

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

This refrigeration appliance is not intended for outdoor use.

- 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.

## Warning and Safety instructions

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

### Safety with children

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

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

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

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

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

### Technical safety

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



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

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

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

In the event of any damage:

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

## Warning and Safety instructions

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

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

► The electrical safety of this appliance can only be guaranteed when correctly earthed. It is essential that this standard safety requirement is met. If in any doubt please have the electrical installation tested by a qualified electrician.

► Reliable and safe operation of this appliance can only be assured if it has been connected to the mains electricity supply.

► If the connection cable supplied is damaged it must only be replaced by an original spare part to protect the user from danger. Miele can only guarantee the safety of the appliance if original spare parts are used.

► Do not connect the appliance to the mains electrical supply by a multi-socket adapter or extension lead. These are a fire hazard and do not guarantee the required safety of the appliance.

► If moisture gets into electrical components or into the mains connection cable, it could cause a short circuit. Therefore, do not operate this refrigeration appliance in areas which are exposed to moisture (e.g. in a garage or utility room).

► This appliance must not be used in a non-stationary location (e.g. on a ship).



## Warning and Safety instructions

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- ▶ 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.
- ▶ While the appliance is under warranty, repairs should only be undertaken by a Miele authorised service technician. Otherwise the warranty 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.

## Warning and Safety instructions

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- ▶ 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.
- ▶ 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 warranty, and Miele cannot accept liability.

## Warning and Safety instructions

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### **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

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### Cleaning and care

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

### Transport

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

### Disposal of your old appliance

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

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

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

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

This information is only relevant for recycling. In normal operation there is no risk.
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- ▶ The oil in the compressor can be fatal if swallowed or if it penetrates the airways.

# Caring for the environment

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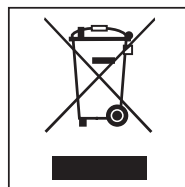
## Disposal of the packing material

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

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

## Disposal of your old appliance

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



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

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

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

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

## How to save energy

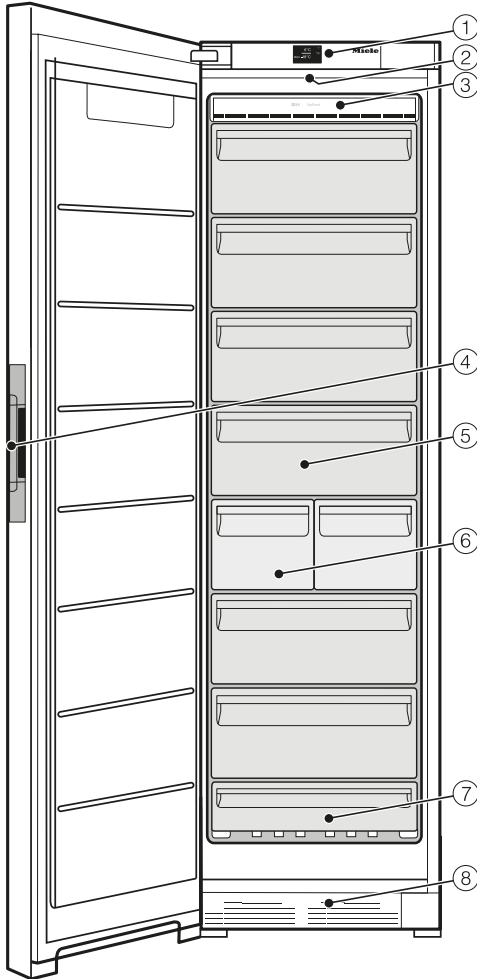
	Normal energy consumption	Increased energy consumption
<b>Installation / Maintenance</b>	In a ventilated room.	In an enclosed, unventilated room.
	Protected from direct sunlight.	In direct sunlight.
	Not near to a heat source (radiator, oven).	Near to a heat source (radiator, oven).
	Where the ideal ambient room temperature is approx. 20 °C.	Where the ambient room temperature is above 25 °C.
	Ventilation gaps uncovered and dusted regularly.	Ventilation gaps covered or dusty.
	Compressor and metal grille (heat exchanger) at the back of the appliance dusted at least once a year.	Dust build-up on the compressor and metal grille (heat exchanger).
<b>Temperature setting</b>	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.



## Guide to the appliance



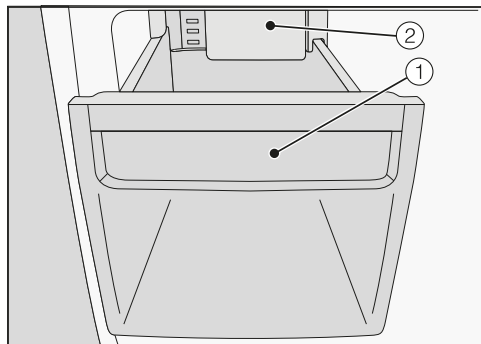
- ① Control panel with display
- ② Interior lighting
- ③ NoFrost module
- ④ Recessed handle with door opening aid (Click2open)
- ⑤ Freezer drawers
- ⑥ Ice cube drawer with automatic ice cube maker
- ⑦ Lowest freezer drawer, can also be used as a freezing tray
- ⑧ Ventilation grille

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

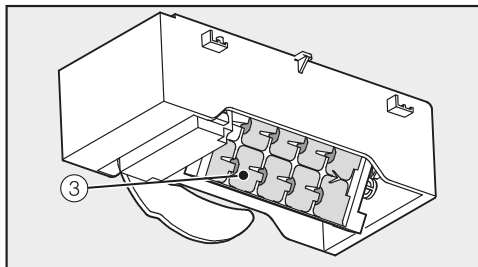
# Guide to the appliance

## Ice cube maker with integrated ice cube tray

For the automatic ice cube maker to operate, it must be connected to a mains water supply (see “Mains water connection”).




In the ice cube drawer ① there is an automatic ice cube maker ②.



An ice cube tray ③, in which the ice cubes are produced, is integrated in the ice cube maker ②. This ice cube tray cannot be removed.







The ice cube tray automatically empties into the drawer as soon as ice cubes are produced.

The ice cube maker can be turned off independently of the freezer if you do not want to make any ice cubes.







The ice cube maker is switched on via Settings mode '≡ (see “Selecting further settings”, - “Switching the ice maker  on and off”).

## Symbols on the display

### Controls

Symbol		Function
	Standby	For switching the appliance on
	Settings mode	For selecting settings (see “Selecting further settings”)
	Minus/Plus	For altering a setting (e.g. temperature)
		For confirming a setting
	Navigation arrow Left / right	For scrolling in Settings mode to select a setting
	Back	For exiting a menu

### Information

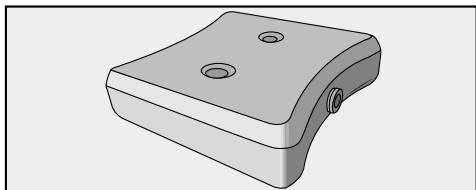
Symbol		Meaning
	Standby	The appliance is connected to the power supply but is not switched on.
	Freezer section	Identifies the freezer section temperature display
	SuperFreeze	Function can be selected (see “Using Super freeze”).
	Temperature alarm	Warning (see “Problem solving guide - Display warnings”).
	Door alarm	Warning (see “Problem solving guide - Display warnings”).
	Power failure	Warning (see “Problem solving guide - Display warnings”).

# Accessories

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## Accessories supplied

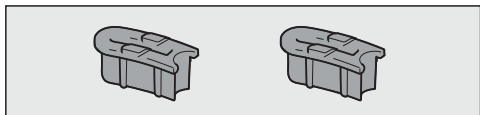
### Cool pack



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.

### Door opening angle limiter



The door hinges are set ex works to enable the door to be opened up to 115°. If the appliance door hits an adjacent wall when opened, for example, the opening angle can be limited to approx. 90°.

### Side-by-side fitting kit

For installing two appliances next to each other.

## Optional accessories

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

### Multi-purpose microfibre cloth

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

### MicroCloth Kit

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

These cloths are extremely rip-proof and hard-wearing. Thanks to very fine microfibres these cloths achieve excellent cleaning results.

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

### Before using for the first time

#### Packaging material

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

#### Protective foil

The 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 the appliance

Please refer to the relevant instructions in “Cleaning and care”.

- Clean the inside of the appliance and the accessories.



#### Danger to health!

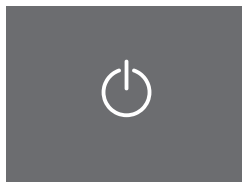
The first three batches of ice cubes made after the ice cube maker is started up must not be consumed, as the water will have been used for the initial rinsing of the water supply line.

This applies to the initial commissioning as well as when using the appliance again after it has been turned off for a long time.

- Clean the ice cube maker.

### Connecting the appliance

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



Standby

⏻ will appear in the display.

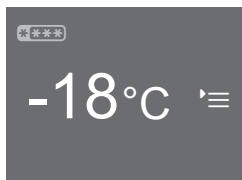
# Switching on and off

## Touch display

⚠ The touch display can be scratched by pointed or sharp objects, e.g. pens.

Only touch the touch display with your fingertips.

It is possible for the touch display to not react to finger contact if your fingers are cold.



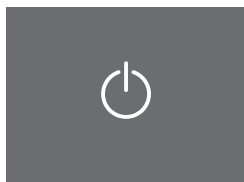
Start screen

The display changes to the start screen.

The interior light comes on. The appliance is now switched on and will start to cool. It will gradually reach the pre-set temperature of -18 °C.

## Switching the appliance on

To enable the temperature to get sufficiently cold inside the appliance, allow the appliance to run for approx. 4 hours before placing food in it. Do not place food in the freezer until it has reached the required coldness (at least -18 °C).




Standby

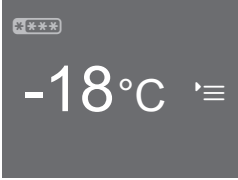
■ Touch  briefly.

The welcome message

Miele - Willkommen will appear in the display for approx. 3 seconds.

If this does not happen and  appears in the display, the safety lock is still activated (see “Selecting further settings” - “Activating or deactivating the safety lock” - “Deactivating the safety lock temporarily”).

## Start screen




The start screen is the screen from which all settings can be selected.

The display is divided into two fields for this purpose:

**The temperature display is on the left-hand side.**

This is also identified by .

Here you can set or change the temperature as well as select the Super freeze  function (see “Using Super freeze”).

**Settings mode '≡' is on the right-hand side.**

Touch the '≡ symbol to access Settings mode. Here further settings can be selected (see “Selecting further settings”).

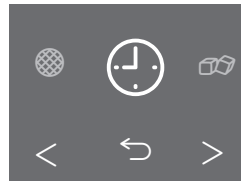
## Switching the appliance off

You can switch the appliance off in Settings mode (see “Selecting further settings”).




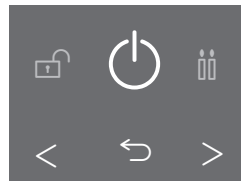
Start screen

■ Touch '≡.




Settings mode

■ Use the < or > arrow sensors until  is displayed.




Switching off

■ Touch .

The temperature display goes out and  lights up.


The interior lighting goes out and cooling is turned off.

 will go out after approx. 10 minutes. The display goes dark and switches to energy-saving mode.

# Switching on and off

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## 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,
- empty the ice-cube drawer,
- close the stopcock for the water supply pipework,
- 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



Start screen

In normal operation the temperature display shows **the lowest temperature 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.

⚠ 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.

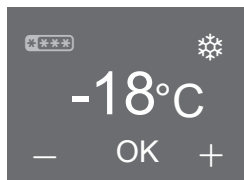
# The correct temperature

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## Setting the temperature

- Touch the temperature display.

The previously set temperature will appear.



- Use the — and + arrows to set the temperature higher or lower.
- Touch OK immediately after setting the temperature to confirm your entry.
- Or wait approximately 8 seconds after the last touch of a sensor. The temperature will then be automatically adopted.

**Tip:** The newly set temperature can also be confirmed and adopted by closing the appliance door.

The temperature display will then change to the current temperature in the appliance.

## Temperature range

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

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

- If, after this time, the temperature is still too high or too low, you will need to adjust it again.

The Super freeze ❄️ function can also be switched on.

## Super freeze function ❄️

Switch on Super freeze before putting fresh food into the freezer. This helps food to freeze quickly and retain its nutrients, vitamins, flavours and appearance.

### Exceptions:

- when placing food in the freezer that is already frozen.
- when freezing up to 1 kg fresh food daily.

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

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

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

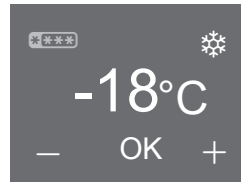
The Super freeze function will switch itself off automatically after approx. 65 hours. The quantity of fresh food placed in the freezer will determine the duration before the Super freeze function turns off.

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

When Super freeze is switched off, the appliance will run at normal power again.

## Switching Super freeze on and off

- Touch the temperature display.



Display – Super freeze

The current temperature and ❄️ appear in the display.

- Touch ❄️.

- If ❄️ lights up orange, the function is selected.
- If ❄️ lights up white, the function is deselected.

- Touch OK to confirm your entry.

- Or wait approximately 8 seconds after the last touch of a sensor. The setting will then be automatically adopted.

The Super freeze function is switched on or off.

The function that has been switched on **is not** shown in the start screen.

If Super freeze was previously switched on it will be switched off following an interruption to the power supply.

## To display the Super freeze function

- Touch the temperature display.


The current temperature appears in the display. ❄️ lights up orange.

