

Uputstvo za upotrebu (EN)

MIELE zamrzivač FN 28262 edt/cs



Miele



Tehnoteka je online destinacija za upoređivanje cena i karakteristika bele tehnike, potrošačke elektronike i IT uređaja kod trgovinskih lanaca i internet prodavnica u Srbiji. Naša stranica vam omogućava da istražite najnovije informacije, detaljne karakteristike i konkurentne cene proizvoda.

Posetite nas i uživajte u ekskluzivnom iskustvu pametne kupovine klikom na link:


<https://tehnoteka.rs/p/miele-zamrzivac-fn-28262-edtcs-akcija-cena/>

Operating and installation instructions Freezer



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

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Warning and Safety instructions

This refrigeration appliance complies with current local and national safety requirements. However, inappropriate use can lead to personal injury and damage to property.

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

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

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

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

Correct application

► This appliance is designed for domestic use and for use in similar environments by guests in hotel or motel rooms, bed & breakfasts and other typical living quarters. This does not include common/shared facilities or commercial facilities within hotels, motels or bed & breakfasts.

This appliance is not suitable for outdoor use.

► This appliance is intended 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.

Warning and Safety instructions

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

▶ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision and instruction concerning its use by a person responsible for their safety. They may only use the appliance unsupervised if its operation has been clearly explained to them and they are able to use it safely and are able to understand and recognise the possible dangers caused by incorrect operation.

Safety with children

- ▶ Young children must not be allowed to use this appliance.
- ▶ Older children may only use the appliance when its operation has been clearly explained to them and they are able to use it safely, recognising the dangers of misuse.
- ▶ Cleaning work may only be carried out by older children under the supervision of an adult.
- ▶ Please supervise children in the vicinity of the appliance and do not let them play with it.
- ▶ Danger of suffocation! Children may be able to wrap themselves in packing material (e.g. foil) or pull it over their head with the risk of suffocation. Keep packaging material away from children.

Warning and Safety instructions

Technical safety

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



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

The use of this refrigerant has, however, led to a slight increase in the noise level of the appliance. In addition to the noise of the compressor, you might be able to hear the refrigerant flowing around the system. Unfortunately, these effects cannot be avoided, but they do not affect the performance of the refrigeration appliance. When transporting and installing the refrigeration appliance, ensure that no parts of the cooling circuit are damaged. Splashes of refrigerant can damage the eyes.

In the event of any damage:

- Avoid naked flames or anything which creates a spark.
- Disconnect the refrigeration appliance from the mains electricity supply.
- Ventilate the room in which the appliance is located for several minutes.
- Call Miele.

Warning and Safety instructions

▶ The more refrigerant there is in a refrigeration appliance, the larger the room should be in which it is installed. In the event of a leakage, if the appliance is in a small room, there is the danger of a combustible gas/air mixture building up. For every 8 g of refrigerant, at least 1 m³ of room space is required. The amount of refrigerant in the refrigeration 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.

▶ Temporary or permanent operation with a self-sufficient or non-mains synchronous energy supply system (e.g. isolated networks, back-up systems) is possible. A requirement for the operation is that the energy supply system complies with all current local and national requirements that apply to stand-alone, solar and/or battery systems.

The protective measures provided in the installation and in this Miele product must also be assured in their function and operation in isolated operation or in non-mains synchronous operation, or replaced with equivalent measures in the installation.

▶ If the connection cable is faulty, it must only be replaced by a Miele approved service technician in order to avoid a hazard.

▶ Do not connect the appliance to the mains electricity supply by a multi-socket unit or an extension lead. These do not guarantee the required safety of the appliance (e.g. danger of overheating).

Warning and Safety instructions

- ▶ If moisture gets into electrical components or into the mains connection cable, it could cause a short circuit. Therefore, do not operate this refrigeration appliance in areas which are exposed to moisture (e.g. in a garage or laundry).
- ▶ This appliance must not be installed and operated in mobile installations (e.g. on a ship).
- ▶ Do not use a damaged appliance. It could be dangerous. Check the appliance for visible signs of damage.
- ▶ During installation, maintenance and repair work, the appliance must be disconnected from the mains electricity supply. It is only completely isolated from the electricity supply when:
 - the mains circuit breaker has been switched off, or
 - the screw-out fuse is removed (in countries where this is applicable), or
 - it is switched off at the wall socket and the plug is withdrawn from the socket. Do not pull the mains connection cable but the mains plug to disconnect your appliance from the mains electricity supply.
- ▶ Repairs and other work by unqualified persons could be dangerous. Maintenance work and repairs to electrical appliances must only be carried out by a Miele authorised technician.
- ▶ The manufacturer's warranty will be invalidated if the appliance is not repaired by a Miele authorised technician.
- ▶ Faulty components must only be replaced with genuine Miele original spare parts. Miele can only guarantee the safety standards of the appliance when Miele spare parts are used.
- ▶ In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the appliance and its surroundings clean at all times. Any damage caused by cockroaches or other vermin will not be covered by the warranty.

Warning and Safety instructions

▶ This refrigeration appliance is supplied with a special lamp to cope with particular conditions (e.g., temperature, moisture, chemical resistance, abrasion resistance and vibration). This lamp must only be used for the purpose for which it is intended. The lamp is not suitable for room lighting. Replacement lamps may only be fitted by a qualified electrician or a Miele authorised technician. This refrigeration appliance contains several light sources with at least energy efficiency class G.

Correct use

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

▶ To ensure proper air flow in and out of the appliance, the ventilation gaps in the appliance and built-in structure must not be covered or blocked in any way. This would also increase the energy consumption and could cause damage to the appliance.

▶ If storing food which contains a lot of fat or oil in the appliance or the appliance door, make sure that it does not come into contact with plastic components as this could cause stress cracks or break the plastic. Make sure that no fat or oil leaks onto the plastic parts of the appliance.

