


Operating and installation instructions

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

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

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

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

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

Correct application

- ▶ This appliance is intended for use in domestic households and similar working and residential environments. It is not intended for outdoor use.
- ▶ It must only be used as a domestic appliance to store deep frozen food, freeze fresh food and to make 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.

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

Safety with children

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

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

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

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

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

Technical safety

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

Warning and Safety instructions



R600a

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

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

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

In the event of any damage:

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

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

Warning and Safety instructions

- ▶ 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.
- ▶ Do not use in a damp or wet environment (e.g. garage or utility room). Moisture could reach live components or the electrical connection and cause a short circuit.
- ▶ This appliance must not be used in a non-stationary location (e.g. on a ship).
- ▶ Do not use a damaged appliance. It could be dangerous. Check the appliance for visible signs of damage.
- ▶ The appliance must be isolated from the electricity supply during installation, maintenance and repair work.
- ▶ Unauthorised installation, maintenance and repairs can cause considerable danger for the user.
Installation, maintenance and repairs must only be carried out by a Miele authorised technician.

Warning and Safety instructions

- ▶ While the appliance is under guarantee, repairs should only be undertaken by a Miele authorised service technician. Otherwise the guarantee is invalidated.
- ▶ Miele can only guarantee the safety of the appliance when genuine original Miele replacement parts are used. Faulty components must only be replaced by Miele spare parts.

Correct use

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

Warning and Safety instructions

- ▶ 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.

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.

Warning and Safety instructions

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,

Warning and Safety instructions

- bending any pipework, or
- scratching the surface coating.

Symbol on the compressor (depending on model)

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



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

Caring for the environment

Disposal of the packing material

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

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

Disposal of your old appliance

Electrical and electronic 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.

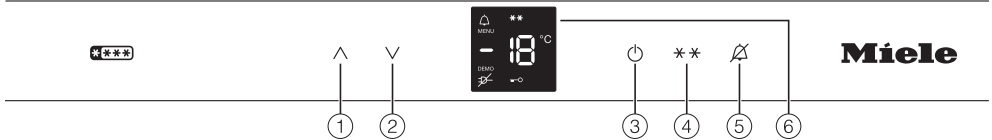
How to save energy

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

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 works harder to cool down and the compressor runs for longer periods.
	Take an insulated cool bag when shopping and load food in the appliance as soon as possible. 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 works harder to cool down and the compressor runs for longer periods.
	Store food well packaged.	The evaporation or condensation of liquids will cause a loss of coldness.
	Do not over-fill the appliance to allow air to circulate.	Poor air circulation will cause a loss of coldness.

Control panel

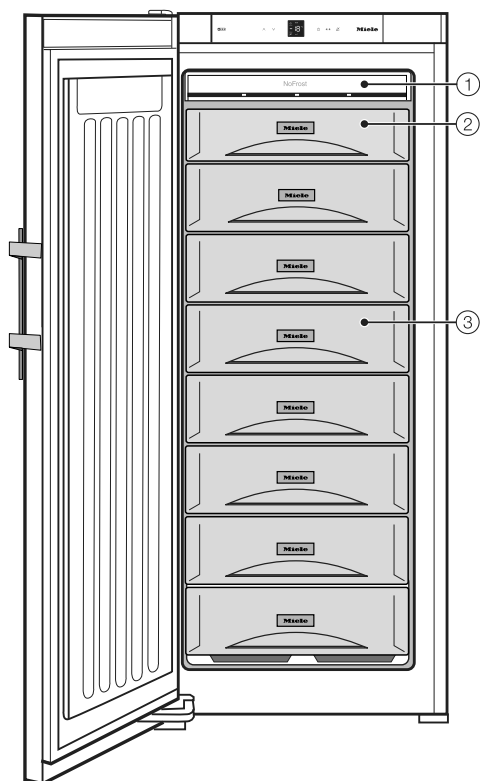


- ① For setting the temperature (∧ for warmer)
- ② For setting the temperature (∨ for colder)
- ③ For switching the appliance on and off
- ④ For switching the Super freeze function on and off
- ⑤ For switching the door or temperature alarm off
- ⑥ Display with temperature and symbols (symbols only visible during use; see table for explanation of symbols)

Symbols in the display

Symbol		Function
	Alarm	Flashes when the temperature has dropped too low
	Super freeze	Lights up when Super freeze function is switched on
	Safety lock	Lights up when the lock is activated
	Power failure	Flashes during a power cut
DEMO	Demo mode	Demo mode has been activated. Call Service.
MENU	Settings menu	Lights up when settings are being made

