

## Operating and Installation Instructions Fridge-freezer Combination



To prevent accidents and machine damage, read these instructions **before** installation or use.

# Contents

---

<b>IMPORTANT SAFETY INSTRUCTIONS</b> .....	4
<b>Caring for the environment</b> .....	13
<b>Saving energy</b> .....	14
<b>Guide to the appliance</b> .....	16
Control panel .....	16
Optional accessories .....	18
<b>Switching on and off</b> .....	19
Switching off for longer periods of time .....	21
<b>The correct temperature</b> .....	22
... in the refrigerator section .....	22
Automatic cold air circulation (DynaCool) .....	22
... in the Freezer Zone .....	22
Temperature display .....	23
Setting the temperature for the refrigerator and freezer .....	23
<b>Using Automatic SuperCool and SuperFreeze</b> .....	25
The Automatic SuperCool function in the refrigerator .....	25
The Automatic SuperCool function in the freezer .....	26
<b>Temperature and door alarm</b> .....	27
Temperature alarm .....	27
Door alarm .....	27
Turning off the acoustic alarm .....	27
<b>Selecting additional settings</b> .....	28
Settings mode .....	28
<b>Storing food in the refrigerator section</b> .....	31
Different storage zones .....	31
Food which is not suitable for storage in the refrigerator section .....	32
Notes on buying food .....	33
Storing food correctly .....	33
<b>Adjusting the interior fittings</b> .....	34
Adjusting the door shelf/bottle shelf .....	34
Adjusting the bottle holder .....	34
Moving the shelves .....	34
Fruit and vegetable drawer .....	34
<b>Freezing and storing food</b> .....	35
Maximum freezing capacity .....	35

---

What happens when you freeze fresh food? .....	35
Storing frozen food .....	35
Home freezing .....	36
Making ice cubes .....	39
Adjusting the interior fittings.....	39
<b>Defrosting</b> .....	40
<b>Cleaning and care</b> .....	41
Cleaning agents.....	41
Preparing the appliance for cleaning.....	42
Cleaning the interior and accessories .....	43
Cleaning the door seal .....	44
Cleaning the ventilation gaps .....	44
After cleaning .....	44
<b>Frequently Asked Questions</b> .....	45
<b>Causes of noises</b> .....	51
<b>Customer Service</b> .....	52
Contact in the event of a fault .....	52
Appliance warranty and product registration .....	52
<b>Installation</b> .....	53
Installation information .....	53
Installation location .....	53
Ventilation .....	54
Cabinet doors.....	56
Before installing the appliance .....	59
Installation dimensions.....	60
Adjusting the door hinge .....	61
Limiting the opening angle of the appliance doors .....	61
Adjusting the door hinge .....	61
Building in the appliance .....	64
Fitting the cabinet doors .....	72
Electrical connection .....	77

# IMPORTANT SAFETY INSTRUCTIONS

---

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

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

Miele expressly and strongly advises that you read and follow the instructions in the chapter on installing the refrigeration appliance, as well as the IMPORTANT SAFETY INSTRUCTIONS.

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

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

## **Appropriate use**

- ▶ This appliance is intended for use in domestic households and similar residential environments such as
  - staff kitchen areas in shops, offices and other working environments
  - farm houses and by clients in hotels, motels and other residential type environments
  - bed and breakfast type environments
  - catering and similar non-retail applications.

This appliance is not intended for use outdoors, in damp environments or in places exposed to rain.

# IMPORTANT SAFETY INSTRUCTIONS

---

▶ This appliance is intended for domestic use only for cooling and storing food and drink as well as for storing deep frozen food, freezing fresh food and for making ice.

Any other usage is not supported by the manufacturer and could be dangerous.

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

Miele cannot be held liable for damage resulting from incorrect or improper use or operation.

▶ This refrigeration appliance may only be used by people (including children) with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they are supervised while using it.

The refrigeration appliance may only be used by these people without supervision if they have been shown how to use it in a safe way and recognize and understand the consequences of incorrect operation.

## **Safety with children**

▶ To reduce the risk of injury, do not allow children to play in, on or near the appliance.

▶ Ensure that any packing material is disposed of safely and kept out of the reach of children. DANGER of suffocation!

## **Technical safety**

▶ The coolant circuit has been checked for leaks. The refrigeration appliance complies with statutory and regulatory requirements..