▶ Risk of fire and explosion! Do not store any explosive materials or products containing flammable propellants (e.g. spray cans) in the refrigeration appliance. Electrical components can cause flammable mixes of gases to ignite.

▶ Danger of explosion! Do not operate any electrical equipment (e.g. an electric ice cream maker) inside the appliance. Danger of sparking and explosion.

Warning and Safety instructions

- ▶ Risk of injury and damage! Do not store cans or bottles containing carbonated drinks or liquids which could freeze in the freezer section. Otherwise they could burst, causing injury or damage.
- ▶ Risk of injury and damage! When chilling drinks in the freezer section, make sure that bottles are not left in for more than one hour. Otherwise they could burst, causing injury or damage.
- ▶ Danger of injury! Never handle frozen food or the metal parts of the appliance with wet hands. Your hands may freeze to the frozen food or to the metal.
- ▶ Danger of injury! Do not take ice cubes out with your bare hands and never place ice cubes or ice lollies in your mouth straight from the freezer zone. The very low temperature of the frozen goods can cause frost burn to the lips and tongue.
- ▶ Do not refreeze thawed or partially thawed food. Defrosted food should be used up as quickly as possible, as food soon loses its nutritional value and goes off. Defrosted food may only be refrozen after it has been cooked.
- ▶ Food stored for too long may present a risk of food poisoning. Storage times will depend on several factors, including the freshness and quality of the food, as well as the temperature at which it is stored. Follow the instructions given on the food manufacturer's packaging regarding storage conditions and use-by dates.

Stainless steel appliances

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

Accessories and spare parts

- ▶ Only use original Miele accessories. Using spare parts or accessories from other manufacturers will invalidate the warranty, and Miele cannot accept liability.
- ▶ Miele will guarantee to supply functional spare parts for a minimum of 10 years and up to 15 years following the discontinuation of your refrigeration appliance.

Cleaning and care

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

Warning and Safety instructions

Transport

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

Disposal of your old appliance

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

Symbol on the compressor (depending on model)

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



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

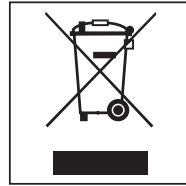
Disposal of the packing material

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

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

Disposing of your old appliance

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



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

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

This is to ensure that refrigerant in the pipework and oil in the compressor are contained and will not leak out into the environment.

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

Saving energy

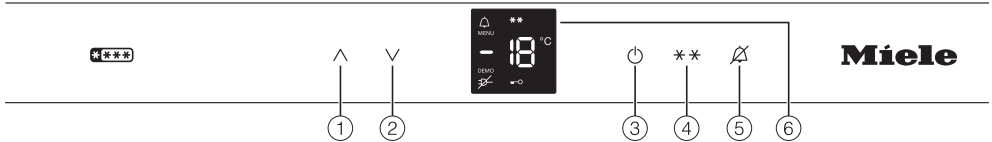
	Normal energy consumption	Increased energy consumption
Installation/ Maintenance	In a ventilated room.	In an enclosed, unventilated room.
	Protected from direct sunlight.	In direct sunlight.
	Not situated near a heat source (radiator, oven).	Situated near a heat source (radiator, oven).
	Where the ideal ambient room temperature is approx. 20 °C.	Where the ambient room temperature is above 25 °C.
	Where the ventilation gaps are not covered and kept free of dust.	Where the ventilation gaps are covered or dusty.
	Dust the compressor and metal grille (heat exchanger) at the back of the appliance at least once a year.	Dust build-up on the compressor and metal grille (heat exchanger).
Temperature settings	Freezer section -18 °C	With a low temperature setting: The lower the temperature in the appliance, the higher the energy consumption.

Saving 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 try to cool down and the compressor will run for longer periods.
	Take a cooler bag when shopping and load food in the appliance as quickly as possible on your return home. Allow hot food and drinks to cool down before placing them in the appliance.	Hot food or food at room temperature will raise the temperature inside the appliance. The appliance will try to cool down and the compressor will run for longer periods.
	Store food well packaged.	The evaporation or condensation of liquids in the freezer will cause a loss of coldness.
	Do not overfill the appliance to allow air to circulate.	Poor air circulation will cause a loss of coldness.

Guide to the appliance

Control panel

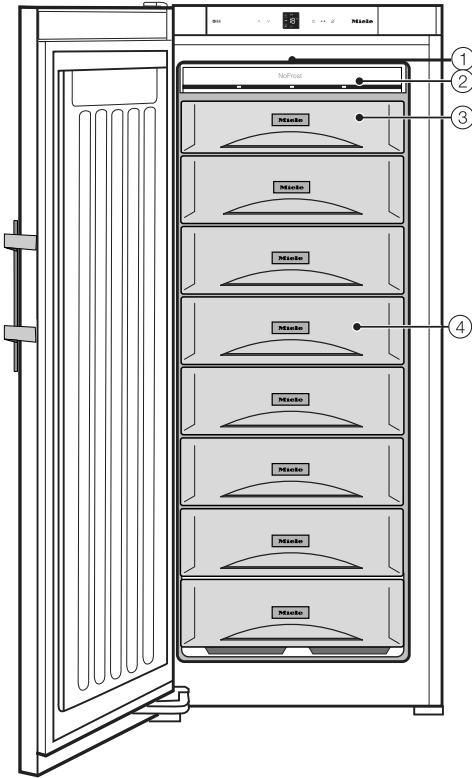


- ① For setting the temperature (∧ for warmer)
- ② For setting the temperature (∨ for colder)
- ③ For switching the appliance on and off
- ④ For switching the SuperFreeze function on and off
- ⑤ For switching the door or temperature alarm off
- ⑥ Display with temperature and symbols (symbols only visible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

Symbols in the display

Symbol	Function
	Alarm Flashes with a temperature alarm
**	SuperFreeze Lights up when SuperFreeze is switched on
	Safety lock Lights up when the safety lock is activated
	Power cut Flashes in the event of a power cut
DEMO	Demonstration mode Demo mode has been activated. Call Miele.
MENU	Settings menu Lights up when settings are being adjusted

Guide to the appliance



- ① Interior lighting
- ② NoFrost module
- ③ Top freezer drawer, can also be used as a freezer tray
- ④ Freezer drawers

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

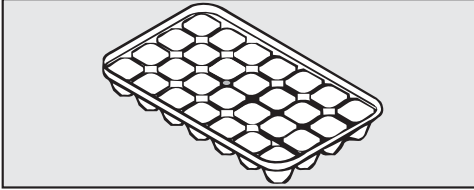
Picture shows an example of an appliance model.