Guide to the appliance



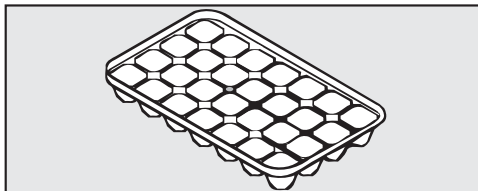
- ① NoFrost module
- ② Top freezer drawer, can also be used as a freezing tray
- ③ Freezer drawers

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

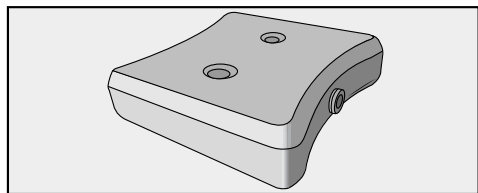
This drawing is for illustration purposes only.

Accessories supplied

Ice cube tray



Cool pack



The cool pack prevents the temperature in the freezer rising too quickly in the event of an interruption to the power supply. This can help prolong the storage time.

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.

Side-by-side fitting kit

For installing two appliances next to each other.

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.

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

Switching on and off

Before using for the first time

Packaging material

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

Protective foil

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

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

Cleaning and care

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

- Clean the inside of the appliance and the accessories.

Connecting the appliance

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

Operating the appliance

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

Switching on




- Touch the On/Off sensor until the temperature display lights up.

If the word DEMO appears in the display, demo mode is active. Please call Miele Service.

The appliance will start cooling.

If the temperature inside the appliance is above 0° C, bars will flash in the display.

The alarm symbol  will also flash in the display, until the temperature has dropped sufficiently low in the freezer.

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.


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

Switching off




- Touch the On/Off sensor.

The temperature display will go out.

If this does not happen, the safety lock  is still activated (see "Selecting further settings - To activate/deactivate the lock").

The cooling system will be switched off.

Switching off for longer periods of time

 If, during a long absence, the appliance is switched off but not cleaned and the door(s) left shut, there is a 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,
- defrost the freezer section,
- clean the appliance and
- leave the door(s) ajar to air the appliance and avoid odours building up inside the appliance.

The correct temperature

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

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 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.

Temperature display

In normal operation the temperature display shows **the temperature in the warmest part of the freezer**.

If the temperature in the freezer is above 0° C, bars will flash in the display.

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

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

Setting the temperature

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



- Touch this sensor to lower the temperature.



- Touch this sensor to increase the temperature.

The temperature being set will flash in the display.

The following information can be viewed in the display when the sensors are touched:

- Touching a sensor once: the **last temperature selected** flashes.
- Each subsequent touch of the sensor: adjusts the temperature shown in 1 °C steps.
- Leaving 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.

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 reset it.

Temperature range

The temperature can be adjusted from -14 °C to -28 °C.

The ambient room temperature and the installation location can affect the time it takes for the appliance to reach the coldest temperature. If the room temperature is too high, the appliance may not be able to reach the lowest temperature.

Using Super freeze

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.

Super freeze is not necessary:

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

Switching on Super freeze

When freezing small quantities of food in the freezer, the Super freeze function should be switched on **6 hours beforehand**. When freezing **the maximum amount of food**, the Super freeze function should be switched on **24 hours beforehand**.



- Touch the Super freeze sensor.

The Super freeze symbol ** will light up in the display.

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. 30 - 65 hours. The quantity of fresh food placed in the freezer will determine the duration before the Super freeze function switches off. The Super freeze symbol ** will go out and the appliance will run at normal power again.

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




- Touch the Super freeze sensor.

The Super freeze symbol ** in the display will go out.

The appliance will continue running at normal power.

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 and the alarm symbol  will flash in the display. An 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, re-arranged 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 as soon as the reason for the alarm has been resolved. The temperature display will also stop flashing.

 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.


Switching the temperature alarm off early

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



- Touch the sensor for switching off the temperature alarm.

The alarm will stop.

The alarm symbol  will continue to flash until the reason for the alarm has been resolved.

Temperature and door alarm

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 door alarm off early

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



- Touch the sensor for switching off the door alarm.

The alarm will stop.

Temperature display brightness

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

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

To change the brightness of the temperature display



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

The MENU symbol will appear in the display, ϵ will be flashing.



- Keep touching one of the temperature setting sensors until you see h in the display.



- Touch the Super freeze sensor again.



- You can now adjust the brightness of the temperature display using the sensors for altering the temperature. You have a choice between settings h 0 to h 5.



- Touch the Super freeze sensor to save your setting.