# IMPORTANT SAFETY INSTRUCTIONS

---



► This refrigeration appliance contains the coolant Isobutane (R600a), a natural gas which is environmentally friendly. Although it is combustible, it does not damage the ozone layer and does not contribute to 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 cooling circuit. Unfortunately, this cannot be avoided, but it does not affect the performance of the refrigeration appliance.

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

In the event of damage:

- Avoid open flames or anything which creates a spark.
- Disconnect the refrigeration appliance from the power supply.
- Ventilate the room where the refrigeration appliance is located for several minutes.
- Contact Miele Customer Service.

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

► 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.

## IMPORTANT SAFETY INSTRUCTIONS

---

- ▶ The electrical safety of the appliance can only be guaranteed when correctly grounded. 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 electricity supply.
- ▶ If the power cord is damaged, it must be replaced by a Miele authorized technician in order to protect the user from harm.
- ▶ Do not connect the appliance to the electrical supply with a power bar or extension cord. These are a fire hazard and do not guarantee the required safety of the appliance.
- ▶ If moisture gets into electrical components or into the power cord, it could cause a short circuit. Therefore, do not operate the machine in areas where there may be moisture or splashing water (e.g., garages, laundry rooms).
- ▶ This appliance must not be installed and operated in mobile installations (e.g. on a ship).
- ▶ Do not use a damaged appliance. It could be dangerous. Check the appliance for visible signs of damage.
- ▶ For safety reasons, this appliance may only be used after it has been built in.
- ▶ During installation, side-by-side heater installation, maintenance and repair work, the appliance must be disconnected from the electrical power supply. It is only completely isolated from the electricity supply when:
  - the circuit breaker has been tripped, or
  - the screw-type fuses on the electrical service panel have been removed or
  - the power cord has been unplugged. Pull on the plug and not on the cord when removing it from the outlet.

## IMPORTANT SAFETY INSTRUCTIONS

---

- ▶ Installation, repair, and maintenance work should only be performed by a Miele-authorized service technician. Work by unqualified persons could be dangerous and may void the warranty.
- ▶ Any manufacturer's warranty will be void if the appliance is not repaired by a Miele approved service technician.
- ▶ Defective components should only be replaced by Miele original parts. Only with these parts can the manufacturer guarantee the safety of the appliance.

# IMPORTANT SAFETY INSTRUCTIONS

---

## 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.
- ▶ **WARNING! DANGER** of overheating! Do not cover or block the air vents. This can impair the efficiency of the appliance, increase the power consumption and cause damage to the appliance.
- ▶ If storing food which contains a lot of fat or oil in the appliance, make sure that it does not come into contact with plastic components as this could cause stress cracks or break the plastic.
- ▶ Risk of fire and explosion. Do not store any explosive materials or products containing flammable propellants (e.g., spray cans) in the appliance. Electrical components can cause flammable mixes of gases to ignite.
- ▶ Risk of explosion. Do not operate any electrical equipment (e.g., an electric ice-cream maker) inside the refrigeration appliance. Risk 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.
- ▶ Risk of injury. Never handle frozen food or the metal parts of the appliance with wet hands. Your hands may freeze to the frozen food or to the metal.

## IMPORTANT SAFETY INSTRUCTIONS

---

- ▶ Risk of injury. Do not take ice cubes out with your bare hands and never place ice cubes or ice pops in your mouth straight from the freezer section. The very low temperature of the frozen food can cause frost burn to the lips and tongue.
- ▶ Do not refreeze partially or fully defrosted food. Consume defrosted food as soon as possible, as it will lose its nutritional value and spoil if left for too long. Defrosted food may only be refrozen after it has been cooked.
- ▶ When eating stored food, there is a danger 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. Observe the manufacturer's "use-by" dates and storage instructions.
- ▶ Use only genuine original Miele parts. If parts or accessories from other manufacturers are used, the warranty may become invalid.

### **Cleaning and maintenance**

- ▶ Do not use any oil or grease on the door seals. They can cause the seals to deteriorate over time.
- ▶ Never use a steam cleaner to clean the appliance. The steam can reach the electrical components and cause a short circuit.
- ▶ Sharp edged or pointed objects will damage the evaporator, causing irreversible damage to the appliance. Do not use sharp edged or pointed objects to
  - remove frost or ice,
  - separate frozen foods or remove ice trays.
- ▶ Never place electric heaters or candles in the appliance to defrost it. These can damage the plastic parts.