Accessories

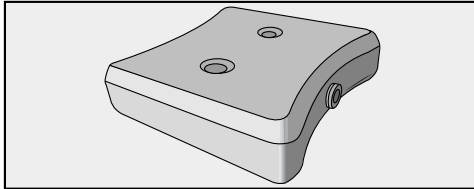
Accessories supplied

For a description, see “Guide to the appliance – Adjusting the interior fittings”.

Ice cube tray



Cool pack



The cool pack prevents the temperature in the freezer from rising too quickly in the event of a power cut. This helps to prolong the storage life of the food.

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 is available for your appliance.

Side-by-side installation kit

To install two or more refrigeration appliances next to one another, you will need the side-by-side installation kit (see “Installation - Side-by-side units”).

Miele all purpose microfibre cloth

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

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

Before using for the first time

Removing packaging material

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

Removing the protective foil

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

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

Cleaning and care

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

- Clean the inside of the appliance and the accessories.

Connecting the appliance

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

Operating the appliance

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

Switching the appliance on

To enable the temperature to get sufficiently cold inside the appliance, allow the appliance to run for approx. 2 hours before placing food in it. Do not place food in the freezer until the temperature is at least -18 °C.



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

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

The appliance will start to cool.

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

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

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


Switching on and off

Switching off the appliance



- Touch the On/Off sensor.

The temperature display will go out.

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

The cooling system is switched off.

Switching off for longer periods of time

If, during a long absence, the appliance is switched off but not cleaned and the door(s) left shut, there is a risk of mould forming inside the appliance.

It is essential to clean the appliance.

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

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

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

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

The temperature in the appliance will rise:

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

Temperature display

In normal operation the temperature display shows **the current 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 room temperature and the temperature setting, it can take several hours until the selected temperature is reached and displayed steadily.

The correct temperature

Setting the temperature

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



- Touch this sensor to lower the temperature.



- Touch this sensor to increase the temperature.

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

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

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

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

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

Temperature range

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

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

SuperFreeze

For best results, switch on the SuperFreeze function before putting fresh food into the freezer.

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

Switching on SuperFreeze is not necessary:

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

Switching on SuperFreeze

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



- Touch the SuperFreeze sensor.

The SuperFreeze symbol ** will light up in the display.

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

Switching off SuperFreeze

The SuperFreeze function will switch itself off automatically after approx. 30 - 65 hours. The duration before it switches off depends on the quantity of fresh food placed in the freezer. The SuperFreeze ** symbol will go out and the appliance will run at normal power again.

To save energy, you can manually switch off the SuperFreeze function once a **constant** temperature of $-18\text{ }^{\circ}\text{C}$ or colder has been reached in the freezer. Monitor the temperature inside the freezer.



- Touch the SuperFreeze sensor.


The SuperFreeze symbol ** in the display will go out.

The appliance will operate at normal power again.

Temperature and door alarm

The flashing 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 alarm tone will also sound.

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

The acoustic and visual signals are triggered, for example:

- if the appliance is switched on and the temperature in the appliance differs greatly from the set temperature
- if a lot of room air enters the freezer as food is being loaded, rearranged or taken out
- when freezing large amounts of food at once
- when you freeze fresh food that 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.

 Health risk due to consumption of spoiled food.

If the temperature in the freezer remains above $-18\text{ }^{\circ}\text{C}$ for a long time, the frozen goods can start to defrost. This shortens the shelf life of the food.

Check whether the frozen food has started to defrost. If it has, check that the food is safe to use and if it is, use it as soon as possible or cook it before freezing it again.


Switching the temperature alarm off early

You can switch the alarm off early 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.

Door alarm

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

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

Switching the door alarm off early

You can switch the alarm off early if you wish.



- Touch the sensor for switching off the door alarm.

The alarm will stop.

Selecting further settings


Safety lock

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

Switching on the safety lock





- Touch the SuperFreeze sensor for approx. 5 seconds.


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



- Touch the SuperFreeze sensor again.

 will appear in the display.

- To activate the safety lock confirm  by touching the SuperFreeze sensor again.
- If you want to cancel the process touch the On/Off sensor twice.

The safety lock symbol  will appear in the display if it has been activated.




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

Switching off the safety lock




- Touch the SuperFreeze sensor for approx. 5 seconds.


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



- Touch the SuperFreeze sensor again.

 will appear in the display.

- To deactivate the safety lock confirm  by touching the SuperFreeze sensor again.
- If you want to cancel the process touch the On/Off sensor twice.

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



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

Freezing fresh food

Fresh food should be frozen as quickly as possible so that the nutritional value of the food, its vitamin content, appearance and flavour are maintained.

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. In practice this means that the food loses more moisture. You can see this in the large amount of water that collects around the food when it defrosts.

If food is frozen quickly, the cells have less time to lose moisture, so they shrink less. As there is much less moisture loss, it is easier for the food to reabsorb it during defrosting, and very little water collects around the defrosted food.

Storing frozen food

Never refreeze partially or fully defrosted food. Defrosted food may only be refrozen after it has been cooked.

When buying frozen food to store in your freezer, make sure to check:

- that the packaging is not damaged
- the use-by date and
- the temperature at which the frozen food is being stored at the store.

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

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

Freezing and storing food

Home freezing

Only freeze food which is fresh and in good condition.