The brightness is now set to this new value.



- To come out of settings mode touch the On/Off sensor, or wait for approx. 5 minutes and the electronics will automatically revert to normal operation.

Selecting further settings

Safety lock

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

To activate the lock



- Touch the Super freeze sensor for approx. 5 seconds.


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



- Touch the Super freeze sensor again.

ϵ 1 will appear in the display.

- To activate the lock confirm the ϵ 1 setting by touching the Super freeze sensor again.
- If you want to cancel the process touch the On/Off sensor twice.

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



- To come out of settings mode touch the On/Off sensor, or wait for approx. 5 minutes and the electronics will automatically revert to normal operation.

To deactivate the lock




- Touch the Super freeze sensor for approx. 5 seconds.

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



- Touch the Super freeze sensor again.
 ϵ 0 will appear in the display.
- To deactivate the lock confirm the ϵ 0 setting by touching the Super freeze sensor again.
- If you want to cancel the process touch the On/Off sensor twice.

The lock symbol  in the display will go out when the lock has been deactivated.



- To come out of settings mode touch the On/Off sensor, or wait for approx. 5 minutes and the electronics will automatically revert to normal operation.

Maximum freezing capacity

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

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

Freezing fresh food

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

Food which takes a long time to freeze will lose more water from its cells, which then shrink. During the defrosting process, only some of this water is re-absorbed 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.

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.

Freezing and storing food

- 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.

- 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 some time before placing the food in the freezer (see "Super freeze").

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

Freezing and storing food

Placing food in the appliance

⚠ The following maximum loading weights must not be exceeded:

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

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

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

- Freezing small amounts of food

Place the food to be frozen in the lower freezer drawers.

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

- Freezing the maximum amount (see data plate)

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

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

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

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

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

Once frozen:

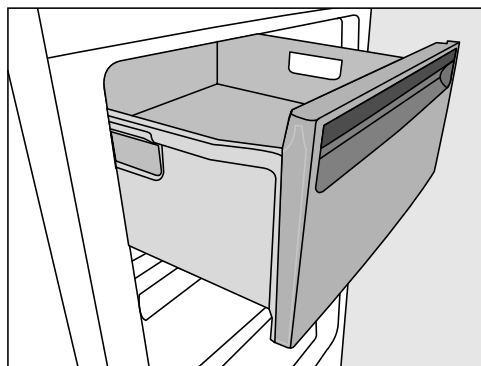
- Place the frozen food in the freezer drawer and push it back in.

Freezing and storing food

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.



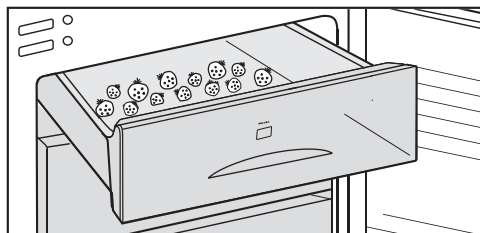
- Pull out the drawers as far as they will go, and then lift them up and out.
- Lift the glass plate slightly, pull it forwards and out.

Freezer tray

The top freezer drawer in your appliance can be used as a freezer tray.

The freezer tray can be used to effectively freeze small items such as berries, herbs, vegetables etc.

The food keeps its shape and generally does not freeze together in a lump.



- Space the food out loosely on the tray.

Leave to freeze for 10 to 12 hours. Then fill in freezer bags or containers and place in the freezer drawers.

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.

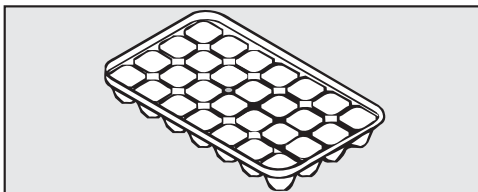
Freezing and storing food

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

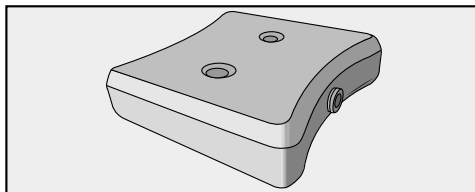


- Fill the ice cube tray three quarters full of water and place it on the bottom of one of the freezer drawers.
- Once frozen, use a blunt instrument, for example a spoon handle, to remove the ice tray from the freezer if it is stuck.

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.

Cool pack

The cool pack prevents the temperature in the freezer rising too quickly in the event of an interruption to the power supply. This can help prolong the storage time.



- Place the cool pack in the top freezer drawer.

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

In the event of an interruption to the power supply:

- 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.

