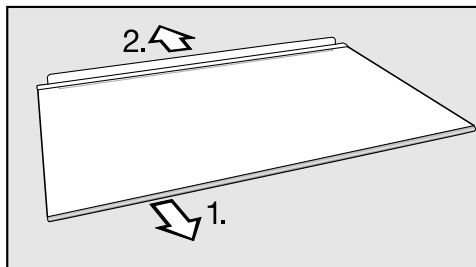
The display goes out and cooling is switched off.

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

- Disconnect it from the mains.
- Take any food out of the appliance and store it in a cool place.
- Remove the shelves and bottle shelf from the door.
- Take out the freezer drawers.
- Take out all other removable parts for cleaning.

### Dismantling an adjustable shelf

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



- Before cleaning the shelf remove the plastic trim and protective strip at the back of the shelf as follows:
  1. First pull the plastic trim off, starting from one side.
  2. Then pull the protective strip off.
- After cleaning the shelf reattach the plastic trim and the protective strip.




## Cleaning the interior and accessories

Clean the appliance at least once a month.

Remove soiling immediately to prevent it from drying on.

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


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

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

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

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

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

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

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

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

## Cleaning and care

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

If soiling is left on for any length of time, it may become impossible to remove.

Surfaces may suffer discolouration or damage.

Therefore it is best to remove soiling from the appliance door and side panels immediately.

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

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

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

### Stainless steel appliances

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



**Do not use stainless steel cleaning agent** on CleanSteel surfaces. It will damage them.


**Do not use Miele stainless steel conditioning agent** on these surfaces. This will cause noticeable smearing.

### Cleaning the ventilation gaps

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


- The ventilation gaps should be cleaned on a regular basis with a brush or vacuum cleaner (e.g. use the dusting brush for Miele vacuum cleaners)

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

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

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

### Cleaning the door seals

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

Condensate will build up in the interior and this can cause a build-up of ice.

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

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

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

### After cleaning

- Replace all shelves and accessories in the appliance.
- Reconnect to the mains and switch the appliance back on.
- Switch on the Super freeze function for a while so that the freezer section can cool down quickly.
- 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  $-18^{\circ}\text{C}$  or colder press the Super freeze button to switch the Super freeze function off.

## Cleaning and care

### Replacing the charcoal filters

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

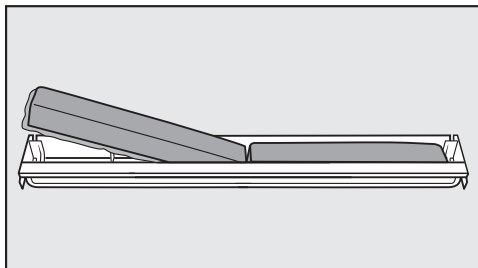
Replace the charcoal filters in the holder every 6 months.

Replacement KKF-RF charcoal filters can be obtained from your Miele dealer, Miele or via the internet at [www.miele-shop.com](http://www.miele-shop.com).

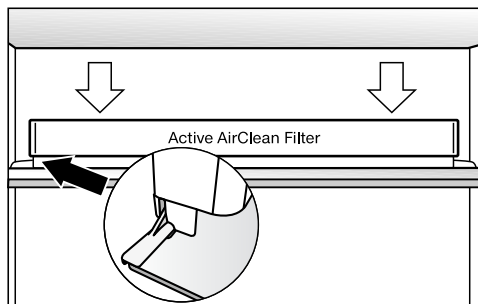
The charcoal filter holder is dishwasher-proof.

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

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



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



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

Some minor problems can be corrected without contacting Miele.

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

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



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

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

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




## What to do if ...

Problem	Cause and remedy
	<p>The doors are not properly closed. A thick layer of ice may have formed in the freezer.</p> <p>■ Close the appliance doors.</p>
	<p>The required temperature will re-establish itself after a while.</p>
	<p>If a thick layer of ice has formed, it will reduce efficiency and increase the energy consumption.</p> <p>■ Defrost the appliance and clean it.</p>
	<p>The ambient temperature is too high. The higher the room temperature, the longer the compressor will run for.</p> <p>■ See "Installation - Location".</p>
	<p>The temperature setting is too low.</p> <p>■ Adjust the temperature.</p>
	<p>A large amount of food is being frozen at once.</p> <p>■ See "Freezing and storing food".</p>
	<p>The Super freeze function is still switched on.</p> <p>■ You can switch off the Super freeze function earlier to save energy.</p>
<p><b>The compressor comes on less and less often and for shorter periods of time. The temperature in the appliance rises.</b></p>	<p>This is not a fault. The set temperature is too high.</p> <p>■ Adjust the temperature.</p> <p>■ Check the temperature again after 24 hours.</p>
	<p>The food begins to defrost.</p> <p>The room temperature is lower than the ambient temperature for which the appliance is designed. Operating in a room which is too cold will cause the compressor to switch off for too long, causing the freezer to become too warm.</p> <p>■ See "Installation - Location".</p> <p>■ Increase the temperature of the room.</p>
<p><b>The door seal is damaged and needs to be replaced.</b></p>	<p>No tools are required to change the door seal.</p> <p>■ Change the door seal. These are available from Miele.</p>