Tips on home freezing

- The following types of food **are suitable** for freezing:
Fresh meat, poultry, game, fish, vegetables, herbs, fresh fruit, dairy products, pastry, 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 and vitamin C, vegetables should be blanched before freezing. To blanch, immerse the trimmed and washed vegetables in boiling water for 2-3 minutes. Remove and plunge into ice-cold water to cool quickly. Drain and pack ready for freezing.
- Lean meat freezes better than fatty meat and can be stored for considerably longer.
- Separate chops, steaks, cutlets, schnitzel or rolled meat with a sheet of plastic freezer film. This prevents them from freezing together in a block.
- Do not season fresh foods or blanched vegetables before freezing. Only season cooked food lightly before freezing. The taste or intensity of some spices alters when frozen.

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

Packaging food for freezing

- Freeze food in portions.

Suitable packing material

- Plastic cling wrap
- Tubular polyethylene film
- Aluminum foil
- Freezer containers and bags

Unsuitable packing material

- Wrapping paper
- Grease-proof paper
- Cellophane
- Bin bags
- Plastic shopping bags
- Expel as much air as possible from bags etc. before sealing them to prevent freezer burn on food.
- Close the packaging tightly with
 - Rubber bands
 - Plastic clips
 - String or bag ties
 - Freezer tape

Useful tip: Freezer bags and tubular polyethylene film may also be sealed using home heat sealing kits.

- Label the packaging with the contents and the date of freezing.


Freezing and storing food

Before placing food in the appliance

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

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

Placing food in the freezer

 Risk of damage due to heavy loads.

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

Do not exceed the maximum load:

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

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

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

– Freezing small amounts of food

Place the food in the 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 of food

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

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

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

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

After the initial freezing process:

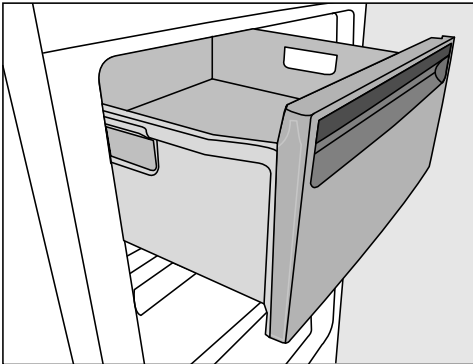
- Place the frozen food in the freezer drawer and push it back in.

Freezing and storing food

Removing the drawers and glass plates

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

You can also expand the space available in the freezer. If you wish to freeze large items such as a turkey or game, you can remove the glass plates between the freezer drawers. To do this:



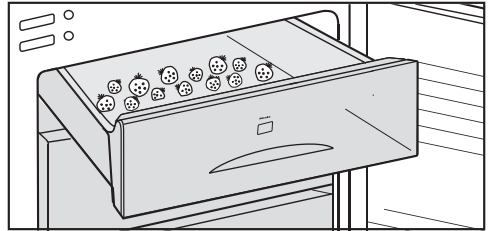
- Pull out the drawer as far as it will go, and then lift it up and out.
- Lift the glass plate slightly, pull it forward and out.

Freezer tray

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

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

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



- 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 varies greatly, even when a constant temperature of $-18\text{ }^{\circ}\text{C}$ is maintained. Even in frozen products, degradation processes take place, only at a much slower rate. For example, fat can become rancid from contact with oxygen in the air. Lean meat can therefore be stored approximately twice as long as fatty meat.

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

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.

By keeping the freezer at a constant temperature of $-18\text{ }^{\circ}\text{C}$ and taking appropriate hygiene measures, you can maximize the storage life of your food and avoid food waste.

Defrosting frozen food

Never refreeze partially or fully defrosted food. Defrosted food may only be refrozen after it has been cooked.

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 defrosted fish or meat can be placed directly into a hot frying pan.

Thicker pieces of meat and fish (e.g. minced beef, chicken, fish fillet) should not come into contact with other food when defrosting. Collect the defrosting liquid and then pour it away, making sure you wash the container it was in, the sink and your hands.

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

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

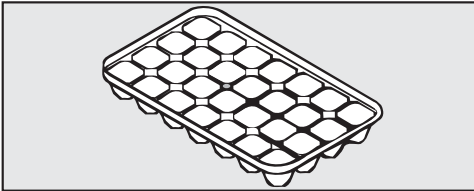
Freezing and storing food

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

Making ice cubes

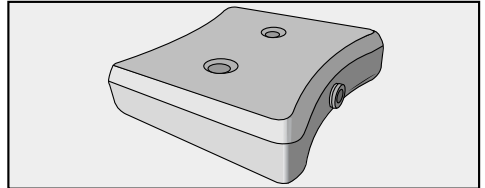


- Fill the ice cube tray three quarters full with water and place it on the bottom of one of the freezer drawers.
- Once frozen, use a blunt instrument, for example a spoon handle, to remove the ice tray from the freezer if it is stuck.

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

Using the cool pack

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



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

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

In the event of a power cut:

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

Useful 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.

Useful 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 zone


The appliance is equipped with a “NoFrost” system. The freezer defrosts automatically.

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

This automatic defrosting system enables the freezer to remain permanently ice-free. Food stored in the freezer will not defrost with this system.

Cleaning and care

 Do not let water get into the electronic unit.

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

Do not use a steam cleaner to clean the appliance.

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

Cleaning agents

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

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

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

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

The following pages contain important information on cleaning.

Preparing the appliance for cleaning

- Switch the appliance off.

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

- Take any food out of the appliance and store it in a cool place.
- Take the freezer drawers and glass plates out for cleaning.
- Take out all other removable parts for cleaning.

Cleaning the interior and accessories

The appliance should be cleaned regularly, or at least twice a year.

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


The best time to do so is when:

- there is very little or no frozen food left in the freezer,
 - the humidity level in the room is low and the ambient temperature in the room is low.
- Clean the **interior** with a clean sponge, lukewarm water and a little washing-up liquid.
 - After cleaning, wipe with a clean, damp cloth and then dry with a soft cloth.