# Temperature and door alarm

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

## Temperature alarm

If the temperature in the freezer 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.

If the temperature in the freezer becomes too warm,  will light up red in the temperature display. An alarm will also sound until the cause of the alarm is rectified or the alarm is switched off.

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


The temperature alarm is only displayed in the start screen and not when selecting a setting.

A temperature alarm is displayed before an existing door alarm.

The temperature alarm occurs, e.g.:

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

- if the appliance has a fault.

The alarm will stop and  will go out as soon as the temperature has dropped down to the correct level again.

## Switching the temperature alarm off early and checking the warmest temperature

If the noise disturbs you, you can switch the alarm off if you wish. You can also find out what the warmest temperature was in the freezer.

- Touch .

The fault message is confirmed, and the alarm will stop. The start screen appears in the display: the warmest temperature recorded in the freezer will flash for about 1 minute in the display. Then the temperature display will change to the current temperature in the freezer.


You can exit from the flashing temperature display early:

- Touch the temperature display.


The warmest temperature displayed will disappear. The display will then revert to showing the current temperature in the freezer.

## Door alarm

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

If a appliance door is left open for a longer period of time  will light up yellow in the temperature display. An alarm will also sound four times. If the cause of the alarm is not rectified or if the alarm has not been switched off early, the alarm will sound again approx. every 3 minutes.

The amount of time until the door alarm is triggered depends on the setting selected (factory default setting = 2 minutes). However, the door alarm can also be turned off (see “Selecting further settings - Setting the volume / switching alarms and audible tones on and off”).

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

The door alarm is only displayed in the start screen.

The door alarm is automatically suppressed when you are in Settings mode. No symbol will be displayed and no alarm will sound.

If an alarm does not sound even though the door is open, the alarm has been switched off in Settings mode (see “Selecting further settings - Setting the volume / switching alarms and audible tones on and off”).

## Switching the door alarm off early

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


















■ Touch .

The current temperature is shown in the display. The alarm will stop.

# Selecting further settings

## Settings overview

The following settings can be activated or changed. Default settings are shown in **bold** or as marked in the segment bar.

Setting		Selection / Factory default setting
	Use minute minder (QuickCool Timer)	<b>0:00</b> - 9:59 h:min
	Switching the ice cube maker on and off	On (symbol orange) / <b>Off</b>
	Activate / deactivate the safety lock	On / <b>Off</b>
	Switch appliance off	OK
	Switch Sabbath mode on/off	On (symbol orange) / <b>Off</b>
	Change the duration before the door alarm sounds	Level 1 - 7 (Level 1 = 30 sec.) ■■■■■ (Level 4 = 2 min.)
	Miele@home System settings (only visible if the communication stick has been fitted)	For further details please go to "Explanation of the different settings – Miele@home system settings".
	Switch sensor tone on/off	<b>On</b> / Off
	Set volume / switch off alarms and audible tones	Off - Level 7 ■■■■■
	Set display brightness	Level 1 - 7 ■■■■■
	Change the temperature unit	°C / °F
	Demo mode (only visible when switched on)	<b>Off</b>
	Reset default settings	
	Access information about your appliance	Display (important when reporting a fault to Miele Service)
	Clean ventilation grille reminder	On (symbol orange) / <b>Off</b>
	Cleaning (only appears when the ice maker is switched on)	On (symbol orange) / <b>Off</b>

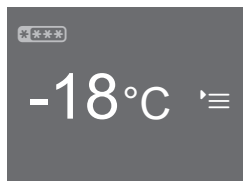
### Selecting further settings

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

See the following pages for more information on these settings.

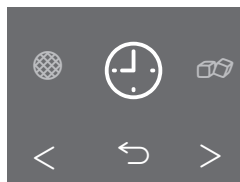
The door alarm and other warnings are automatically suppressed when you are in Settings mode. No symbol will be displayed and no alarm will sound. Exception: If there is an appliance fault (F+numbers), Settings mode will be exited automatically. The fault code will be shown in the display and an alarm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

### Opening Settings mode



Start screen

- Touch  $\equiv$ .



Settings mode

- Scroll left or right using the  $<$  or  $>$  arrow sensors.

The symbol for the selectable setting appears in the middle of the display.

The symbols for the next available settings appear in the background to the right and left, but are not selectable.

- Touch the symbol for the setting you want (see "Settings overview").

Depending on the setting selected there are two options:

1. You go into a sub-menu with further options or where values can be entered.
2. You select the setting directly. The symbol turns orange and this confirms your selection. If the symbol is white, the function has not been activated.


## Selecting further settings

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### Entering values

All values entered must be confirmed with **OK**. If the value is not confirmed the display will revert to the start screen after approx. 15 seconds and the entered or altered values will not be adopted.

### Exiting a menu (“Back” )

You can return to the previous screen by touching .

Entries made before this which have not been confirmed with **OK** will not be saved.


### Explanation of the different Settings

#### Using the minute minder (Quick-Cool timer)

The minute minder can be used to time other activities in the kitchen, e.g. chilling pastry. The audible tone will sound at the set time.

A maximum minute minder duration of 9 h 59 min can be set.

#### – Setting the minute minder

- Touch .
- Use **+** or **–** to set the hours.
- Confirm with **OK**.

The hours are now set. You can now set the minutes.

- Use **+** or **–** to set the minutes.
- Confirm with **OK**.

The minutes are now set. The set minute minder time starts counting down. If the appliance door is opened again, the minute minder time will appear counting down in the display. After approx. 3 s, the display changes to the start screen.

If the minute minder duration is displayed or altered, the minute minder duration counting down is halted.

In the case of an interruption to the power supply or when power is restored, any previously set minute minder duration is deleted.



## Selecting further settings

### – When the minute minder duration has elapsed

An audible signal sounds and ⌚ will flash.

- Touch the display.

The start screen appears.

### – Altering a minute minder entry

- Open the appliance door.

⌚ and the minute minder time counting down appear for approx. 3 s in the display.

- During this time touch the minute minder time counting down in the display.
- Touch ⚙ to alter a minute minder time. Proceed exactly as for setting the minute minder time (see “Setting the minute minder”).

### – Cancelling a minute minder duration

- Open the appliance door.

⌚ and the minute minder time counting down appear for approx. 3 s in the display.

- During this time touch the minute minder time counting down in the display.
- Touch 🗑 to delete a minute minder time.

The start screen appears in the display.

You can also alter or cancel a set minute minder duration in Settings mode.

### Switching the ice cube maker on and off



#### Danger to health!


The first three batches of ice cubes made after the ice cube maker is started up must not be consumed, as the water will have been used for the initial rinsing of the water supply line.

This applies to the initial commissioning as well as when using the appliance again after it has been turned off for a long time.

Only make normal domestic quantities of ice cubes with the ice maker.

Please note:

- After using the appliance for the first time, it can take up to 24 hours for the first ice cubes to drop out of the ice cube maker and collect in the drawer.
- After the ice cube maker has been turned off and on again, this process lasts max. 6 hours.
- Make sure that the ice cube drawer is empty before switching on the ice cube maker.
- Ice cubes can only be made when the ice cube drawer is completely closed.

If  lights up in the display, the ice cube maker is not being supplied with sufficient water.

Make sure the stopcock is open.


The ice cube maker can be turned off independently of the freezer if you do not want to make any ice cubes.

## Selecting further settings

**Tip:** If the ice cube maker is switched off, the ice cube drawer can be used as an extra drawer for freezing fresh food and storing frozen food.

After a power failure, the ice cube maker will, if it was previously switched on, be deactivated after power is restored.

### – Additional functions

After switching the ice cube maker on, the function “Ice cube tray: set to cleaning position .

For further information on the function go to “Cleaning and care”, “Cleaning the ice cube tray”.

### Switching the ice cube maker off for a long time.




**Risk of damage!**

If the water inlet is blocked while the ice cube maker is still in use, the water inlet pipe can freeze up.

Turn the ice cube maker off if the water supply is turned off (e.g. while on holiday).

- Close the stopcock for the water inlet.

If  begins to flash in the display, this means that there is still water remaining in the ice cube maker.

- Leave the ice cube maker on for another day so that the remaining ice cubes can be produced.
- Turn the ice cube maker off as soon as the remaining ice cubes have been produced.
- Take the remaining ice cubes out of the ice cube drawer and dispose of them.

### Activating or deactivating the safety lock

The safety lock can be activated to prevent:

- the appliance being switched off by mistake,
- the temperature being changed by mistake,
- the Super freeze function being selected by mistake,
- settings being adjusted by mistake (it is only possible to deactivate the lock).

This prevents the appliance being switched off or settings adjusted without your knowledge, by children, for example.

The safety lock will remain activated following an interruption to the power supply, if previously switched on.

### – Deactivating the safety lock temporarily

- Touch the display.

 appears.

- Touch  for approx. 6 seconds.

You can now select other settings. If the appliance door is closed again, the safety lock is activated again.

### – Deactivating the safety lock

- Touch the display.

 appears.

- Touch  for approx. 6 seconds.


The start screen will appear.

- Touch .

- Select .


 lights up orange.

- Touch .


 appears in the display. The safety lock is deactivated.

### Switching the appliance off

The whole appliance can be switched off with this function.

The temperature display goes out and  lights up.

The interior lighting goes out and cooling is turned off.

 will go out after approx. 10 minutes and the display turns dark (Energy-saving mode).


## Selecting further settings

### Switching Sabbath mode on and off

The appliance offers a Sabbath programme for the purposes of religious observance.

The following are switched off:

- the interior lighting when the door is opened,
- all acoustic and visual signals,
- the temperature display,
- the Super freeze function (if previously selected).
- the minute minder (if previously switched on).

Furthermore you cannot make any settings in Settings mode .

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

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

#### Danger of food contamination!


Any power failure during Sabbath mode is not shown in the display. After a power failure, the appliance restarts in Sabbath mode. When power is restored, no notification of the power failure will appear in the display.

If there was a power failure during Sabbath mode, check the quality of the food and do not consume partially thawed food.

### – Switching Sabbath mode on


- Touch .

 lights up orange.

Then  lights up white in the display.



Sabbath mode display

 will go out after approx. 3 seconds and the display will go dark.

### – Switching Sabbath mode off early


- Touch the display.

 appears.


- Touch .


 lights up orange.

- Touch .

 lights up white. The function is switched off.

### Setting the duration before the door alarm sounds

The appliance has a door alarm. If a door is open for a longer period of time an alarm will sound (if this has not been switched off; see “Setting the volume / Switching off alarms and audible tones”) and  will light up in the display (see “Temperature and door alarm - Door alarm”).

You can set the duration before the door alarm  sounds with the segment bar:


The duration can be set in 30 second increments, starting with 30 seconds (Level 1 = 1 filled-in segment) to a maximum of 3 minutes 30 seconds (Level 7 = 7 filled-in segments).

### Miele@home system settings

Only visible if an XKS3100W communication stick is fitted.

You can use this option to sign your appliance onto an existing Miele@home network or create a Miele@home network with your refrigeration appliance.

Make sure that you have sufficient signal strength for your WiFi network where the appliance is installed.

There are a number of ways of connecting your refrigeration appliance to your WiFi network. You can also use the Miele@mobile app. You must, however, first create a direct link to your mobile device (see “ = Soft access point”).

### Miele@mobile app\*

The Miele@mobile app can be used to connect to your network.




- Download the Miele@mobile app from one of the App stores.
- Follow the instructions in the app.

# Selecting further settings

## Setting options in sub-menu

- Touch .

You will access a sub-menu. The following setting options are then available:

- WPS = WPS pushbutton
-  – Wireless access point (soft access point)
-  = Reset WiFi module
-  = WiFi module standard settings

### – WPS pushbutton

As an alternative to networking via the Miele@mobile App we recommend using WPS (Wireless Protected Setup). To do so you will need a WPS-compatible router.


- Touch .

WPS appears


- Touch WPS.

For a certain time an attempt will be made to create a WiFi link.

- Activate the “WPS” function on your router within two minutes.

Once connection has been created,  will appear in the display.

- Confirm with OK.

The display changes to the start screen, and  appears in the top right.

If a connection could not be created, the display shows .

You have probably not activated WPS at your router quickly enough. Repeat the steps above.


### – Wireless access point (soft access point)

You can create a direct link from your refrigeration appliance to your mobile device (e.g. smartphone or tablet). This connection is necessary in order to create a network connection with the Miele@mobile app.

- Touch .

For a certain time an attempt will be made to create a direct link.

- Confirm the link creation at the mobile device.

The display changes to the start screen, and  appears in the top right.

If no link is confirmed after approx. 15 minutes, the procedure is cancelled. The display changes to the start screen.


### – Reset WiFi module

You can reset all entered settings and values for Miele@home to standard settings. All settings, which do not affect Miele@home will remain unchanged and the WiFi module will be **switched on**.

- Touch .

 appears.

- Confirm with OK.

The WiFi module is restarted. After a successful restart, the display changes to the start screen and  appears in the top right.

### WiFi module default settings

If you wish to reset all entered settings and values for Miele@home, you can restore the factory default settings on


## Selecting further settings

your WiFi module. All settings, which do not affect Miele@home will remain unchanged and the WiFi module will be **switched off**.



■ Touch .

 appears.

■ Confirm with OK.


The WiFi module is reset and switched off. The display changes to the start screen and the  symbol for an active WiFi connection disappears.

### Switching the sensor tone on / off

Every time a selectable field is touched a sensor tone sounds. You can switch this on  or off .

### Setting the volume / Switching off alarms and audible tones

You can set the volume of the alarm and audible tones in the segment bar: If all segments are filled in, the maximum volume is set.