Problem	Cause and remedy
<b>Ice or condensation has built up inside the appliance.</b>	The door seal has come out of its groove. ■ Check that the door seal is correctly seated in the groove.
	The door seal is damaged. ■ Check whether the door seal is damaged.



# What to do if ...

## Display warnings

Message	Cause and remedy
<b>The alarm symbol  and the temperature display are flashing.</b>	<p>The temperature in the appliance is too warm. This could be due to, for example:</p> <ul style="list-style-type: none"><li>– the door being opened too frequently,</li><li>– a large quantity of fresh food being placed in the freezer at once without switching on the Super freeze function.</li><li>– a lengthy interruption to the power supply.</li></ul> <p>■ Rectify the cause of the alarm.</p> <p>The alarm will stop and the alarm symbol  will go out when the temperature reaches the correct level again.</p> <p>■ Depending on the temperature displayed, you should check the condition of food in the freezer. If it has defrosted or started to defrost, check that it is still safe to use and, if so, use it as soon as possible. Defrosted food may only be re-frozen after it has been cooked.</p>
<b>"FD to FG" appears in the display.</b>	<p>There is a fault.</p> <p>■ Call the Miele Service Department.</p>
<b>The  symbol lights up in the display, the appliance does not get cold, although the controls and the interior lighting are working.</b>	<p>Demo mode is switched on. This allows the appliance to be presented in the showroom without the cooling system being switched on. Do not activate this setting for domestic use.</p> <p>■ Contact the Miele Service Department for information on deactivating Demo mode.</p>



## The interior lighting is not working.

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

## What to do if ...

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### Other problems

Problem	Cause and remedy
<b>The door to the freezer will not open because it has been opened and closed too many times in succession.</b>	This is not a fault. The suction caused by opening and closing the door is preventing the door from opening. Wait approx. 1 minute and then try again. It should now open without force.
<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 warmth created by the evaporator is used to prevent condensation.

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.

## After Sales / Guarantee

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### After sales service

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

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

See end of this booklet for contact details. 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.

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

This information is given on the data plate inside your appliance.

### Guarantee: U.K.

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

### Guarantee: Other countries

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

See end of this booklet for contact details.

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

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

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

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

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

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

Do not plug in other appliances behind this appliance.

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

Do not connect the appliance to an inverter such as those used with an autonomous energy source e.g. **solar power**. When switched on, peak loads in the system can cause the safety switch-off mechanism to be triggered. This can damage the electronic unit. The appliance must not be used with so-called **energy-saving devices** either. These reduce the amount of energy supplied to the appliance, causing it to overheat.

If the mains cable needs to be replaced this must be done by a suitably qualified person.

# Installation



**Fire risk and danger of damage!**  
Appliances which give off heat, such as toasters, mini-ovens or double burner hobs, can catch fire.  
Do not place them on top of this refrigeration appliance.

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



**In environments with high humidity** condensation can build up on the external appliance panels. This can lead to corrosion of the panels.

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

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

## Location

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

When deciding where to install your refrigerator 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 be aware:

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

## Climate range


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

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

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

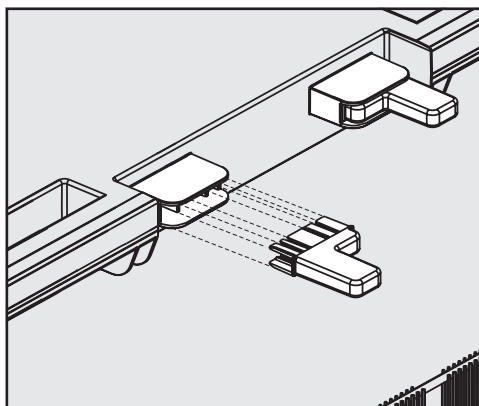
## Ventilation

Air at the back of the appliance gets warm.

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

## Fitting wall spacers supplied

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



- Fit the wall spacers onto the back of the appliance in between the transport handles.

# Installation

## Installation

⚠ Two people are required for installing the appliance.