Cleaning and care

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

- all drawers and drawer lids (supplied depending on model)
- the cool pack
- Clean these parts by hand.

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

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

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

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

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

- the adjustable shelves (with the trim and strips removed)
- the ice cube tray
- Leave the appliance door open for a short time to air out the appliance and avoid the formation of odours.

Cleaning the front of the appliance and the side panels

If soiling is left on for any length of time, it may become impossible to remove. Surfaces may suffer discolouration or damage.

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


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

See the information on “Cleaning agents” at the beginning of this section.

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

Stainless steel appliances

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

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


Cleaning the ventilation gaps

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

- The ventilation gaps should be cleaned on a regular basis with a brush or vacuum cleaner (you could use a Miele Vacuum Cleaner dusting brush, for example).

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

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

 Risk of damage due to incorrect cleaning.


Cables and other components can get torn off, bent or damaged.
Carefully clean the compressor and metal grille.

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

Cleaning the door seals

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

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

 Risk of damage due to incorrect cleaning.

If you treat the door seals with oils or grease, they can become porous. Do not use any oils or grease on the door seals.

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

Cleaning and care

Starting up the appliance after cleaning

- Refit all shelves and accessories in the appliance.
- Reconnect to the mains and switch the appliance back on.
- Switch on the SuperFreeze function for a while so that the freezer section can cool down quickly.
- Place the freezer drawers with the frozen food back into the freezer section and close the door.
- Switch off the SuperFreeze function as soon as the temperature in the freezer is a constant $-18\text{ }^{\circ}\text{C}$ or colder.

Problem solving guide

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

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

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

Problem	Possible cause and remedy
The appliance is not cooling.	The appliance is not switched on. ■ Switch the appliance on.
	The plug is not properly inserted into the socket. ■ Insert the plug into the socket correctly.
	The mains circuit breaker has tripped. There could be a fault with the appliance, the household electrical wiring or another electrical appliance. ■ Contact a qualified electrician or Miele.
The compressor runs continuously.	This is not a fault. To save energy, the compressor runs at a lower speed when less cooling is required. This increases the running time of the compressor.
The compressor is switching on more frequently and runs for longer periods of time, and the temperature in the appliance is too low.	The ventilation gaps are covered or have become too dusty. ■ Do not block the ventilation gaps. ■ Clean the dust from the ventilation gaps on a regular basis.
	The door has been opened too frequently, or a large amount of fresh food has been placed inside the appliance for freezing at the same time. ■ Only open the door when necessary and for as short a time as possible. After a while the temperature will return to normal by itself.
	The door is not properly closed. A thick layer of ice may have formed in the freezer. ■ Close the appliance door.

Problem solving guide




Problem	Possible cause and remedy
	<p>After a while the temperature will return to normal by itself.</p> <p>If a thick layer of ice has formed, it will decrease the cooling performance and increase the energy consumption.</p> <ul style="list-style-type: none"> ■ Defrost the appliance and clean it. <p>The ambient room temperature is too high. The higher the room temperature, the longer the compressor will run.</p> <ul style="list-style-type: none"> ■ See the information in “Installation – Location”. <p>The temperature setting is too low.</p> <ul style="list-style-type: none"> ■ Correct the temperature setting. <p>A large amount of food is being frozen at once.</p> <ul style="list-style-type: none"> ■ See “Freezing and storing food”. <p>The SuperFreeze function is still switched on.</p> <ul style="list-style-type: none"> ■ To save energy, you can switch SuperFreeze off early yourself.
<p>The compressor comes on less and less often and for shorter periods of time. The temperature in the appliance rises.</p>	<p>This is not a fault. The temperature setting is too high.</p> <ul style="list-style-type: none"> ■ Correct the temperature setting. ■ Check the temperature again after 24 hours. <p>The food begins to defrost.</p> <p>The room temperature is too low for this appliance. If the room temperature is too low, the compressor will run less frequently. This may cause the freezer section to become too warm.</p> <ul style="list-style-type: none"> ■ See “Installation – Location”. ■ Increase the temperature of the room.
<p>Ice or condensation has built up inside the refrigeration appliance. The appliance door may not close correctly.</p>	<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 if the door seal is damaged.

Problem solving guide



Problem	Possible cause and remedy
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.</p> <p>Possible reasons for this include:</p> <ul style="list-style-type: none">– the appliance door being opened too often, or being left open– a large amount of food being frozen at once– increased humidity in the room. <p>■ Keep the door closed as much as possible. The NoFrost system will automatically defrost the layer of ice over the next few days.</p>

Problem solving guide

Messages in the display

Message	Possible cause and remedy
DEMO is shown in the display. The machine does not get cold, but the machine controls are working.	<p>Demo mode has been activated. In this mode, the appliance can be presented in a showroom without the cooling system working. Do not activate this setting for domestic use.</p> <ul style="list-style-type: none">■ Call Miele.
The alarm symbol  is flashing in the temperature display together with the temperature value. An alarm tone also sounds.	<p>The temperature in the freezer has risen higher or fallen lower than the temperature which has been set. Possible reasons for this include:</p> <ul style="list-style-type: none">– The appliance door has been opened too frequently.– A large quantity of fresh food has been placed in the freezer without switching on the SuperFreeze function.– A prolonged power cut (mains outage) has occurred.– The appliance has a fault. <p>■ Rectify the cause of the alarm.</p> <p>The alarm symbol  will go out and the alarm 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 whether food in the freezer has started to thaw or has defrosted. Defrosted food may only be refrozen after it has been cooked.</p>
 lights up in the display. You cannot switch the appliance off.	<p>The safety lock is switched on.</p> <ul style="list-style-type: none">■ Switch the safety lock off (see “Further settings - Safety lock”).