Tip: The cool pack can also be used in a cool bag to keep food or drinks cool for a short period of time.


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.

Cleaning and care

 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.

Preparing the appliance for cleaning

- Switch the appliance off.

The temperature shown in the display will go out and the cooling system switches off.

- Disconnect the appliance from the mains. Switch off at the wall and withdraw the plug from the socket, or switch off at the mains fuse board.
- Take any food out of the appliance and store it in a cool place.
- Take the drawers and glass cold plates out for cleaning.
- Take out all other removable parts for cleaning.

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.

Cleaning and care

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

- all drawers and the compartment lid (depending on model)
- the cool pack
- 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 adjustable shelves (with the trim and strips removed)
- the ice cube tray

- 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 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 and care

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 the freezer drawers with the frozen food back in the freezer section and close the door.
- When the temperature in the freezer section is a constant -18 °C or colder press the Super freeze button to switch the Super freeze function off.

What to do if ...

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 door while waiting for the appliance to be serviced.



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

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




Problem	Cause and remedy
The appliance is not cooling	The appliance has not been switched on. ■ Switch the appliance on.
	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. ■ Insert the mains plug into the mains socket and the plug connector into the appliance socket correctly and switch on.
	Check whether the mains fuse has tripped. There could be a fault with the appliance, the household electrical wiring or another electrical appliance. ■ Contact a qualified electrician or Miele.
The compressor runs continuously.	This is not a fault. To save energy, the compressor runs at a lower speed, but for longer, when less cooling is required.

Problem	Cause and remedy
<p>The compressor is switching on more frequently and for longer periods of time, so the temperature in the appliance is dropping.</p>	<p>The ventilation gaps have been covered or become too dusty.</p> <ul style="list-style-type: none"> ■ Do not block the ventilation gaps. ■ Dust the ventilation gaps regularly.
	<p>The appliance door has been opened too frequently, or a large amount of fresh food has been placed in the appliance for freezing at the same time.</p> <ul style="list-style-type: none"> ■ Only open the door when necessary and for as short a time as possible. <p>The required temperature will re-establish itself after a while.</p>
	<p>The door is not properly closed. A thick layer of ice may have formed in the freezer.</p> <ul style="list-style-type: none"> ■ Close the appliance door. <p>The required temperature will re-establish itself after a while.</p> <p>If a thick layer of ice has formed, it will reduce efficiency and increase the energy consumption.</p> <ul style="list-style-type: none"> ■ Defrost the appliance and clean it.
	<p>The ambient temperature is too high. The higher the room temperature, the longer the compressor will run for.</p> <ul style="list-style-type: none"> ■ See "Installation - Location".
	<p>The temperature setting is too low.</p> <ul style="list-style-type: none"> ■ Adjust the temperature.
<p>The compressor is switching on more frequently and for longer periods of time, so the temperature in the appliance is dropping.</p>	
	<p>The Super freeze function is still switched on.</p> <ul style="list-style-type: none"> ■ You can switch off the Super freeze function earlier to save energy.



What to do if ...

Problem	Cause and remedy
The compressor comes on less and less often and for shorter periods of time. The temperature in the appliance rises.	<p>This is not a fault. The set temperature is too high.</p> <ul style="list-style-type: none"> ■ Adjust the temperature. ■ Check the temperature again after 24 hours.
	<p>The food begins to defrost. 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> <ul style="list-style-type: none"> ■ See "Installation - Location". ■ Increase the temperature of the room.
Ice or condensation has built up inside the appliance.	<p>The door seal has come out of its groove.</p> <ul style="list-style-type: none"> ■ Check that the door seal is correctly seated in the groove.
	<p>The door seal is damaged.</p> <ul style="list-style-type: none"> ■ Check whether the door seal is damaged.
Frost has accumulated on the front panel of the NoFrost module.	<p>This is not a fault. Condensation has settled on the panel and frozen. This could be due to:</p> <ul style="list-style-type: none"> – the appliance door being opened too often, or being left open. – a large amount of food is being frozen at once. – an increase in humidity levels in the room. <ul style="list-style-type: none"> ■ Keep the door closed as much as possible. The NoFrost system will automatically defrost the layer of ice over the next few days.