If no segments are filled in, the alarm and audible tones are switched off.  will appear.

You will hear the volume change as it is adjusted.

Alarms and audible tones for temperature alarms, fault messages, interruptions to the power supply or a set minute minder cannot be switched off.

## Selecting further settings

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### Setting the display brightness

You can set the display brightness in the segment bar:

If all segments are filled in, the maximum brightness is selected.


You will see the brightness change as it is being adjusted.


### Setting the temperature unit °C/°F

You can choose between degrees Celsius °C and degrees Fahrenheit °F for the temperature display.

### Switching off Demo mode

Demo mode allows the appliance to be presented in the showroom without the cooling system being switched on. Do not activate this setting for domestic use!

If Demo mode has been switched on as a default setting,  will show in the display. The function can be switched off here.

If Demo mode has been switched off it cannot be switched on again via Settings mode .


### Resetting to the factory default settings

All appliance settings are reset to the factory default and the appliance is switched off.

### Accessing Information

Appliance data (model number and serial number) is shown in the display.

**Tip:** This data is important when reporting an appliance fault to Miele Service.

Confirm with  to leave the information screen.

### – Displaying licence agreements


Licences used can be displayed via .



### Clean ventilation grille reminder

The appliance has a ventilation grille in the plinth.

If the Clean ventilation grille reminder is activated, you will be reminded to dust the ventilation grille after approx. 12 months (see “Cleaning and care - Cleaning the ventilation grille”).

 will then appear in the display and an audible tone will sound (if switched on).

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

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

Touch the symbol to confirm the message. This resets the counter and the display changes back to the start screen.

# Freezing and storing food

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## Maximum freezing capacity

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

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

## Freezing fresh food

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

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


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

## Storing frozen food

When buying frozen food to store in your freezer, check

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

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

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

## Home freezing

Only freeze fresh food which is in a good condition.

### Hints on home freezing

- The following types of food **are suitable** for freezing:  
Fresh meat, poultry, game, fish, vegetables, herbs, fresh fruit, dairy products, cakes, leftovers, egg yolks, egg whites and a range of pre-cooked meals.
- The following types of food **are not suitable** for freezing:  
Grapes, lettuce, radishes, soured cream, mayonnaise, eggs in their shells, onions, whole raw apples and pears.
- To retain colour, taste, aroma and vitamin C, vegetables should be blanched before they are frozen. To do so place them portion by portion into boiling water for 2–3 minutes. Remove, and plunge into ice-cold water to cool quickly. Drain and pack ready for freezing.
- Lean meat freezes better than fatty meat, and can be stored for considerably longer.
- Separate chops, steaks, cutlets etc. with a sheet of plastic freezer film. This prevents them from freezing together in a block.
- Do not salt or season raw food or blanched vegetables before freezing. Cooked food should only be lightly salted and seasoned. Some herbs intensify the taste of food when frozen.

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

### Packaging food for freezing

- Freeze food in portions.

### Suitable packing material

- Plastic freezer bags
- Tubular polythene freezer bags
- Aluminum foil
- Freezer containers

### Unsuitable packing material

- Wrapping paper
- Greaseproof paper
- Cellophane
- Bin bags
- Plastic carrier bags
- Expel as much air as possible from the packaging.
- Close the packaging tightly with
  - Rubber bands
  - Plastic clips
  - String
  - Freezer tape

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

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


# Freezing and storing food

## Before placing food in the appliance

- When freezing more than 1 kg of fresh food, switch on the Super freeze function some time before placing the food in the freezer (see “Super freeze”).

This helps create a cold reserve in food which is already stored in the freezer.

## Placing food in the freezer section

 The following maximum loading weights must not be exceeded:

- Top freezer drawer = 15 kg
- Bottom freezer drawer = 10 kg
- All other freezer drawers = 25 kg
- Glass plates = 55 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 deeper lower freezer drawers.

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

## - Freezing the maximum amount (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 at the bottom.
- Place the food flat on the lower 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.

## Storage time for frozen food

The storage life of food is very variable, even at a constant temperature of  $-18^{\circ}\text{C}$ . 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

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 from defrosting and dispose of it carefully.

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

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

# Freezing and storing food

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


## Cooling drinks quickly

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

**Tip:** To avoid forgetting about bottles placed in the freezer you can set the minute minder (QuickCool timer ) in Settings mode.

## Making ice cubes

### Switching the ice cube maker on and off

For instructions on how to switch the ice cube make on and off see “Selecting further settings” - “Switching the ice cube maker  on and off”.

### Making a large amount of ice cubes

The amount of ice cubes produced depends on the temperature in the freezer. The lower the temperature, the more ice cubes are produced within a given time. At a temperature of -18 °C, approx. 1 kg of ice cubes will be produced within 24 hours.

**Tip:** If you require a large amount of ice cubes, replace the full ice cube drawer with the drawer beside it on the right.

The ice maker will begin to produce ice cubes again as soon as this drawer has been placed in position and closed properly.


### Switching the ice cube maker off for a long time.

 Risk of damage!

If the water inlet is blocked while the ice cube maker is still in use, the water inlet pipe can freeze up.

Turn the ice cube maker off if the water supply is turned off (e.g. while on holiday).

- Close the stopcock for the water inlet.

If  begins to flash in the display, this means that there is still water remaining in the ice cube maker.

- Leave the ice cube maker on for another day so that the remaining ice cubes can be produced.
- Turn the ice cube maker off as soon as the remaining ice cubes have been produced.
- Take the remaining ice cubes out of the ice cube drawer and dispose of them.

### Using accessories

#### Freezer tray

The lowest 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.

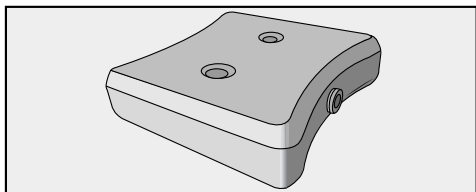
- Space the food out loosely on the tray.

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

## Cool pack

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



- 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 a power cut

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

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

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

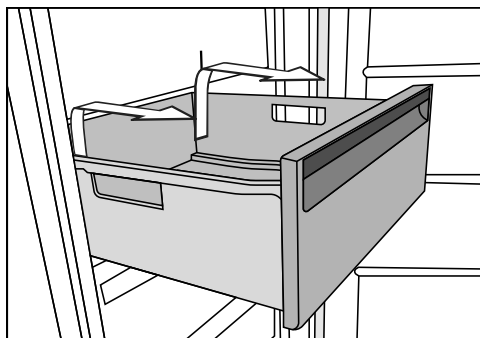
## Adjusting the interior fittings

### Removing freezer drawers on telescopic runners

Some of the freezer drawers are on telescopic runners and can be removed for filling, emptying or cleaning purposes:

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

- Pull the drawers out as far as they will go.



- Holding the sides of the drawer at the back, lift it up and then forwards and out.

Push the runners back in again to avoid damaging them.

Be careful not to wash out the special lubricant in the telescopic runners during cleaning.

Wipe the telescopic runners with a damp cloth to clean them.

- To replace the drawer, push the runners back in completely and then place the drawer on them.



- Push the drawer into the appliance until it clicks into position.

### **Removing the shelves.**

The shelves can be removed.

- Lift the shelf slightly at the front and then pull it forwards and out.


## Automatic defrosting


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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 by the condenser from time to time.

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

 Do not let water get into the electronic unit.

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

Do not use a steam cleaner!

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

### Cleaning agents

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

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

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

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

The following pages contain important information on cleaning.

## Cleaning and care

### Cleaning the ice cube tray

- ⚠ Clean the ice cube tray
- before switching off the ice cube maker for a long time.
  - regularly, to remove ice and water residues.

The ice cube tray **cannot be removed** and must be cleaned in situ. For this reason the ice cube tray must be set to the cleaning position.

### Selecting the cleaning position ④

The ice cube maker has to be switched on before the function to set it to the “Cleaning position ④” can be selected. The ice cube drawer must also be in position.

- Empty the ice cube drawer and place it in the appliance.
- In Settings mode \*≡ select the ④ symbol.

The selected setting is applied. You will hear the ice cube tray turn so that it is at an angle.

- Wait until the ice cube tray has completed this rotation before continuing.

The ✓ symbol will appear in the display.

- Remove the ice cube drawer.

The ice cube tray cannot be removed and must be cleaned in situ.

- Clean the ice cube tray and the ice cube drawer with lukewarm water and a little washing up liquid. After cleaning, wipe with clean water and dry with a soft cloth.

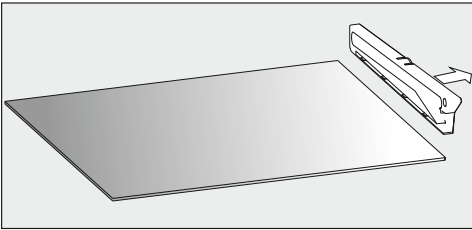
- Push the ice cube drawer all the way back into the appliance.

- After cleaning, confirm ✓ with OK.

You will hear the ice cube tray return to its original position.

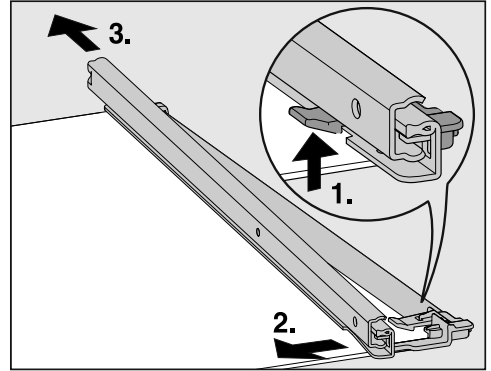
## Preparing the appliance for cleaning

- Switch the appliance off.
- ⏻ appears in the display and cooling is switched off.
- Disconnect it from the mains.
- Take any food out of the appliance and store it in a cool place.
- Take out the freezer drawers and glass plates.

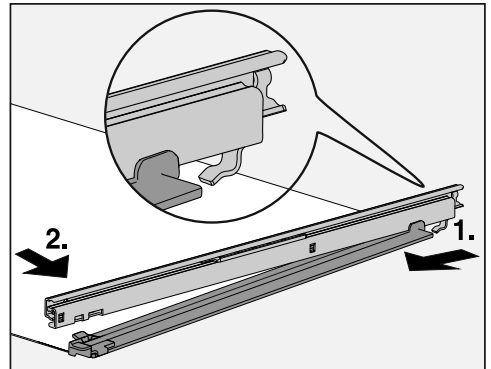


- Pull the trim off the right and left hand sides of the top glass plate.

## Removing the telescopic runners



- To remove the telescopic runners:
  1. Push the catch upwards.
  2. Push the telescopic runner to the side.
  3. Then pull the telescopic runner off to the rear.



- After cleaning, reattach the telescopic runners to the shelf.
  1. Do so by hooking the telescopic runner on at the rear.
  2. Then clip the catches into position at the front.
- Take out all other removable parts for cleaning.

## Cleaning and care

### Cleaning the interior and accessories

Clean the appliance regularly (approx. twice a year). Remove any soiling immediately - do not allow it to dry on.

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 also low.
- 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.
  - Leave the door open to air the appliance for a short while and to prevent odours building up.

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

- all drawers and the compartment lid (depending on model)
  - the glass plates with trim
  - the cool pack
- These accessories should all be hand washed.

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

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

Surfaces may suffer discolouration or damage.

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

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


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

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


## Cleaning the ventilation grille

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

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

If you want to be reminded automatically every 12 months, switch the Clean ventilation grille reminder on ( see “Selecting further settings - Clean ventilation grille  reminder”).

## 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.

## Starting up the appliance after cleaning

- Slide all shelves back into 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.
- Once the temperature in the freezer has reached the required temperature, place the food back in the freezer drawers and put them back in the freezer. Then close the appliance door.
- Switch off the Super freeze function as soon as the temperature in the freezer is a constant -18 °C or colder.

## Problem solving guide

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

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

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

Problem	Cause and remedy
<b>The appliance is not getting cold and the interior lighting does not come on when the door is opened.</b>	The appliance has not been switched on. ■ Switch the appliance on.
	The 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.
<b>The compressor runs continuously.</b>	This is not a fault. To save energy, the compressor runs at a lower speed, but for longer, when less cooling is required.