Problem solving guide



Message	Possible cause and remedy
<p>The power failure symbol  appears in the display. The temperature display will 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. The appliance will continue to operate at the last temperature setting when the power is restored.</p>  <ul style="list-style-type: none"> ■ Touch the sensor to switch off the temperature alarm. <p>The warmest temperature display will disappear. The display will revert to showing the current temperature in the freezer.</p> <ul style="list-style-type: none"> ■ Depending on the temperature displayed, you should check whether food in the freezer has started to thaw or has defrosted. Defrosted food may only be refrozen after it has been cooked.
<p>“F0 to F9” appears in the display.</p>	<p>There is a fault.</p> <ul style="list-style-type: none"> ■ Call Miele.

Problem solving guide

Other problems

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

Problem solving guide

Problem	Possible cause and remedy
The interior lighting is not working.	<p>The appliance is not switched on.</p> <ul style="list-style-type: none">■ Switch the appliance on.
	<p>To avoid overheating, the interior lighting switches itself off automatically after approx. 15 minutes if the door is left open. If this is not the case, there is a fault.</p>
	<div data-bbox="404 408 1042 703" style="border: 1px solid gray; padding: 5px;"><p> Risk of electric shock due to exposed, live electrical components!</p><p>When removing the lighting cover, there is a risk of coming into contact with live electrical components.</p><p>Do not remove the lighting cover. The LED lighting must only be repaired or replaced by a qualified technician.</p></div> <div data-bbox="404 703 1042 938" style="border: 1px solid gray; padding: 5px;"><p> Danger of injury from LED lighting!</p><p>This lighting corresponds to risk group RG 2. If the cover is defective, the eyes may be injured.</p><p>If the lighting cover is defective, do not look from a close range directly into the lighting with optical instruments (e.g. magnifying glass or similar).</p></div> <ul style="list-style-type: none">■ Call Miele.

Noises

Normal noises	What causes them
Brrrrr ...	A humming noise is made by the compressor. This noise can get louder for brief periods when the compressor switches on.
Blubb, blubb ...	A gurgling noise can be heard when coolant is circulating through the pipes.
Click ...	Clicking sounds occur whenever the thermostat switches the compressor on or off.
Sssrrrrr ...	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.
Please bear in mind that the noise of the compressor and the coolant circulating in the system is unavoidable.	

Noises	Possible cause and remedy
Rattling, vibrating, clinking	The refrigeration appliance is uneven. Realign the appliance using a spirit level. Do so by raising or lowering the adjustable feet underneath the refrigeration appliance.
	The refrigeration appliance is touching another appliance or piece of furniture. Move it away.
	Drawers, baskets or shelves are jiggling or are stuck. Check all removable items and refit them correctly.
	Bottles or containers are touching. Separate them.

Contact in case of fault

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

You can book a Miele customer service call-out online at www.miele.com.au/service or www.miele.co.nz/service.

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

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

The data plate is located inside the refrigeration appliance.


Warranty


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

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


Installation

Installation

 Fire risk and danger of damage from appliances which give off heat. Appliances which give off heat can catch fire and set fire to the refrigeration appliance. Do not place appliances which give off heat, such as mini-ovens, double burner hobs or toasters on the refrigeration appliance.

 Fire risk and danger of damage from open flames! Open flames can set fire to the refrigeration appliance. Keep open flames (e.g. a candle) away from the refrigeration appliance.

Side-by-side installation

 Risk of damage due to condensation on the external appliance panels. In environments with high humidity, condensation can build up on external appliance panels, which can cause corrosion. Do not place different refrigeration appliance models directly next to one another.

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

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

Location

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

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

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

When installing the appliance, please note:

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



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

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

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

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

Climate range

This refrigeration appliance is designed for use within specific ambient temperatures (climate range). Do not use in ambient temperatures for which it is not designed.

A lower ambient temperature leads to the compressor switching off for longer periods. This can cause the internal temperature in the appliance to rise with the risk of food deteriorating and going off.


The climate class is stated on the data plate inside the refrigeration appliance.

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

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

Installation

Ventilation

 Risk of fire and damage due to insufficient ventilation!

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

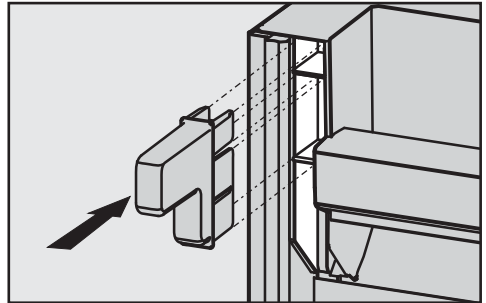
Please ensure that there is adequate ventilation around the refrigeration appliance.

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

Air at the back of the appliance gets warm.

Fitting the supplied wall spacers

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



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

Installation

⚠ Two people are required for installing the appliance.

⚠ The appliance must be empty when it is installed.

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

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

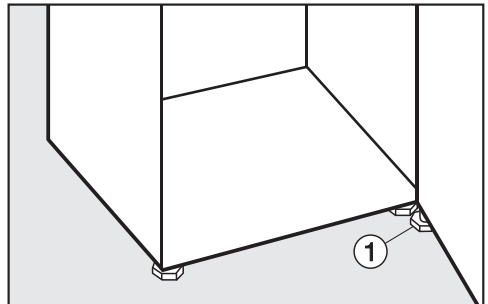
- Prepare the appliance for installation as close as possible to its intended installation location.
- Release the mains connection cable from the back of the appliance.
- Remove the cable clip from the back of the appliance.
- Move the appliance carefully to its intended installation location.
- Position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

Supporting the appliance door

⚠ Risk of damage and danger of injury due to the appliance door swinging open or the refrigeration appliance tipping over.

If the additional adjustable foot ① on the lower hinge plate is not sitting correctly on the floor, the appliance door may swing open or the refrigeration appliance may tip over.

Ensure that you unscrew the adjustable foot with the supplied spanner until it sits on the floor. Then unscrew it by a further quarter turn.