Display warnings

Message	Cause and remedy
DEMO lights up in the display, the appliance does not get cold, although the appliance controls are working.	<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>■ Call Service.</p>
The alarm symbol  is flashing in the temperature display together with the temperature value. An alarm is also sounding.	<p>The temperature in the freezer has risen higher or fallen lower than the temperature which has been set. This could be due to:</p> <ul style="list-style-type: none"> – the appliance door being opened too often, – a large quantity of fresh food being placed in the freezer at once without switching on the Super freeze function. – a lengthy interruption to the power supply. – a fault with the appliance. <p>■ Rectify the cause of the alarm.</p> <p>The alarm symbol  will go out, and the buzzer will stop.</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 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 it is, use it as soon as possible. Defrosted food may only be re-frozen after it has been cooked.</p>
 is lit up in the display and the appliance cannot be used.	<p>The safety lock has been activated.</p> <p>■ Deactivate the lock (see "Selecting further settings - Activating or deactivating the lock").</p>

What to do if ...

Message	Cause and remedy
<p>The power failure symbol  appears in the display.</p> <p>The temperature display will also show the warmest temperature recorded in the freezer during the interruption to the power supply or power cut.</p>	<p>The temperature in the appliance in the previous days or hours has risen too high because of a power cut or interruption to the power supply.</p> <p>The appliance will go back to the last temperature setting when the power is back on.</p>  <p>■ Touch the sensor for switching off the temperature alarm.</p> <p>The warmest temperature display will go out. The display will then revert to showing the actual temperature in the freezer.</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 it is, use it as soon as possible. Defrosted food may only be re-frozen after it has been cooked.</p>
<p>"F0 to F9" appears in the display.</p>	<p>There is a fault.</p> <p>■ Call the Miele Service Department.</p>

Other problems

Problem	Cause and remedy
Food has frozen together.	The food packaging was not dry when placed in the freezer. ■ Use a blunt instrument, e.g. a spoon handle or plastic scraper, to prise it apart carefully.
The door to the freezer will not open because it has been opened and closed too many times in succession.	This is not a fault. The suction caused by opening and closing the door is preventing the door from opening. Wait approx. 1 minute and then try again. It should now open without force.
A buzzer is sounding.	The door alarm has been activated. ■ Close the appliance door. The buzzer will stop.
An LED indicator light is flashing at the back of the appliance at the bottom near the compressor (depending on model).	This is not a fault. The electronic unit for the compressor is equipped with an operation and fault diagnosis LED indicator light which flashes every 15 seconds (depending on model).
The external walls of the appliance feel warm.	This is not a fault. The warmth created by the evaporator is used to prevent condensation.
The door seal is damaged and needs to be replaced.	No tools are required to change the door seal. ■ Change the door seal. These are available from Miele.

Noises

Normal noises	What causes them
Brrrrr ...	A humming noise is made by the motor (compressor). This noise can get louder for brief periods when the motor switches on.
Blubb, blubb ...	A gurgling noise can be heard when coolant is circulating through the pipes.
Click ...	Clicking sounds are made when the thermostat switches the motor on and off.
Sssrrrrr ...	On multi-zone or frost-free appliances you can sometimes just hear the sound of the fan inside the appliance.
Crack ...	A cracking sound can be heard when materials expand inside the appliance.
Remember that the noise of the compressor and the coolant circulating in the system is unavoidable.	
Noises that you can easily rectify	Cause and remedy
Rattling, vibrating	The appliance is uneven. Realign the appliance using a spirit level, by raising or lowering the screw feet underneath the appliance.
	The appliance is touching another appliance or piece of furniture. Move it away.
	Drawers, baskets or shelves are unstable or sticking. Check all removable items and refit them correctly.
	Bottles or containers are touching each other. Separate them.

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.

Guarantee: Other countries

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

See end of this booklet for contact details.

Electrical connection

The appliance must only be connected using the connection cable supplied (AC 220-240 V 50 Hz supply). A longer connection cable is available from Miele.

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 installed, 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).

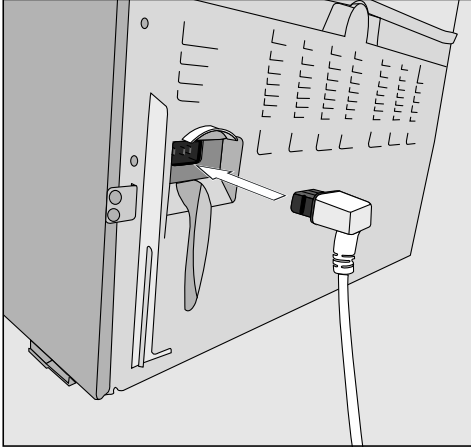
The plug and mains connection cable must not come into contact with the back of the appliance as vibrations can cause damage to these components. This, in turn, could result in a short circuit.

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.

Connecting the appliance




- Insert the plug connector into the socket at the back of the appliance.

Make sure that the plug connector has clicked into position correctly.