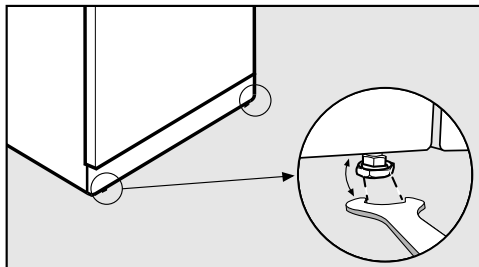
⚠ The appliance must be empty when it is installed.

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

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

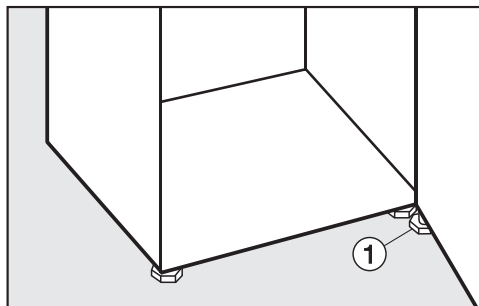
- Prepare the appliance for installation as close as possible to its intended installation location.
- Release the mains cable from the back of the appliance.
- Remove the cable clip from the back of the appliance.
- Move the appliance carefully to its intended installation location.
- Position the appliance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

## Aligning the appliance



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

## Levelling the appliance door



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

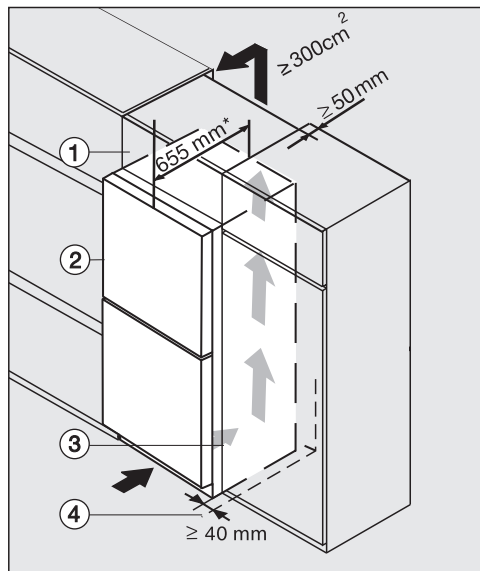


## Building the appliance into a kitchen run

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

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

It is essential to observe the ventilation gaps given.



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

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

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

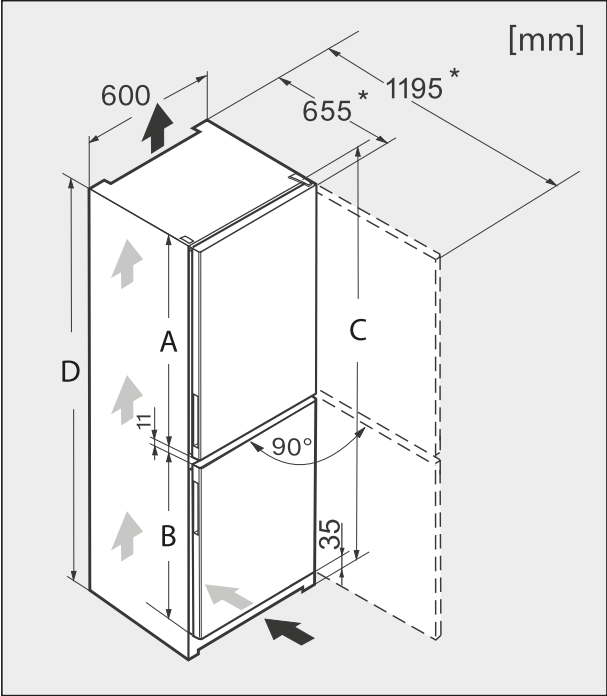
When installed next to a wall ④ a distance of at least 40 mm must be maintained on the hinge side between the wall ④ and the appliance ②.

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 appliance behind the whole width of the top box for air to circulate.
- The cross-section of the air inlet and outlet under the ceiling must be at least 300 cm<sup>2</sup> to ensure that air can circulate without obstruction.

# Installation

## Appliance dimensions





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


	A [mm]	B [mm]	C [mm]	D [mm]
KFN 28132 D ws	1051	750	1861	1850
KFN 28132 D edt/cs	1051	750	1861	1850
KFN 28133 D ws	1051	750	1861	1850
KFN 28133 D edt/cs	1051	750	1861	1850
KFN 29132 D ws	1201	750	2011	2000
KFN 29132 D edt/cs	1201	750	2011	2000
KFN 29133 D ws	1201	750	2011	2000
KFN 29133 D edt/cs	1201	750	2011	2000

## Changing the door hinging

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

 Disconnect the appliance from the power supply before changing the door hinging!