## Problem solving guide

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




## Problem solving guide




Problem	Cause and remedy
<b>The compressor comes on less and less often and for shorter periods of time.</b>	<p>Not a fault. The temperature setting is too high.</p> <ul style="list-style-type: none"> <li>■ Adjust the temperature.</li> <li>■ Check the temperature again after 24 hours.</li> </ul>
	<p>The food begins to defrost. 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 to become too warm.</p> <ul style="list-style-type: none"> <li>■ See "Installation - Location".</li> <li>■ Increase the temperature of the room.</li> </ul>
<b>Ice or condensation has built up inside the appliance.</b>	<p>The door seal has come out of its groove.</p> <ul style="list-style-type: none"> <li>■ Check that the door seal is correctly positioned in the groove.</li> </ul>
	<p>The door seal is damaged.</p> <ul style="list-style-type: none"> <li>■ Check whether the door seal is damaged.</li> </ul>
<b>The door seal is damaged or needs to be replaced.</b>	<p>No tools are required to change the door seal.</p> <ul style="list-style-type: none"> <li>■ Change the door seal. A replacement is available from Miele or from specialist retailers.</li> </ul>
<b>Frost has accumulated on the front panel of the NoFrost module.</b>	<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"> <li>– the appliance door being opened too often, or being left open.</li> <li>– a large amount of food is being frozen at once.</li> <li>– an increase in humidity levels in the room.</li> </ul> <ul style="list-style-type: none"> <li>■ Keep the door closed as much as possible. The NoFrost system will automatically defrost the layer of ice over the next few days.</li> </ul>

## Display warnings







Message	Cause and remedy
■ lights up in the display, the appliance does not get cold, although the controls and the interior lighting are working.	<p><b>Demo mode</b> is activated.</p> <ul style="list-style-type: none"> <li>■ Switch off Demo mode (see “Selecting further settings - Switching off Demo mode”).</li> </ul>
Nothing is visible in the display. The display is completely blank.	<p><b>Energy saving mode</b> is switched on. If the appliance has not been operated for a while (approx. 10 minutes) the display is switched off.</p> <ul style="list-style-type: none"> <li>■ Touch the display.</li> </ul> <p>The display shows the most recent indication.</p> <p><b>Sabbath mode</b> is switched on: The interior lighting is switched off and the appliance is cooling down.</p> <ul style="list-style-type: none"> <li>■ Touch the display.</li> </ul> <p>⏏ will then light up white in the display (see “Selecting further settings - Switching Sabbath mode on and off”).</p>
🔒 is lit up in the display and the appliance cannot be used.	<p>The <b>safety lock</b> has been activated.</p> <ul style="list-style-type: none"> <li>■ Deactivate the safety lock temporarily or switch it off completely (see “Selecting further settings - Activating or deactivating the safety lock”).</li> </ul>
🌀 lights up in the display and an audible tone also sounds.	<p>The <b>Clean ventilation grille reminder</b> setting has been activated. This is the prompt to clean the ventilation grille.</p> <ul style="list-style-type: none"> <li>■ Confirm the message by touching 🌀 in the display and clean the ventilation grille (see “Cleaning and care - Cleaning the ventilation grille”).</li> </ul>
🚪⚠️ lights up yellow in the display and an alarm also sounds.	<p>The <b>door alarm</b> has been activated (see “Temperature and door alarm”, section “Door alarm”).</p> <ul style="list-style-type: none"> <li>■ Touch 🚪⚠️ in the display.</li> </ul> <p>The alarm message is confirmed and the warning tone stops.</p> <p>The current temperature will appear in the display again.</p> <ul style="list-style-type: none"> <li>■ Close the appliance door.</li> </ul> <p>The alarm will stop.</p>








## Problem solving guide

Message	Cause and remedy
<p> lights up red in the display and an alarm also sounds.</p>	<p>The <b>temperature alarm</b> has been activated (see “Temperature and door alarm”). The temperature in the freezer has risen higher or fallen lower than the temperature set.</p> <p>This could be due to, for example:</p> <ul style="list-style-type: none"> <li>– the appliance door being opened too often, or being left open.</li> <li>– a large quantity of fresh food being placed in the freezer at once without switching on the Super freeze function.</li> <li>– an interruption to the power supply.</li> <li>– a fault with the appliance.</li> </ul> <p>■ Touch  in the display.</p> <p>The alarm message is confirmed:  goes out and the alarm stops.</p> <p>The start screen appears in the display: the warmest temperature recorded in the freezer will flash for about 1 minute in the display. Then the temperature display will change to the current temperature in the freezer.</p> <p>You can exit from the flashing temperature display early:</p> <p>■ Touch the temperature display.</p> <p>The warmest temperature displayed will disappear. The display will then revert to showing the current temperature in the freezer.</p> <p>■ Rectify the cause of the alarm.</p> <p>■ Depending on the temperature displayed, you should check whether food in the freezer has started to thaw or has defrosted. If it has, it should be used as soon as possible. Defrosted food may only be re-frozen after it has been cooked.</p>

Message	Cause and remedy
<p> <b>lights up red in the display and an alarm also sounds.</b></p>	<p>Indication of an <b>interruption to the power supply</b>: the temperature in the appliance over the last few days or hours has risen too high because of a power cut or interruption to the power supply.</p> <ul style="list-style-type: none"> <li>■ Touch  in the display.</li> </ul> <p>The fault message is confirmed:   goes out and the alarm will stop.</p> <p>The start screen appears in the display: the warmest temperature recorded in the freezer will flash for about 1 minute in the display. Then the temperature display will change to the current temperature in the freezer.</p> <p>You can exit from the flashing temperature display early:</p> <ul style="list-style-type: none"> <li>■ Touch the temperature display.</li> </ul> <p>The warmest temperature displayed will disappear. The display will then revert to showing the current temperature in the freezer. The appliance will go back to the last temperature setting when the power is back on.</p> <ul style="list-style-type: none"> <li>■ Depending on the temperature displayed, you should check whether food in the freezer has started to thaw or has defrosted. If it has, it should be used as soon as possible. Defrosted food may only be re-frozen after it has been cooked.</li> </ul>

## Problem solving guide

Message	Cause and remedy
<p> lights up red in the display, a fault code <b>F</b> with numbers appears and an alarm also sounds.</p>	<p>There is a fault. An appliance fault always has priority over any settings which have just been selected. An appliance fault has priority over any current door and/or temperature alarms displayed.</p> <ul style="list-style-type: none"> <li>■ To switch the alarm off touch  in the display.</li> <li>■ Call Service.</li> </ul> <p>To report the fault you need the fault code and also the model number and serial number of your appliance. You can access these in the display.</p> <ul style="list-style-type: none"> <li>■ To do this touch  in the display.</li> </ul> <p>The appliance data required will be shown in the display.</p> <ul style="list-style-type: none"> <li>■ Confirm with <b>OK</b>.</li> </ul> <p>In an emergency the appliance can be switched off directly by the fault display.</p> <ul style="list-style-type: none"> <li>■ Touch .</li> </ul>
<p> lights up yellow in the display and an alarm also sounds.</p>	<p>The water supply is turned off.</p> <ul style="list-style-type: none"> <li>■ Open the water supply.</li> </ul> <p>The ice cube drawer is not in the appliance. An alarm sounds after closing the door</p> <ul style="list-style-type: none"> <li>■ Touch  in the display.</li> </ul> <p>The alarm message is confirmed and the warning tone stops. The current temperature will appear in the display again.</p> <ul style="list-style-type: none"> <li>■ Replace the drawer correctly or switch the ice cube maker off.</li> </ul>

Message	Cause and remedy
<b>The symbol  lights up in the display and an alarm sounds.</b>	<p>You have selected the “Cleaning position ①” function, and the appliance has detected that the ice cube drawer is full. The selected procedure is interrupted and an alarm has sounded.</p> <ul style="list-style-type: none"> <li>■ Touch  in the display.</li> </ul> <p>The alarm message is confirmed and the warning tone stops. The current temperature will appear in the display again.</p> <ul style="list-style-type: none"> <li>■ Empty the drawer, and then replace it in the appliance.</li> </ul>
<b>  lights up red in the display and an alarm also sounds.</b>	<p>There is a <b>fault with the ice cube maker</b>.</p> <ul style="list-style-type: none"> <li>■ To switch the alarm off touch   in the display.</li> <li>■ Call Service.</li> </ul> <p>To report the fault you need the fault code and also the model number and serial number of your appliance. You can access these in the display.</p> <ul style="list-style-type: none"> <li>■ To do this touch  in the display.</li> </ul> <p>The appliance data required will be shown in the display.</p> <ul style="list-style-type: none"> <li>■ Confirm with OK.</li> </ul> <p>The ice cube maker can also be switched off in Settings mode.</p>

# Problem solving guide

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## Problems with the ice cube maker

Problem	Cause and remedy
<b>The ice cube maker will not switch on.</b>	<p>The appliance is not connected to the power supply or is not switched on.</p> <ul style="list-style-type: none"><li>■ Reconnect to the mains and switch the appliance back on.</li></ul>
<b>The ice-cube maker is not producing any ice cubes.</b>	<p>The appliance and/or the ice-cube maker is not turned on.</p> <ul style="list-style-type: none"><li>■ Switch on the appliance and the ice-cube maker.</li></ul>
	<p>The appliance door has been opened too frequently, causing the compressor to turn on more often and the ice-cube maker has iced up.</p> <ul style="list-style-type: none"><li>■ Only open the door when necessary and for as short a time as possible.</li></ul>
	<p>The temperature in the freezer section is too high.</p> <ul style="list-style-type: none"><li>■ Select a lower temperature.</li></ul>
	<p>The water pressure is too low.</p> <ul style="list-style-type: none"><li>■ Check whether the water pressure is between 1.5 and 6 bar.</li></ul> <p><b>Remember that it can take up to 24 hours to produce the first ice cubes.</b></p>





## Problem solving guide

Problem	Cause and remedy
<b>The ice cubes taste or smell odd.</b>	<p>The ice cube maker is in continuous use and should be cleaned regularly.</p> <ul style="list-style-type: none"> <li>■ Rinse the ice cube maker and inlet pipe regularly. The 1st three batches of ice should be thrown away and not consumed.</li> </ul>
	<p>The ice cube maker is rarely used. Ice cubes that are stored for a long time can absorb the taste and smell of other items.</p> <ul style="list-style-type: none"> <li>■ Empty the ice cube drawer if you are not going to use the ice cube maker for a long period of time.</li> <li>■ Rinse the ice cube maker and inlet pipe regularly. The 1st three batches of ice should be thrown away and not consumed.</li> </ul>
	<p>Unwrapped food is stored in the freezer. Ice can absorb the taste and smell of unwrapped food.</p> <ul style="list-style-type: none"> <li>■ Only store food which is packaged in the freezer section.</li> </ul>
	<p>The ice cube drawer is dirty.</p> <ul style="list-style-type: none"> <li>■ Clean the ice cube drawer.</li> </ul>

## Problem solving guide

### The interior lighting is not working.

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

### Other problems

Problem	Cause and remedy
<b>Food has frozen together.</b>	The food packaging was not dry when placed in the freezer. ■ Use a blunt instrument, e.g. a spoon handle or plastic scraper, to prise it apart carefully.
<b>There is no audible alarm although the door has been open for a long time.</b>	Not a fault. The alarm has been switched off in Settings mode (see “Selecting further settings - Setting the volume / switching alarms and audible tones 🔊 on and off”).

# Noises

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

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

### Contact in case of malfunction

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

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

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.

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 can be found inside the appliance.

### Displaying appliance information

This can be found in Settings mode under Information **i** (see “Selecting further settings - Accessing information”) or on the data plate inside the appliance.

#### – Displaying licence agreements

Licences used can be displayed via ©.

### Warranty

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

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

# Mains water connection

## Information about mains water connection

The appliance may only be connected to the mains water supply by suitably qualified persons.

Disconnect the appliance from the power supply before connecting it to the mains water supply.

Turn off the water supply before connecting the water supply line for the ice-cube maker.

The water quality must conform to the requirements for drinking water in the country in which the appliance is being installed (e.g. 98/83/EU).

The appliance must only be connected to the mains drinking water supply.

This appliance meets the requirements of IEC 61770 and EN 61770.

Connection to the household water supply must comply with the applicable regulations in the country in which the appliance is being installed.

All units and systems used to supply water to the appliance must also comply with the applicable regulations in the respective country.

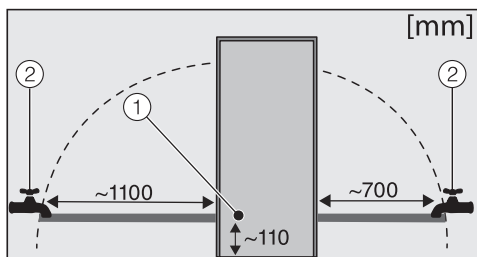
### The appliance is only suitable for connection to a cold water line, which

- is connected directly to the mains water supply to guarantee circulation of water in the cold water line.

Avoid connection to a water supply in which the water might stagnate. This can affect the taste of water and ice cubes.

- withstands the operating pressure.
- complies with hygiene regulations.

The water pressure must be between 1,5 and 6 bar.



The stainless-steel hose supplied is 1,5 m long and must not be lengthened.

A faulty stainless-steel hose must only be replaced by a genuine original Miele replacement hose (available from Miele or from your Miele dealer). Ensure that the water hose is suitable for drinking water.

A stopcock must be provided between the stainless-steel hose and the household water supply to ensure that the water supply can be cut off if necessary.

Make sure that the stopcock is still accessible after the appliance has been installed.

# Mains water connection

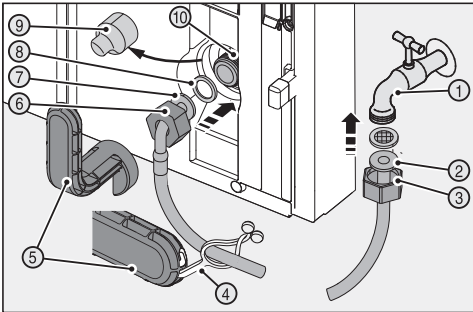
## Connecting the water supply

Before establishing the mains water connection, ensure that the appliance is disconnected from the power supply.

Ensure that it is screwed into position correctly.

Ensure that the connections are tight and leak-proof.

Before using the appliance for the first time, the water supply pipework should be purged of air by a qualified and competent person.



A stopcock (1) with a metric R3/4 thread must be incorporated when connecting to the water supply.

The solenoid valve (10) is located at the back of the appliance at the bottom. It also has a metric R3/4 connection.

- Unscrew safety cap from nut (3) on the straight end of the hose (2).
- Connect this nut (3) using the tool (5) supplied to the stopcock (1). Tighten the nut by turning it clockwise until the maximum torque is reached and the tool (5) is over-torqued.