Installation

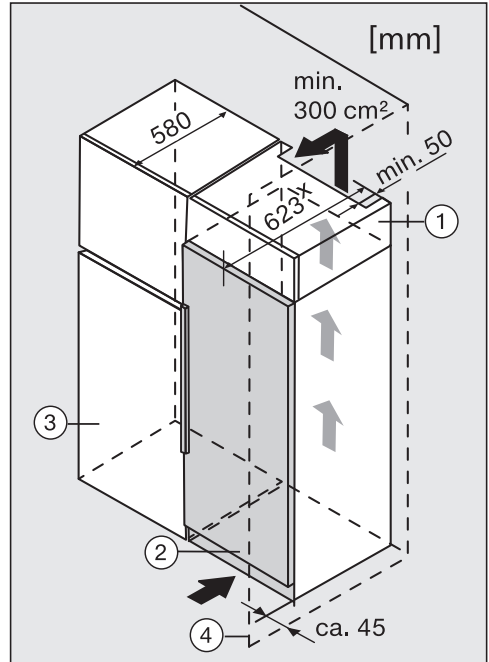
Installing the appliance in existing kitchen units

⚠ Risk of fire and damage due to insufficient ventilation!

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

Please ensure that there is adequate ventilation around the appliance.

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



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

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

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

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

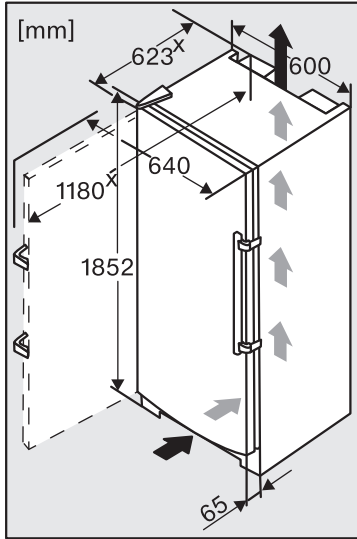
When installed next to a wall ④ a distance of at least 45 mm must be maintained on the hinge side between the wall ④ and the appliance ②.

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

- A ventilation gap of at least 50 mm depth must be provided at the back of the appliance behind the whole width of the top box for air to circulate.
- The ventilation gap under the ceiling must be at least 300 cm² to ensure that the warm air can escape unhindered.

Installation

Appliance dimensions



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

Changing the door hinging

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

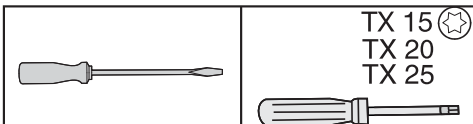
Please note that the hinging must not be changed if this appliance is going to be installed side by side with another refrigeration appliance.

⚠ Danger of injury and damage when changing the door hinging!
There is an increased danger of injury and damage if the refrigeration appliance is installed by a single person.
Always change the door hinging with the help of a second person.

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

Preparing to change the door hinging

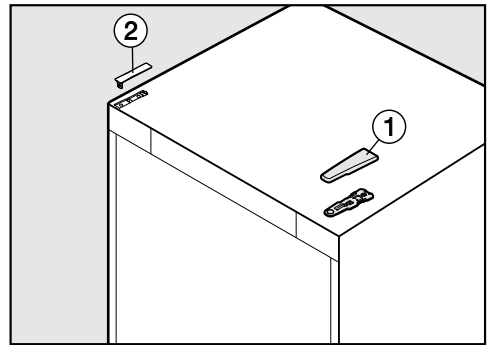
To change the door hinging, you will need the following tools:



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

Removing the top covers

- Close the appliance door.

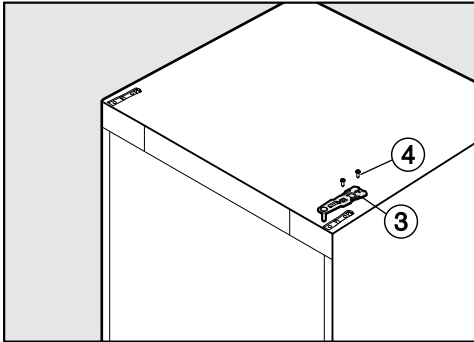


- Remove the cover ① by sliding it forwards from the back and then lifting it off.
- Remove the cover ② by pulling it upwards.

⚠ Danger of injury when removing the appliance door!
The appliance door is no longer secure once the screws in the hinge plate have been removed.
Hold the appliance door firmly.

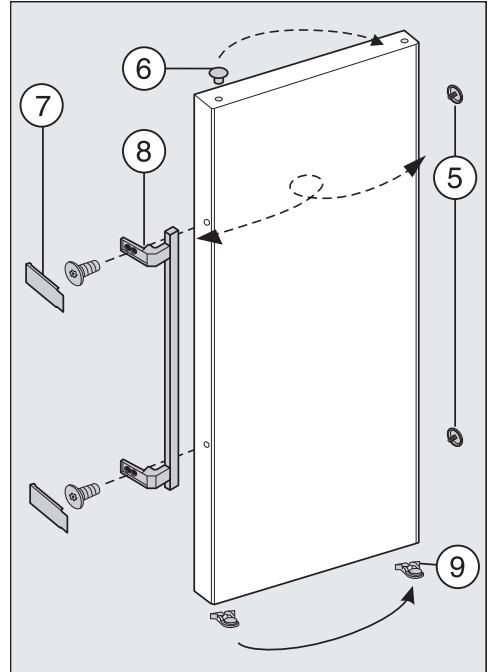
Installation

Removing the door

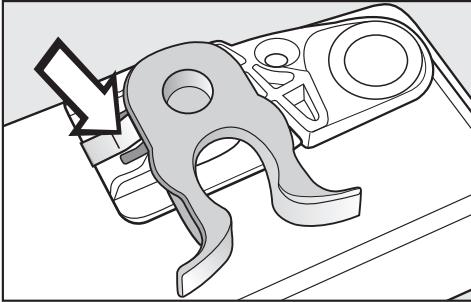


- Loosen the screws ④ in the hinge plate ③ and pull it upwards and off.
- Carefully lift the door up and off and set it aside.