- Insert the mains plug into the mains socket and switch on.

The appliance is now connected to the mains electricity supply.

Installation

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


This appliance has side-wall heating and can be installed side-by-side with another refrigeration appliance. Please ask your dealer for details of suitable combination appliances.

Location

This appliance should not be installed where it is exposed to direct sunlight or directly adjacent to a heat-producing appliance such as an oven or a radiator. The higher the ambient temperature of the room, the longer the compressor will run for and the higher the energy consumption. The appliance should be installed in a dry, well ventilated room.

When installing the appliance, please be aware:

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

 **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.

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

Climate range

The appliance is designed for use within a certain climate range (ambient temperature) and should not be used outside this range.

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

The climate range 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

A freezer from the SN climate range can operate without any difficulties in rooms with a cooler ambient temperature (down to +5 °C).

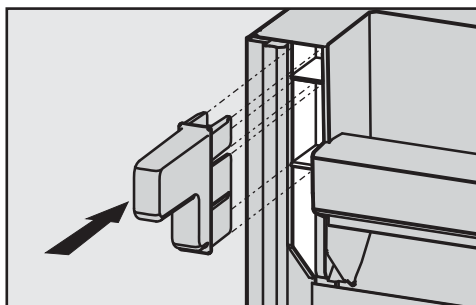
Ventilation

Air at the back of the appliance gets warm.

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

Fitting wall spacers supplied

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



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

Installation

Installation

⚠ Two people are required for installing the appliance.

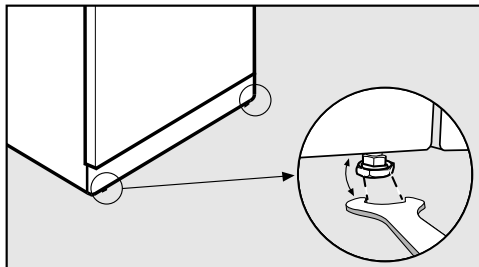
⚠ The appliance must be empty when it is installed.

⚠ 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.

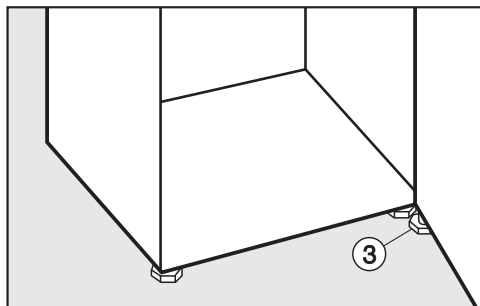
- Prepare the appliance for installation as close as possible to its intended installation location.
- Connect the appliance to the electricity supply as described in "Electrical connection".
- Move the appliance carefully to its intended installation location.
- Position the appliance with the wall 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



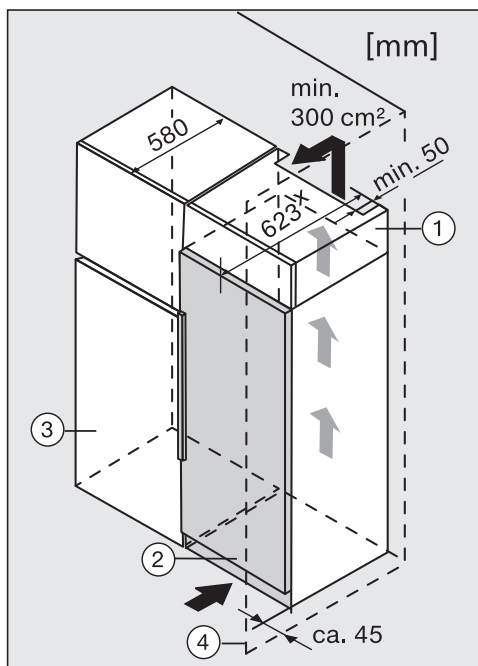
- **Ensure** that you unscrew adjustable foot ③ from the lower hinge plate until it sits on the floor. Then unscrew the foot by a further quarter turn.

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 Appliance
- ③ Housing unit
- ④ Wall

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

The appliance can be installed in a run of kitchen units (standard cabinets, max. depth 580 mm) or next to a kitchen cabinet. The appliance front will stand proud of the adjacent furniture by 65 mm (or approx. 100 mm if wall spacers have been fitted).