- Briefly open the stopcock (1) to vent the pipework, and fill the pipework with water. Place the end of the hose in a bucket when doing this.
- Pull cover (9) off of the solenoid valve (10).
- Push nut (6) over the angled end of the hose (7) as far as it will go, holding the nut securely.
- Moisten the seal (8), then press the seal into the nut.

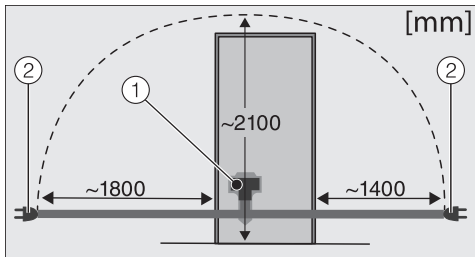
The seal should lie flush with the angled end of the hose and held lightly in position.

⚠ Take care not to damage the thread in the solenoid valve. Position the nut carefully and screw it into position.

- Connect the hose by the angled end to the solenoid valve.
- Tighten the nut with the tool supplied (5) by turning it clockwise until the maximum torque is reached and the tool (5) is over-torqued.
- Slowly open the stopcock (1), and check the whole water system for leaks.
- Fold the tab (4) on the tool (5) in, and secure the tool to the stainless steel hose for safe-keeping.

## Electrical connection

The appliance must only be connected using the connection cable supplied (AC 220-240 V 50 Hz supply).



- ① Appliance plug connector
- ② Mains plug

A longer connection cable is available to order from Miele.

The fuse rating must be at least 10 A.

This appliance must be connected to a suitable switched socket. The electrical installation must be in compliance with current local and national safety regulations, (e.g. VDE 0100 in Germany).

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

If the socket is no longer accessible after installation, an additional means of disconnection must be provided for all poles. Suitable means of disconnection include switches with an all-pole contact gap of at least 3 mm. These include miniature circuit breakers, fuses and contactors (EN 60335).

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

Do not plug in other appliances behind this appliance.

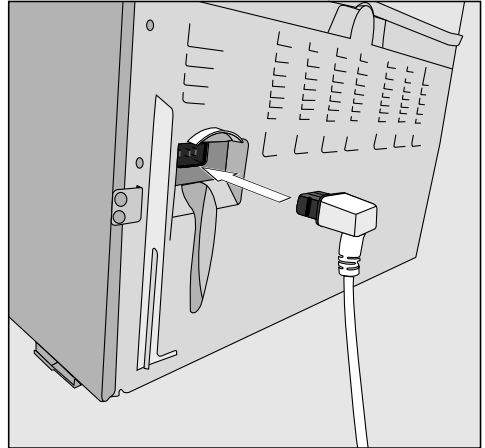
Do not connect the appliance to the mains electricity supply by an extension lead. Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating).



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

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

### 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 electricity supply:

⏻ will appear in the display.

Follow the steps described in “Switching on and off - Switching on”.

# Installation

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

 **Fire risk and danger of damage!**  
Do not place a naked flame, e.g. a candle on top of or beside 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).

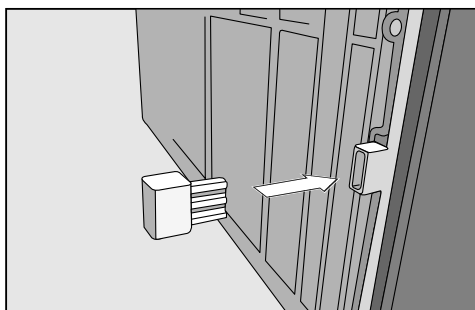
## Ventilation

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. 15 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 bottom left and right.

## Limiting the opening angle of the door

The door hinges are set at the factory so that the door can be opened up to 115°. If the appliance door hits an adjacent wall when opened, for example, the opening angle can be limited to 90°.

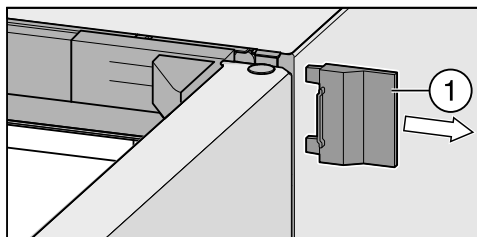
The door opening angle limiter should be fitted before the appliance is installed.

### To fit the door opening angle limiter

- Switch off at the wall and withdraw the plug from the socket, or disconnect the mains fuse.

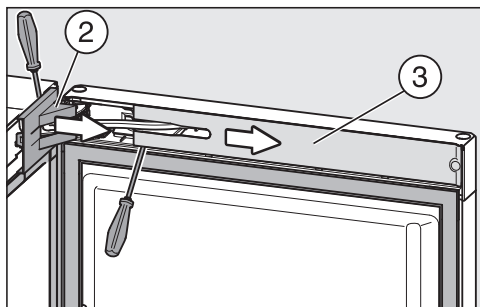
#### – remove the soft-close mechanism

- Open the appliance door.

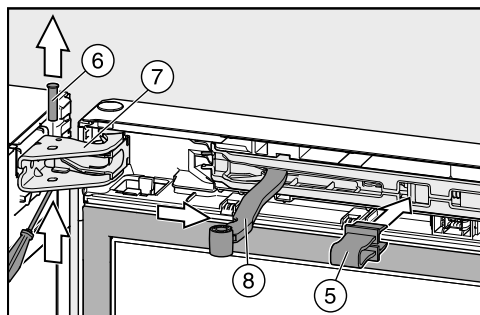


- Push off right outer cover ①.

# Installation



- Remove cover ② from the door hinge and cover ③ from the soft-close mechanism.

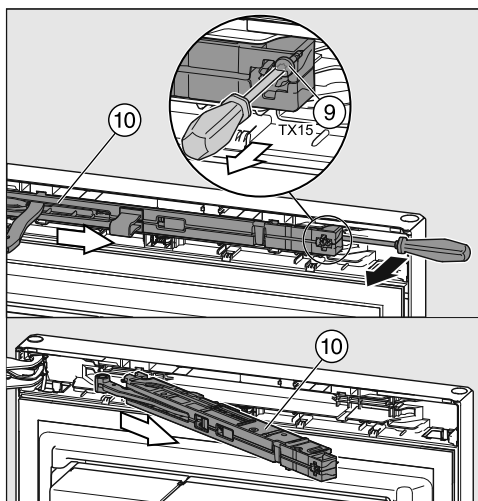


- Click the red safety aid ⑤ (supplied with the appliance) into place in the opening.

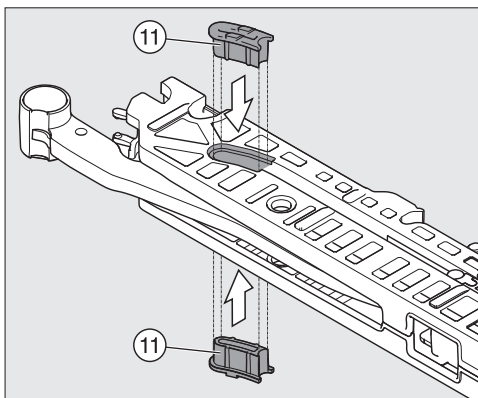
The safety aid prevents the soft-close mechanism and the hinge plate from snapping shut.

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

- Push pin ⑥ out of door hinge ⑦ and remove it.
- Move the hinged arm ⑧ of the soft-close mechanism away from the door hinge.

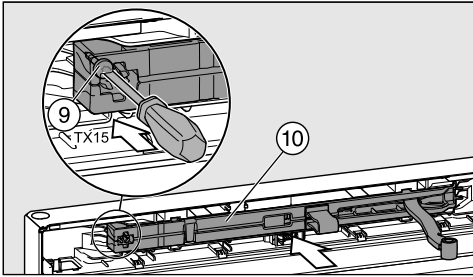


- Undo and remove screw ⑨ on soft-close mechanism ⑩ and insert a screwdriver behind the soft-close mechanism.
  - Remove soft-close mechanism ⑩.
- fit the door opening angle limiter

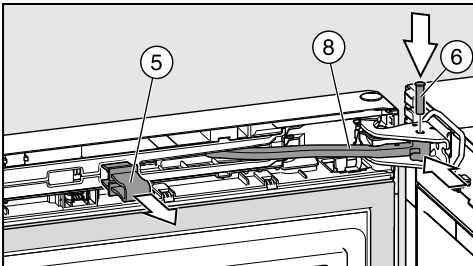


- Press a door opening angle limiter ⑪ in from above and below as shown.

## – fitting the soft-close mechanism

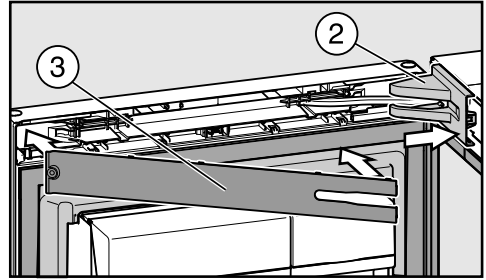


- Insert soft-close mechanism ⑩ on the door hinge side (at an angle initially) so that it clicks into position.
- Then press the other end of the soft-close mechanism into the opening.
- Secure the soft-close mechanism with screw ⑨.

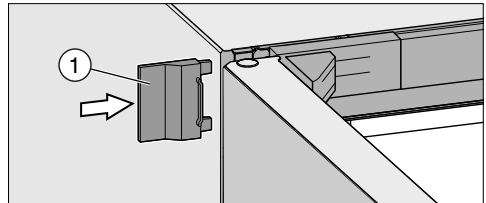


- Push hinged arm ⑧ into the opening on the door hinge.
- Insert pin ⑥ into the door hinge from above. Turn this with a screwdriver (by approx. ¼ turn) until both lugs on the pin click into position correctly in the grooves.
- Pull out red safety aid ⑤.

**Tip:** Keep the red safety aid in case you want to change over the door hinging again at a later date.



- Fit cover ② on the door hinge.
- Fit panel ③ so that it clicks into position.



- Push on outer cover ①.
- Close the appliance door.

# Installation

If you intend to install your appliance "side-by-side" with another refrigeration appliance, please ensure that you observe the instructions in "Installing in a side-by-side combination". The necessary installation parts are supplied with your appliance.

## Installation

⚠ Two people are required for installing the appliance.

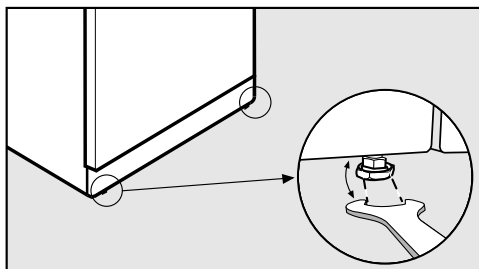
⚠ The appliance must be empty when it is installed.

⚠ 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.

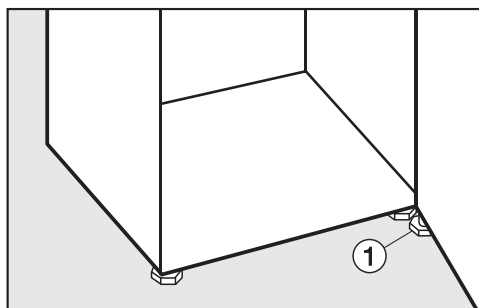
- Prepare the appliance for installation as close as possible to its intended installation location.
- Connect the appliance to the electricity supply as described in "Electrical connection".
- Move the appliance carefully to its intended installation location.
- Position the appliance with the wall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



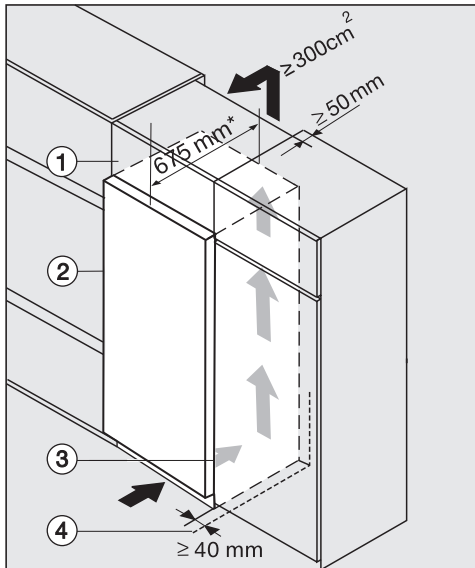
- **Ensure** that you unscrew adjustable foot ① from the hinge plate until it sits on the floor. Then unscrew the foot by a further ¼ turn.

## Building the appliance into a kitchen run

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

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

It is essential to observe the ventilation gaps given.



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

\* The appliance depth is increased by approx. 15 mm for appliances with wall spacers fitted.

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

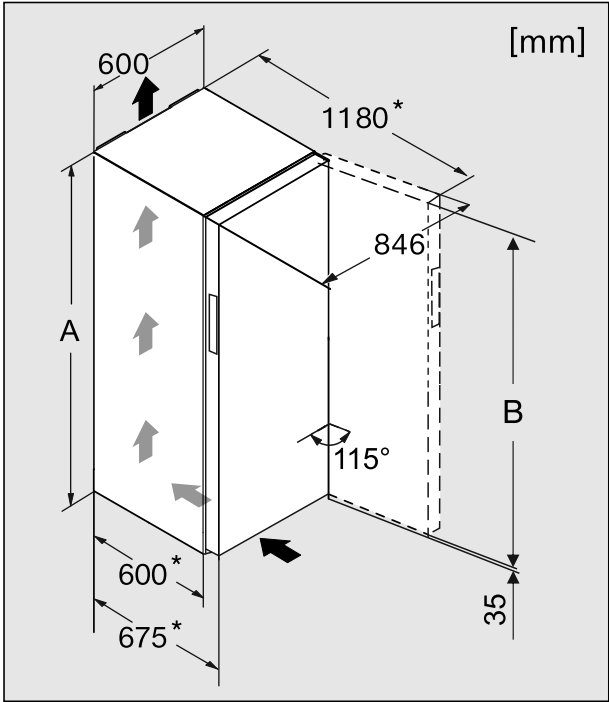
When installed next to a wall ④ a distance of at least 40 mm must be maintained on the hinge side between the wall ④ and the appliance ②.