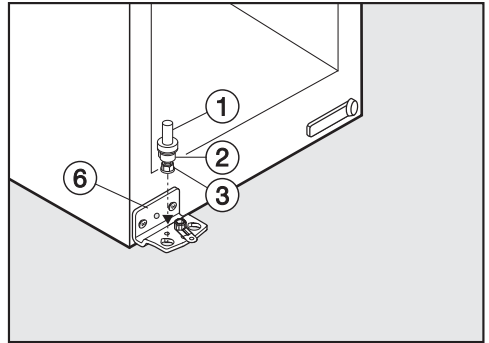
Changing the door handle over



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



- Turn the cover ⑨ 180° and refit it in the holes on the opposite side.



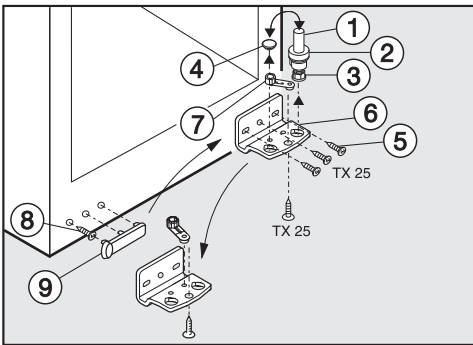
- Screw the hinge plate ⑥ securely into position on the new hinge side with the screws ⑤.

- Reinsert the hinge pin ① complete with washer ② and adjustable foot ③. Important: The lug on the hinge pin must point to the back again.

- Place the door onto the hinge pin ① from above.

- Close the appliance door.

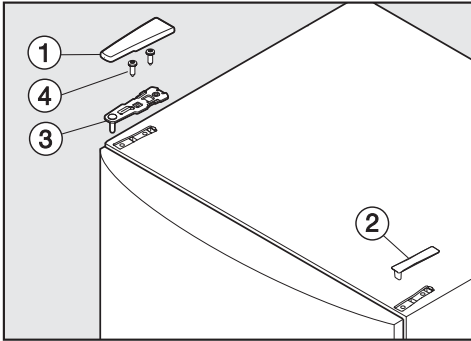
Changing over the lower hinge plate



- Pull the hinge pin ① complete with washer ② and adjusting foot ③ upwards to remove.
- Remove the stopper ④.
- Undo the screws ⑤ and remove the hinge plate ⑥.
- Slightly loosen the screw of the door closing aid ⑦ on the hinge plate ⑥. Place the door closing aid ⑦ in the opposite mounting hole in the hinge plate and then tighten the screw.
- Insert the stopper ④ into the other hole.
- Remove the cover ⑨.
- Remove the screw ⑧ and screw it into the outside hole on the opposite side.

Installation

Inserting the upper hinge plate



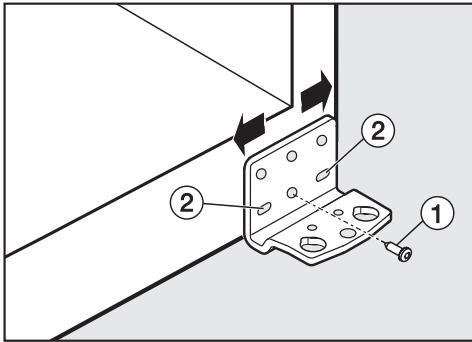
- Fit the hinge plate ③ on the opposite side and secure it in place with the screws ④. If necessary, drill pilot holes for the screws or use a battery operated screwdriver.
- Replace the covers ① and ② on the opposite side.
- Align the door with the appliance housing using the slots in the lower hinge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

Aligning the appliance door

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

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

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



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

Electrical connection

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

The fuse rating must be at least 10 A.

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

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

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

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

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

Installation

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

Temporary or permanent operation with a self-sufficient or non-mains synchronous energy supply system (e.g. isolated networks, back-up systems) is possible. A requirement for the operation is that the energy supply system complies with all current local and national requirements that apply to stand-alone, solar and/or battery systems”.

The protective measures provided in the domestic installation and in this Miele product must also be assured in their function and operation in isolated operation or in non-mains synchronous operation, or replaced with equivalent measures in the installation.

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

Miele Australia Pty. Ltd.

ACN 005 635 398
ABN 96 005 635 398

Miele Head Office Melbourne:

Level 4, 141 Camberwell Road
Hawthorn East, VIC 3123

Miele Experience Centre Doncaster:

1136/7 Doncaster Shopping Centre
619 Doncaster Rd, Doncaster, VIC 3108

Miele Experience Centre South Melbourne:

206-210 Coventry Street
South Melbourne, VIC 3205

Miele Experience Centre and Office Sydney:

3 Skyline Place
Frenchs Forest, NSW 2086

Miele Experience Centre and Office Brisbane:

Tenancy 4C, 63 Skyring Terrace
Newstead, QLD 4006

Miele Experience Centre Gold Coast:

131 Ferry Road
Southport, QLD 4215

Miele Experience Centre and Office Adelaide:

83-85 Sir Donald Bradman Drive
Hilton, SA 5033

Miele Experience Centre and Office Perth:

205-207 Stirling Highway
Claremont, WA 6010

1300 464 353 (1300 4 MIELE)**www.miele.com.au****Miele New Zealand Limited**

IRD 98 463 631

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

8 College Hill
Freemans Bay, Auckland 1011

**Miele Experience Centre
Wellington:**

183 Featherston Street
Wellington 6011

0800 464 353 (0800 4 MIELE)**www.miele.co.nz****Miele Global Headquarters
Germany****Miele & Cie. KG**

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

FN 28262 ws, FN 28262 edt/cs

en-AU, NZ

M.-Nr. 11 210 610 / 04

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