Installation

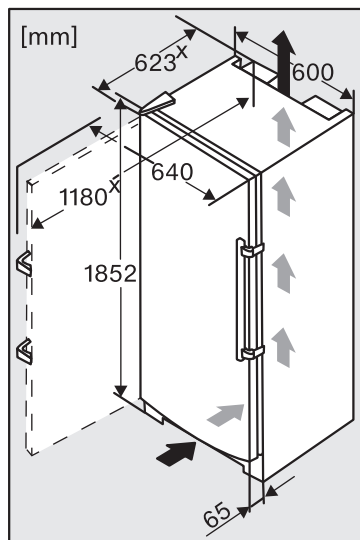
This is to ensure that the door can open and close without hindrance. To align the refrigeration appliance with adjoining furniture a suitable top box ① can be installed above it.

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

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

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

Installation dimensions



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

Changing the door hinging

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

Do not change the hinging if this appliance is going to be installed side-by-side with another refrigeration appliance.



Two people are needed for changing the door hinging.



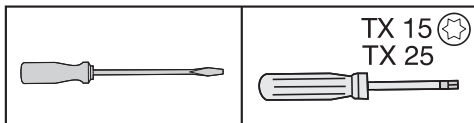
If a door seal is damaged or if it has come out of the groove, the door will not close properly and cooling performance will be reduced.

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

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

Preparation

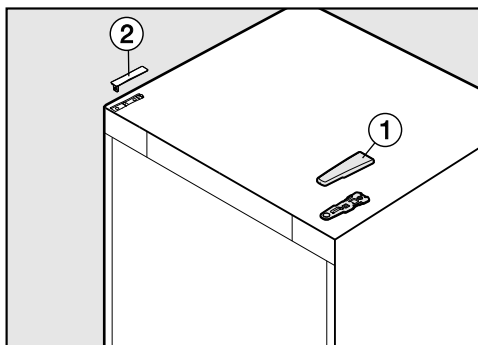
To change the door hinging, you will need the following tools:



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

Removing the top covers

- Close the appliance door.



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



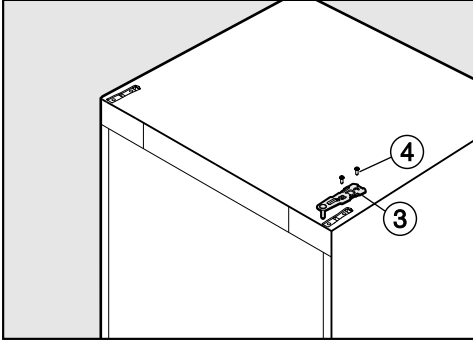
Danger of injury when removing the appliance door.

The appliance door is not secure once the hinge plate has been removed.

The door must be held by a second person.

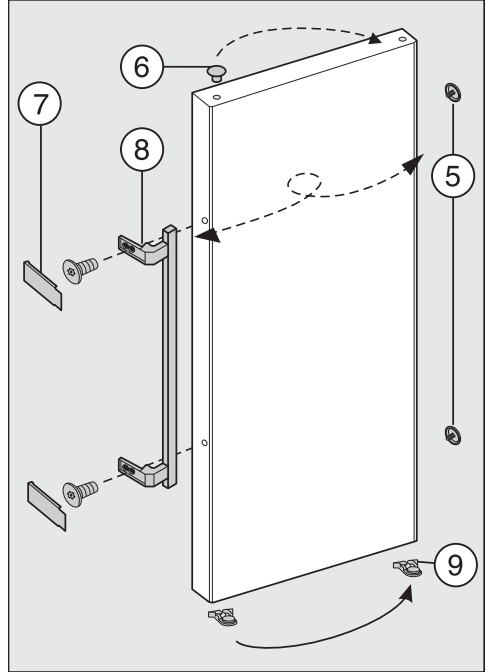
Changing the door hinging

Removing the door



- Loosen screws ④ in hinge plate ③ and pull it upwards and off.
- Carefully lift appliance door off and place carefully to one side.

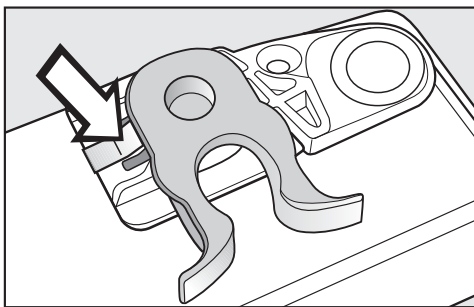
Changing the handle over



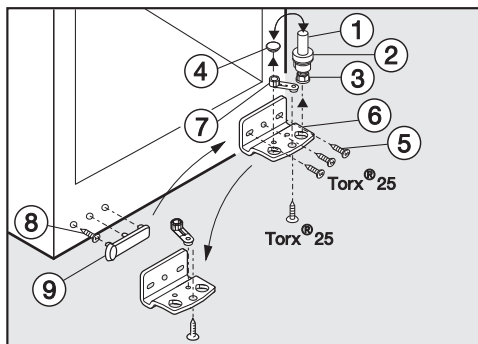
- Take stoppers ⑤ out of the door bearings in the appliance door.
- Remove stopper ⑥ from the top of the door and refit it on the opposite side of the door.
- Remove covers ⑦ from handle ⑧, then unscrew the handle and refit all these parts on the opposite side of the door.
- Take care when refitting covers ⑦ that they click into position correctly.
- Refit stoppers ⑤ on the opposite side of the door.