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

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

# Installation

## Appliance dimensions



\* Dimensions without wall spacers. Appliance depth is increased by 15 mm with the wall spacers supplied fitted.

	A [mm]	B [mm]
FNS 28463 E ed/cs	1850	1815



## Installing in a side-by-side combination

To avoid a build-up of condensation and resultant damage, refrigeration appliances should not generally be installed directly next to other such appliances (side-by-side). Your appliance has side-wall heating and can therefore be installed side-by-side with another refrigeration appliance.

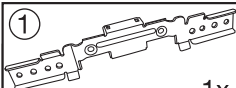

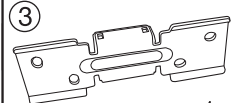
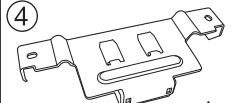
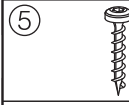
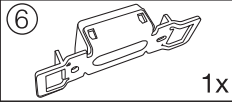


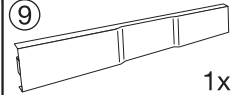
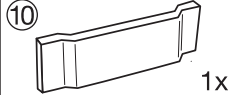
### Risk of damage!

The assembled side-by-side combination is very heavy. Incorrect moving of the combination can cause the appliances to become dented or glass fronts to shatter.

Please observe the following notes when moving a side-by-side appliance combination.

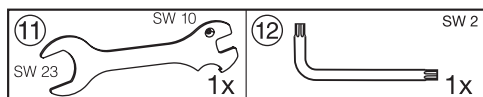
It is essential that all side-by-side installation work is carried out by two people.

**All fixings required for side-by-side installation are supplied with the appliance:**

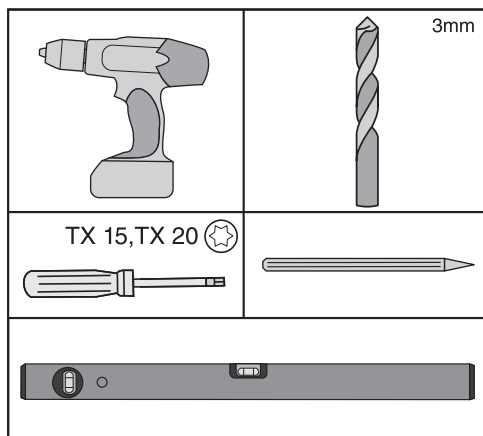
 <b>1</b> 1x	 <b>2</b> TX 25 8x
 <b>3</b> 1x	 <b>4</b> 1x
 <b>5</b> TX 15 4x	 <b>6</b> 1x
 <b>7</b> 1x	
 <b>8</b> 1x	
 <b>9</b> 1x	 <b>10</b> 1x

# Installing in a side-by-side combination

The following tools are supplied with the appliance:



The following additional tools are also required:



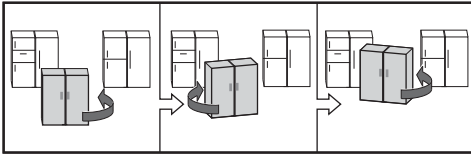
## Installation

The backs of the appliances must be kept accessible to complete the installation.

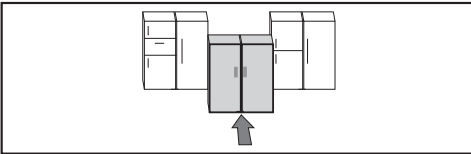
- The freezer or refrigerator with freezer section must be installed to the left of the other refrigeration appliance (when viewed from the front). The side wall heating in the inner wall of the freezer or the refrigeration appliance with freezer section is designed to prevent the build-up of condensation between the two appliances.
- Place the two appliances as close as possible to their final position so that they can be aligned for any unevenness in the floor.
- Before starting, peel off any protective foil from the appliance casing.

# Installing in a side-by-side combination

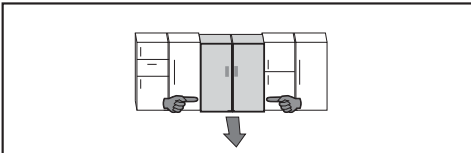
Notes on moving side-by-side appliances:



- Push the combination alternately from the left and right corners. Whilst doing so grasp the outside front corners. Do not, under any circumstances, use your knees to push against the sides or the appliance doors.

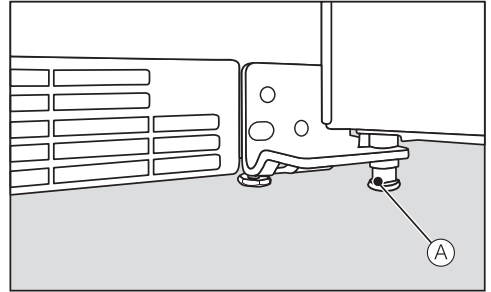


- Once the side-by-side combination is directly in front of the niche, push it carefully into position.

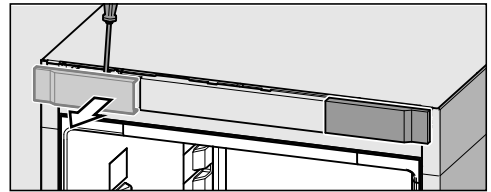


- If you need to pull the combination back out of the niche, hold it by the lower third and pull it straight out.

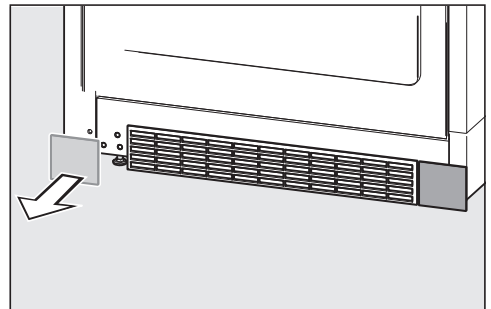
## Installation instructions from the front of the appliances



- Screw adjustable foot **A** (for supporting the appliance door) right in with the spanner **11**. The adjustable foot must not touch the floor.



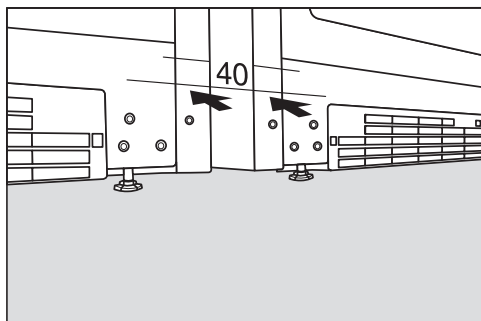
Top cover



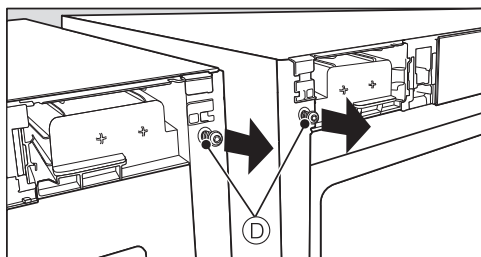
Bottom cover

- Take the covers off both appliances (from the side that they will be connected to each other on).

## Installing in a side-by-side combination

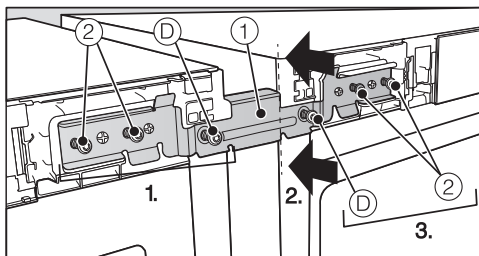


- Place the appliances next to each other so that the fronts are aligned, leaving a gap of slightly over 40 mm between them.



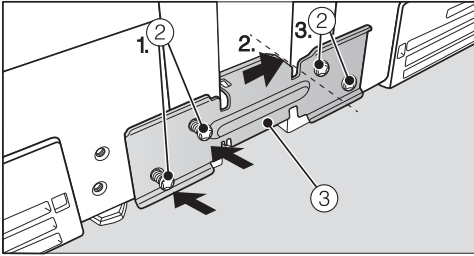
- Remove screws (D) and keep them for the next step. They are needed for securing connecting bracket (1) with.

The upper connecting bracket (1) is fitted to align both appliances in height and depth with each other. If one appliance stands higher than the other, start with the higher one first.



- Fit the upper connecting bracket (1) to the pins on the appliance and secure it follows:
  1. Secure connecting bracket (1) in position using the screw (D) that you have just unscrewed from the appliance, and screws (2).
  2. Now press the second appliance up against the spacer piece on the connecting bracket.
  3. Secure connecting bracket (1) in position on the second appliance using the screw (D) that you have just unscrewed from the appliance, and screws (2). When doing so push the appliances together slightly.

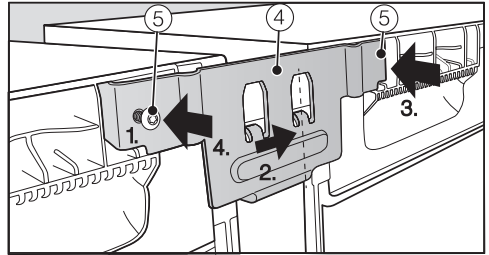
## Installing in a side-by-side combination



■ Place connecting bracket ③ with the horizontal long slots on the left-hand side and secure them as follows:

1. Secure it loosely in position with two screws ②.
2. Adjust the connecting bracket ③ until its centre piece abuts against the side of the second appliance.
3. Secure the connecting bracket ③ using screws ②.
4. Now tighten the loose screws and as you do so push the right-hand appliance up against the left-hand appliance.

Installation steps from the back of the appliances

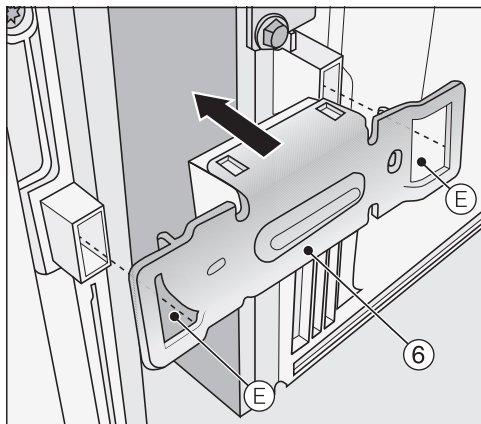


■ Place connecting bracket ④ with the horizontal long slot on the left-hand side and secure it as follows:

1. Secure it loosely with screw ⑤.
2. Adjust the connecting bracket ④ until its centre piece abuts against the side of the second appliance.
3. Secure the connecting bracket ④ using screw ⑤.
4. Now tighten the loose screw and as you do so push the right-hand appliance up against the left-hand appliance.

## Installing in a side-by-side combination

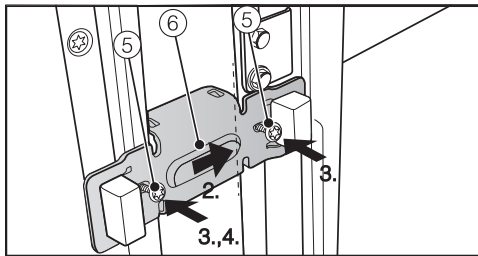
The holes for securing the connecting bracket ⑥ to have to be pre-drilled.



- Push the connecting bracket ⑥ with cut-outs ⑤ over the holders for the wall spacers.
- Use a pen to mark the position of the drill holes.
- Then take the connecting bracket ⑥ off again.

Drill through the panel only. Drilling depth approx. 1 mm.

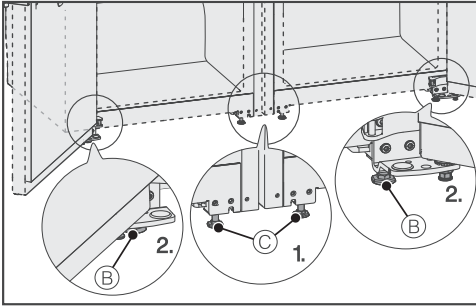
- Drill the screw holes with a 3 mm bit and then file any rough edges smooth.



- Place connecting bracket ⑥ with the horizontal long slot on the left-hand side and secure it as follows:
  1. Secure it loosely with screw ⑤.
  2. Adjust the connecting bracket ⑥ until its centre piece abuts against the side of the second appliance.
  3. Secure the connecting bracket ⑥ using screw ⑤.
  4. Now tighten the loose screw and as you do so push the right-hand appliance up against the left-hand appliance.

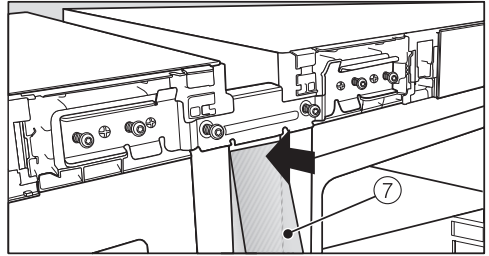
# Installing in a side-by-side combination

## Further installation instructions from the front of the appliances



- Adjust the front feet with the spanner (11).