 Two people are needed for changing the door hinging.

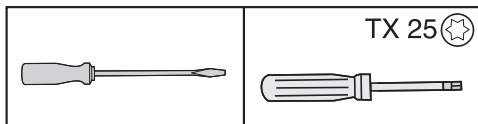
 If a door seal is damaged or if it has come out of the groove, the door will not close properly and cooling performance will be reduced.

Condensate will build up in the interior and this can cause a build-up of ice.

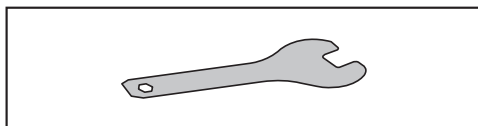
Do not damage the door seals and ensure that they do not come out of their groove.

### Preparation

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

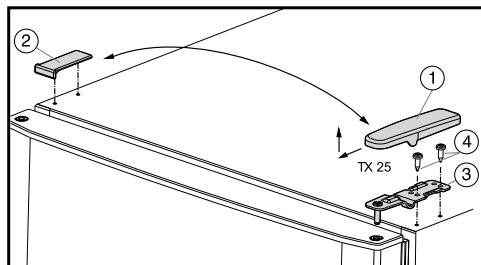


The following tool is supplied:



- 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.

# Changing the door hinging



- Pull cover ① forwards and then lift it off.
- Remove cover ②.

## Caution!

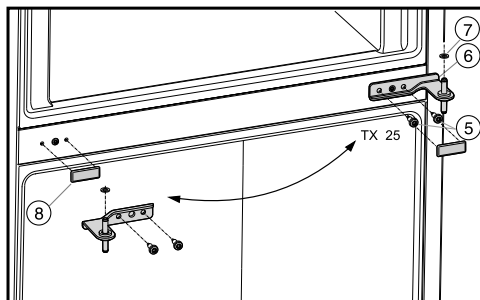
The appliance door is not secure once the screws in the hinge plate have been removed. The door must be held by a second person.

- Undo the screws ④ and remove the hinge plate ③.
- Lift the upper door off and place it carefully to one side.

- Open the lower door.

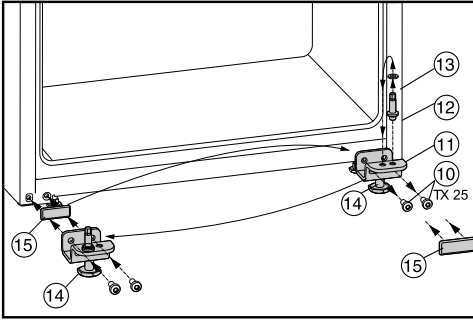
## Caution!

The appliance door is not secure once the screws in the hinge plate have been removed. The door must be held by a second person.



- Undo the screws ⑤ and remove the hinge plate ⑥. Then pull it out of the bearing bush in the lower door.
- Remove plastic disc ⑦.
- Lift lower door off and place it carefully to one side.
- Carefully lever cover ⑧ off.
- Refit cover ⑧ on the opposite side.
- Turn hinge plate ⑥ through 180° and refit on the opposite side.
- Refit the plastic disc ⑦ on the hinge pin.

## Changing the door hinging



- Undo the screws ⑩ and remove lower hinge plate ⑪ together with hinge pin ⑫, plastic disc ⑬ and the adjustable foot ⑭.
- Unscrew the hinge pin ⑫ together with plastic disc ⑬, and screw back into the opposite hole in the hinge plate.
- Carefully remove cover ⑮ and refit on the opposite side.
- Screw the lower hinge plate ⑪ together with hinge pin ⑫, plastic disc ⑬ and the adjustable foot ⑭ in on the opposite side.
- Lower the lower door onto the hinge pin ⑫.
- Close the appliance door.
- Fit hinge plate ⑥ turned through 180° into the bearing bush in the lower door. Important! Make sure the plastic disc ⑦ is fitted back on the hinge pin.
- Then screw the hinge plate ⑥ on securely with screws ⑤.
- Place the upper door onto the hinge pin from above.
- Fit hinge plate ③ turned through 180° into the bearing bush in the upper door.
- Then screw the hinge plate on securely with screws ④.
- Fit cover ① back onto the opposite site. It will click into position.
- Fit cover ② back onto the opposite site. It will click into position.
- Unscrew adjustable foot ⑭ from the lower hinge plate until it sits on the floor.



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