Changing the door hinging

- To change over the spring clamp ⑨ press down on the catch and pull the spring clamp forwards:

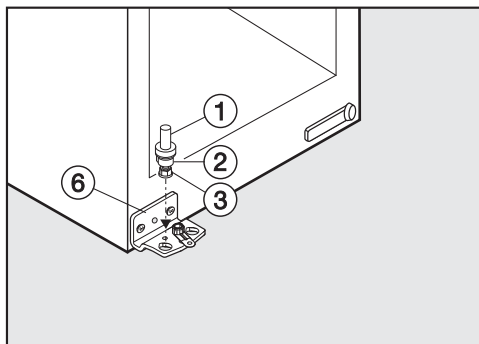


Changing the lower hinge plate over



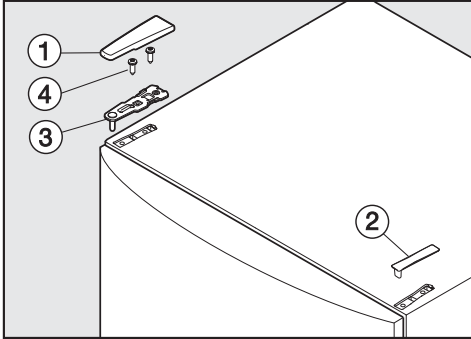
- Pull hinge pin ① complete with washer ② and adjusting foot ③ upwards to remove.
- Remove stopper ④.
- Undo the screws ⑤ and remove the hinge plate ⑥.
- Loosen the screw for the door closing aid ⑦ in hinge plate ⑥. Refit the door closing aid ⑦ in the hole on the other side of the hinge plate and then tighten the screw up again.
- Insert stopper ④ into the other hole.

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



- Screw hinge plate ⑥ securely into position on the new hinge side.
- Refit the entire hinge pin ①, including the washer ② and adjustable foot ③. Important! The tab on the hinge pin must still face downwards.
- Place door ① onto the hinge pin from above.
- Close the appliance door.

Inserting the upper hinge plate



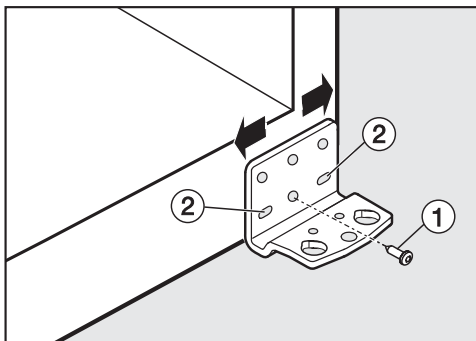
- Fit hinge plate ③ on the opposite side and secure it with screws ④. If necessary drill pilot holes for the screws or use a battery operated screwdriver.
- Replace covers ① and ② on the opposite side.
- Align the door with the appliance housing using the long slots in the lower hinge plate. Then tighten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

Aligning the appliance door

The appliance door can be aligned with the appliance housing after it has been fitted.

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

To align the appliance door use the 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.

United Kingdom

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

Australia

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

China

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

Miele (Hong Kong) Limited

41/F - 4101, Manhattan Place
23 Wang Tai Road
Kowloon Bay, Hong Kong
Tel: (852) 2610 1025, Fax: (852) 3579 1404
Email: customerservices@miele.com.hk
Website: www.miele.hk

India

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

Ireland

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

Manufacturer: Miele & Cie. KG

Carl-Miele-Straße 29, 33332 Gütersloh, Germany

Miele

Malaysia

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

New Zealand

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

Singapore

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

South Africa

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

United Arab Emirates

Miele Appliances Ltd.
Gold & Diamond Park
Office No. 217-6, Sheikh Zayed Road
P.O. Box 11 47 82 - Dubai
Tel. +971 4 3044 999
Fax. +971 4 3418 852
800-MIELE (64353)
E-Mail: info@miele.ae
Website: www.miele.ae

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