1. Screw in the central adjustable feet (C) such that they do not touch the floor.
2. Now level the complete side-by-side combination with the outermost adjustable feet (B).

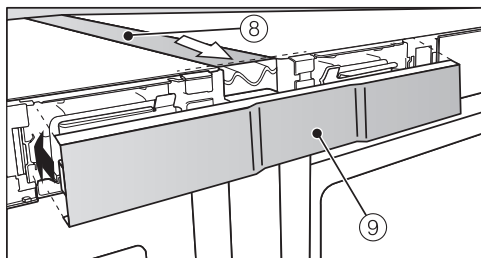


- Place trim (7) at the front of the appliance underneath the top connecting bracket and carefully work the trim (7) into the groove. Use a soft cloth to do this to avoid denting the trim.

**Tip:** Press both ridges along the entire length of the trim together. This simplifies the process of fitting the trim into the gap.

- Remove the protective foil from the stainless steel trim.

## Installing in a side-by-side combination

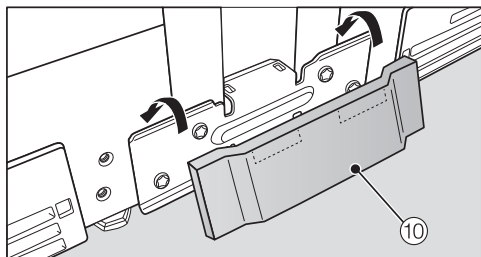


- Connect the side-by-side combination to the mains as described in the operating and installation manual.
- On appliances with an ice-maker connect the appliance to the mains water supply as described in the operating and installation manual.

- Now position trim ⑧ along the top of the appliance so that it sits flush with the corners of the appliance and then carefully work the trim ⑧ into the groove.

**Tip:** Press both ridges along the entire length of the trim together. This simplifies the process of fitting the trim into the gap.

- Then place cover ⑨ into position at the top on the front of the appliance.



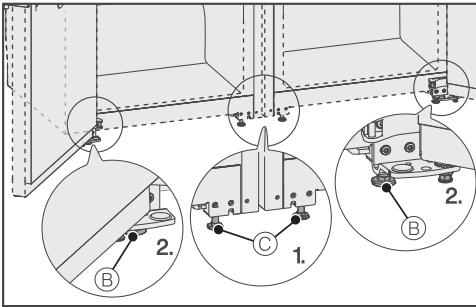
- Then place cover ⑩ into position at the bottom on the front of the appliance.



## Installing in a side-by-side combination

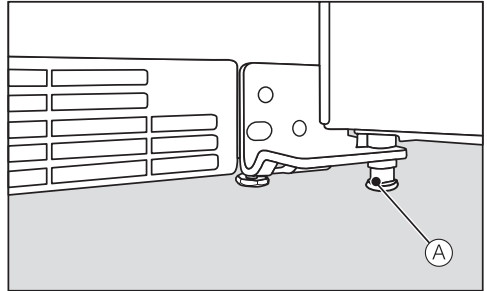
**⚠ Caution! Risk of damage when moving the appliance combination!**  
The assembled side-by-side combination is very heavy. Incorrect moving can cause dents  
Follow the instructions on how to move it.

- The side-by-side combination must be pushed very carefully into position.



- Adjust the height of the side-by-side combination again if necessary via the two adjustable feet using spanner ⑪.

1. Unscrew the middle adjustable feet ③ until they touch the floor.
2. Unscrew the outer adjustable feet ② to align the appliance.

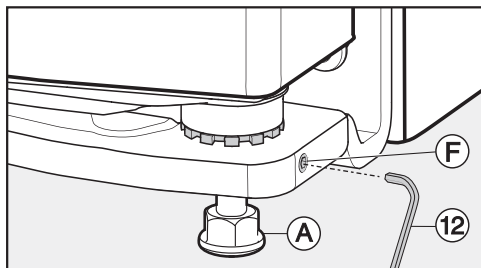


- Support the appliance doors on the hinge plate using the adjustable foot ①  
①: Unscrew the adjustable foot ① until it touches the floor. Then unscrew it by a further 90°.

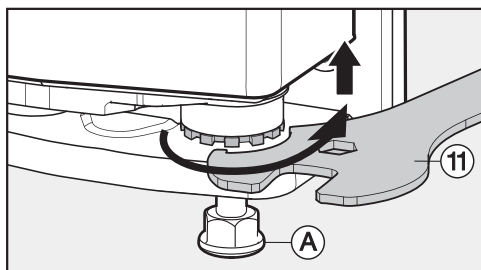
## Installing in a side-by-side combination

### Aligning the appliance doors

The appliance door(s) can be height-adjusted at the lower hinge plates.



- Unscrew the set screw (F) a maximum of one turn using the Allen key (12) supplied.





- Adjust the height of the hinge pin with the spanner (11) supplied. The appliance is delivered with the hinge pin fully screwed in.
  - To raise the door: turn it clockwise.
  - To lower the door: turn it anti-clockwise.
- Tighten the set screw (F). The hinge pin is fastened again.

# 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.

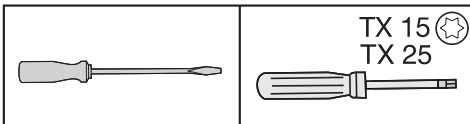
 If a door seal is damaged or if it has come out of the groove, the door will not close properly and cooling performance will be reduced.

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

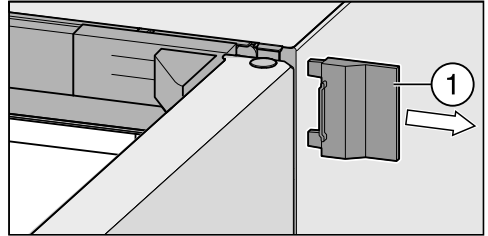
To change the door hinging, you will need the following tools:



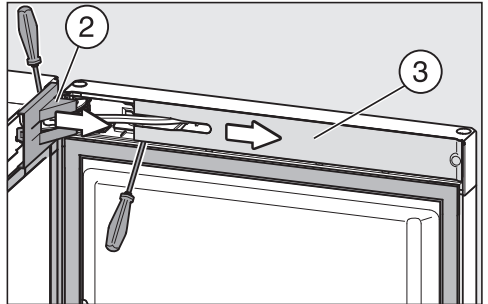
- Place a suitable cover on the floor in front of the appliance to protect the appliance door and your floor from damage.

## Remove the top covers

- Open the appliance door.



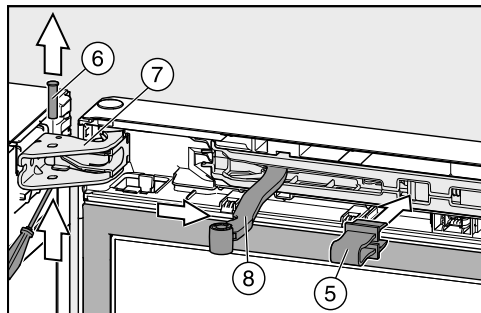
- Push off right outer cover ①.



- Remove cover ② from the door hinge and cover ③ from the soft-close mechanism.

# Changing the door hinging

## Remove the soft-close mechanism

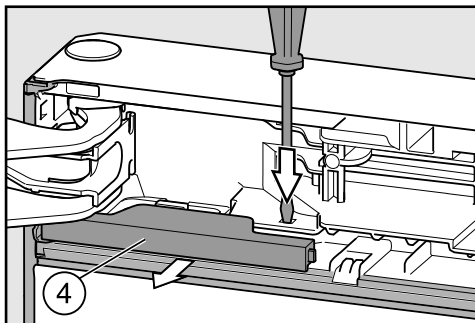


- Click the red safety aid ⑤ (supplied with the appliance) into place in the opening.

The safety aid prevents the soft-close mechanism and the hinge plate from snapping shut.

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

- Push pin ⑥ out of door hinge ⑦ and remove it.
- Move the hinged arm ⑧ of the soft-close mechanism away from the door hinge.



- Use a flat head screwdriver to push the tab down and pull cover ④ out of the coupling.

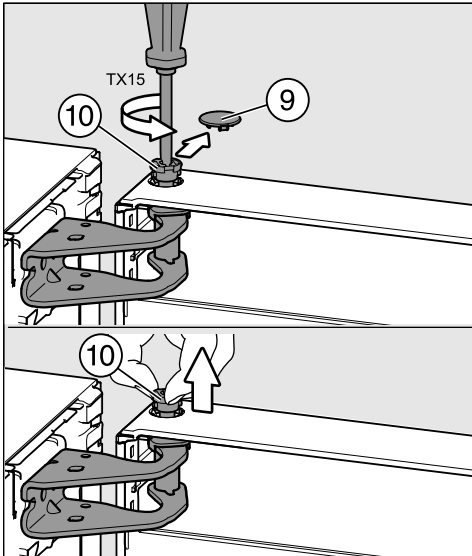
# Changing the door hinging

## Remove the door

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

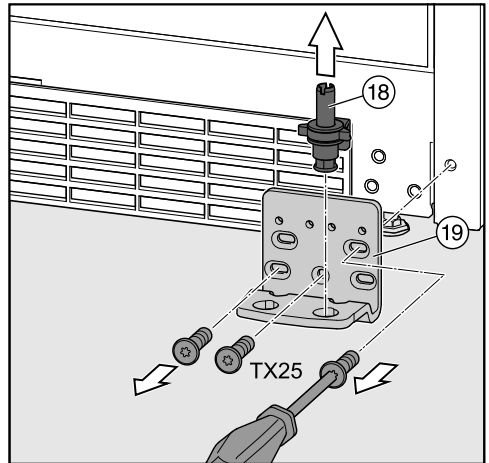
The door is not secure as soon as the pin has been removed from the door hinge.

The door must be held by a second person.

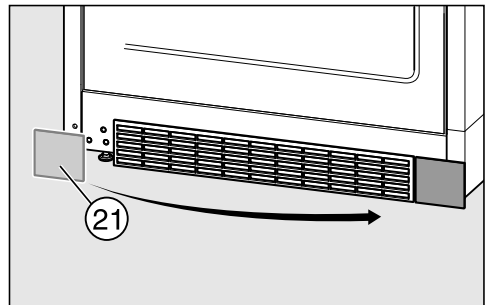


- Carefully pull off safety cover ⑨.
- Loosen pin ⑩ slightly (approx. ¼ turn) until it clicks.
- Now use your fingers to pull pin ⑩ right out.
- Lift the door off and place it carefully to one side.

## Change the lower hinge plate over

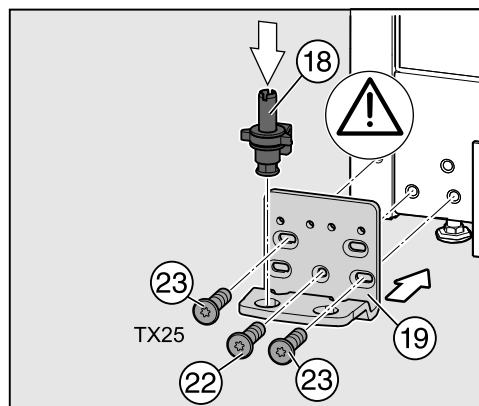


- Pull hinge pin ⑱ complete with washer and adjusting foot upwards to remove.
- Unscrew hinge plate ⑲.



- Remove cover ⑳ and refit on the opposite side.

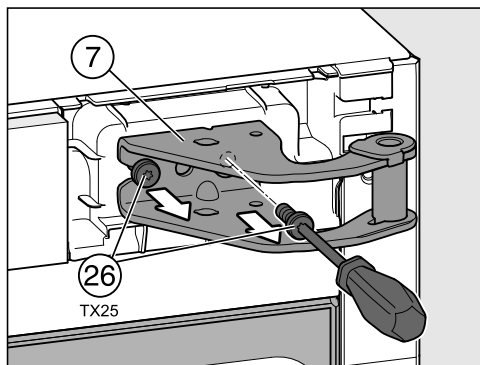
## Changing the door hinging



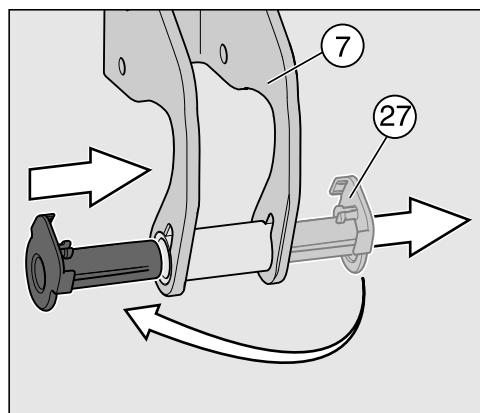
- Secure hinge plate (19) on the opposite side, starting with screw (22) in the middle at the bottom.
- Then screw in the other two screws (23).
- Reinsert hinge pin (18) complete with washer and adjustable foot .

Important! The lug on the hinge pin must point to the back again.

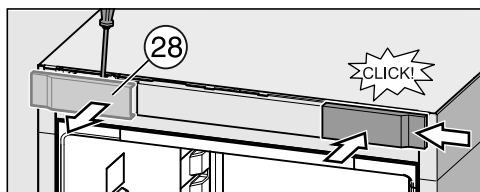
### Changing the upper door hinge over



- Undo and remove screw (26) on door hinge (7).



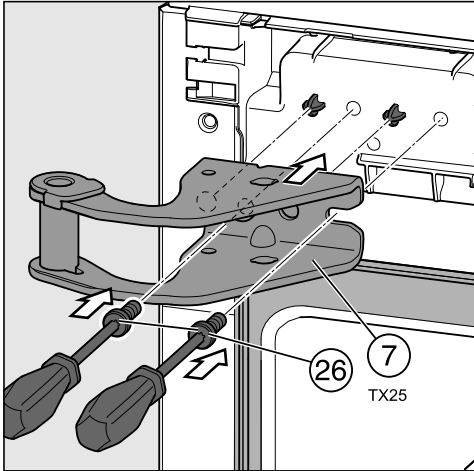
- Pull bearing bush (27) out of the guide on door hinge (7) and refit it on the opposite side.



- Push cover (28) off to the side.

## Changing the door hinging

- Turn the cover through 180° and refit it on the opposite side. Push on the cover from the side and click it into position.

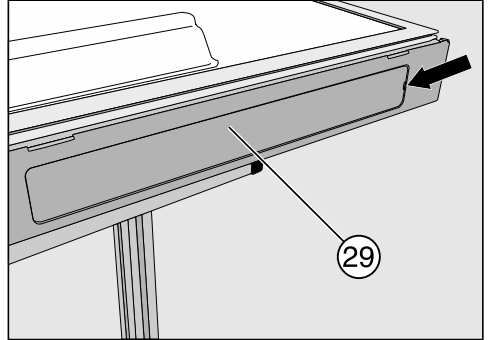


- Fit upper door hinge (7) onto the pins on the appliance.
- Secure door hinge (7) with screws (26).

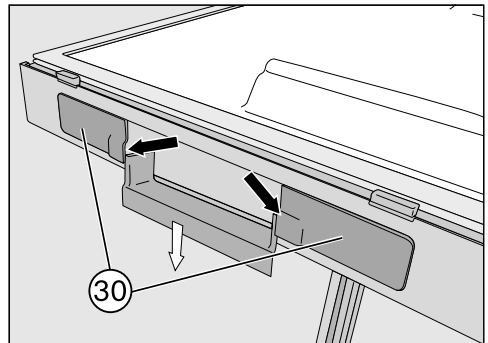
### Prepare the upper door

**Tip:** Spread a suitable cover over a stable surface to protect the appliance door from damage. Place the door on it with the outside facing down.

### Change the door opening aid over

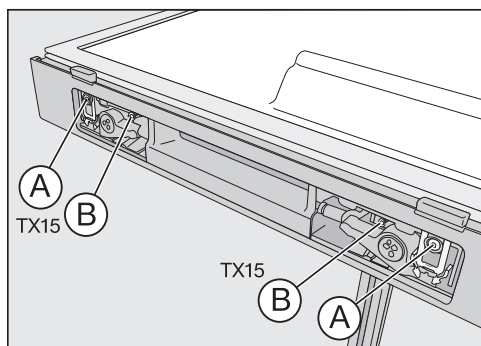


- Remove cover (29) from the opening for the recessed handle.

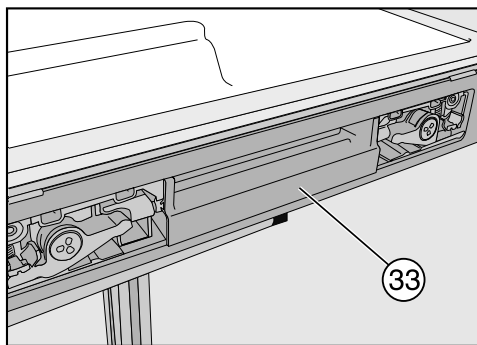


- Remove the covers (30) on the right and left of the recessed handle.

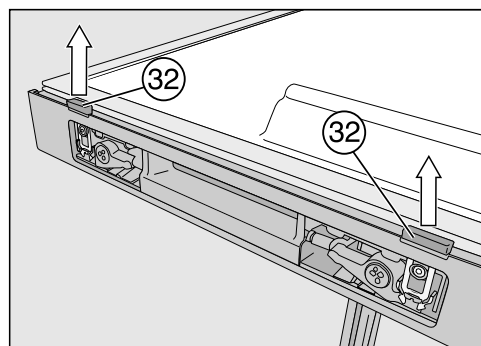
## Changing the door hinging



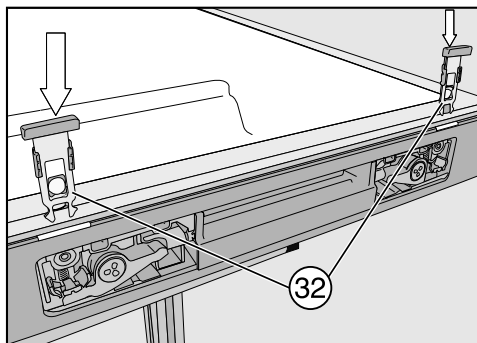
- Fully unscrew the screw with the grey plastic collar **A** and the screw without the collar **B**.



- Refit door opening aid **33** on the opposite side.

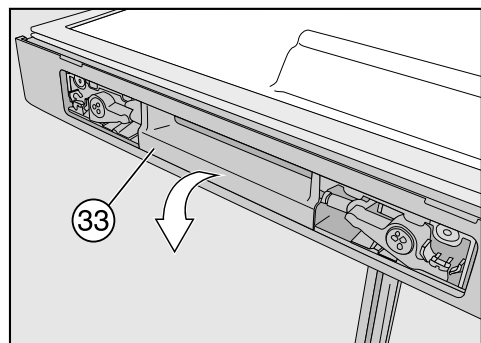


- Pull the door opening sliders **32** firmly upwards to remove them.



- Push door opening slider **32** through the slots until it clicks into position.

The flush side of the door opening slider must face the door seal. The plastic lug on the slider must not abut the door seal but must point towards the outer edge of the door.



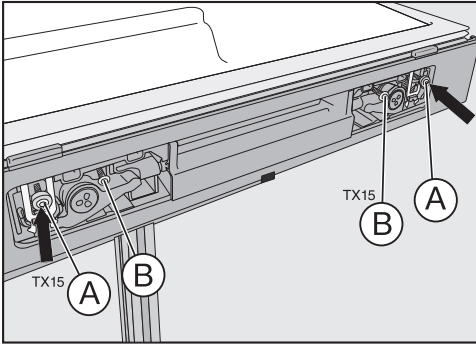
- Remove the door opening aid **33**.



## Changing the door hinging

### Change the soft-close mechanism over

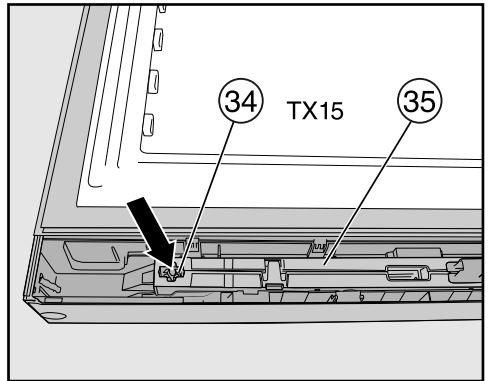
If you want to limit the door opening angle to approx. 90° you need to fit the door opening angle limiter supplied before refitting the soft-close mechanism (see “Door opening angle limiter”).



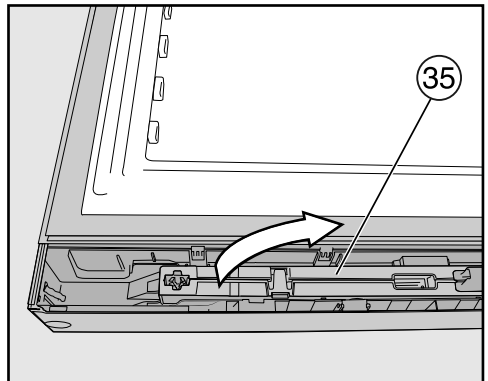
- Secure the door opening aid using the screw with the plastic collar (A) and the screw without a plastic collar (B). Do not overtighten the screws!

**Tip:** Check whether the door opening aid moves easily by pressing it. If it does not move freely, the screws should be loosened slightly.

- Fit covers (29) and (30).

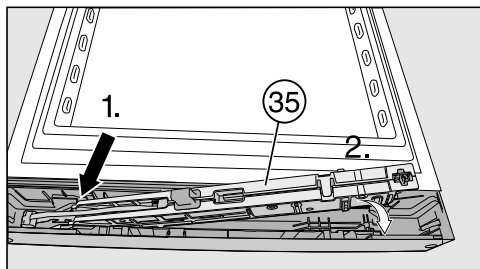


- Undo and remove screw (34) on soft-close mechanism (35) and insert a screwdriver behind the soft-close mechanism.



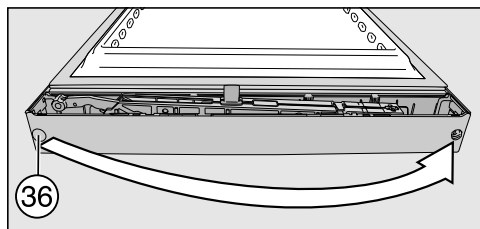
- Remove soft-close mechanism (35) and turn it through 180°.

# Changing the door hinging



- Insert soft-close mechanism (35) on the door hinge side (at an angle initially) so that it clicks into position.
- Then press the other end of the soft-close mechanism into the opening.
- Secure the soft-close mechanism with screw (34).

## Changing over the bearing bush stopper



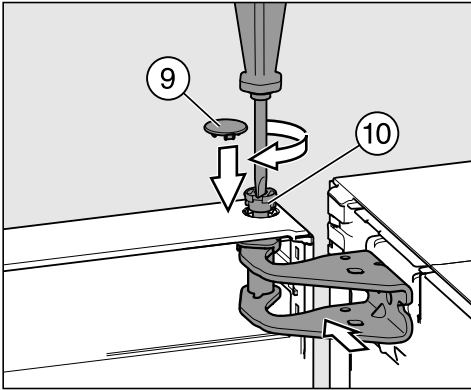
- Pull the stopper out of door bearing bush (36) and replace it on the opposite side.

## Refit the door



- Place the door (38) onto hinge pin (15) from above and guide the upper opening on the hinge side of the door onto the door hinge with the bearing bush.

## Changing the door hinging

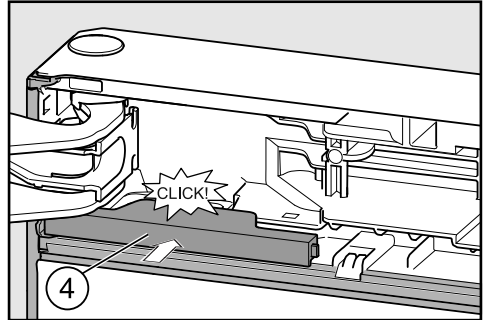


- Use your fingers to insert pin ⑩ into the door bearing bush.
- Screw in pin ⑩ (by approx.  $\frac{1}{4}$  turn) until it clicks into position.
- Fit safety cover ⑨ on to the pin.

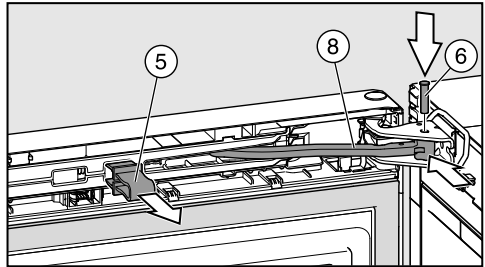
The appliance door is not secure until safety cover ⑨ has been correctly fitted.

### Secure the soft-close mechanism

- Open the door 90°.



- Push on cover ④ until it clicks into position.



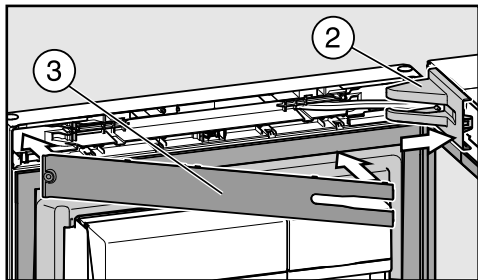
- Push hinged arm ⑧ into the opening on the door hinge.
- Insert pin ⑥ into the door hinge from above. Turn this with a screwdriver (by approx.  $\frac{1}{4}$  turn) until both lugs on the pin click into position correctly in the grooves.
- Pull out red safety aid ⑤.

**Tip:** Keep the red safety aid in case you want to change over the door hinging again at a later date.

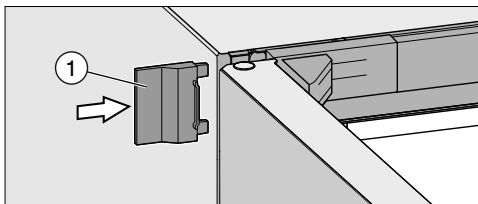
## Changing the door hinging

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### Fit the upper covers



- Fit cover ② on the door hinge.
- Fit panel ③ so that it clicks into position.



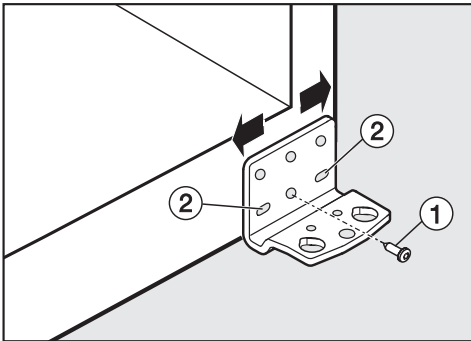
- Push on outer cover ①.
- Close the appliance door.

## Aligning the appliance doors

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.



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