# IMPORTANT SAFETY INSTRUCTIONS

---

▶ 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**

▶ To avoid damage to the appliance, always transport it upright and in its packaging.

▶ Risk of injury and damage. The refrigeration appliance is very heavy and must be transported by 2 people.

## **Disposal of your old appliance**

▶ Children could become trapped in the machine and could suffocate.

- Remove the machine doors.
- Remove the drawers.
- Leave the adjustable shelves in the machine so children cannot climb inside.

▶ **DANGER** of electric shock!

- Cut the plug off the power cord.
- Cut the power cord off the old appliance.

▶ Dispose of them separately from the appliance.

▶ Ensure that the appliance is not stored in the vicinity of gasoline or inflammable gases and liquids during and after disposal.

▶ Make sure that the coolant pipework is not damaged during disposal to avoid uncontrolled leakage of oil and coolant (see data plate for coolant type).

▶ Splashes of coolant can cause damage to the eyes. Be careful not to damage any part of the pipework while awaiting disposal, e.g. by

- puncturing the coolant channels in the evaporator,
- kinking any pipework,

# IMPORTANT SAFETY INSTRUCTIONS

---

- scratching the surface coating.

## Symbol on the compressor (depending on model)

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



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

### Disposal of packaging 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.

Ensure that any plastic wrappings, bags, etc. are disposed of safely and kept out of the reach of children. Return the packaging to your dealer.

### Disposing of your old appliance

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



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

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

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

Please ensure that your old appliance poses no risk to children while being stored for disposal. For additional information, see "IMPORTANT SAFETY INSTRUCTIONS" in these operating and installation instructions.

# Saving energy

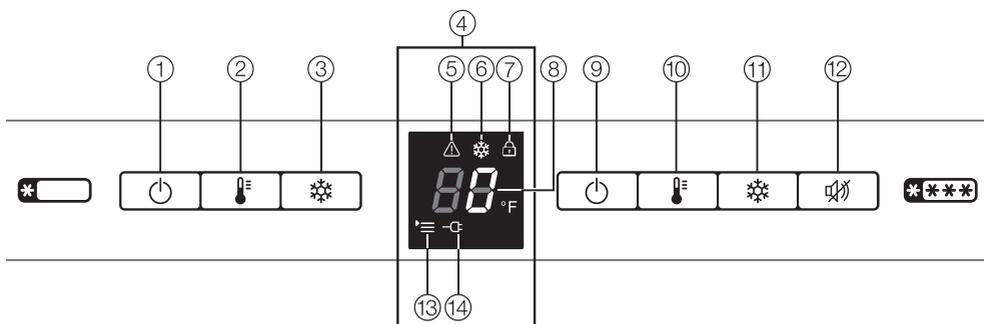
	<b>Normal energy consumption</b>	<b>Increased energy consumption</b>
<b>Installation / Maintenance</b>	In a well-ventilated room.	In an enclosed, poorly ventilated room.
	Protected from direct sunlight.	In direct sunlight.
	Away from heat sources (radiator, range/oven).	Near a heat source (radiator, oven).
	Where the ideal room temperature is approx. 68°F (20°C).	Where the ambient room temperature is above 77°F (25°C).
	Air vents uncovered and dusted regularly.	Where the ventilation openings are blocked and full of dust.
<b>Temperature setting</b>	39°F to 41°F (4°C to 5°C) in the refrigerator section	The lower the temperature in the appliance, the higher the energy consumption.
	0°F (-18°C) in the freezer section	

## Saving energy

	<b>Normal energy consumption</b>	<b>Increased energy consumption</b>
<b>Use</b>	The drawers, and shelves are 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 organized way.	Frequent opening of the door for long periods will cause a loss of coldness. The appliance will try to cool down and the compressor will run for longer periods.
	When shopping, use a cooler bag and place the food in the appliance as soon as possible. Replace any food removed as quickly as possible, before it warms up too much. Allow hot food and drinks to cool down before placing them in the appliance.	Hot food or food at room temperature raises the temperature inside the refrigeration appliance. The appliance will try to cool down and the compressor will run for longer periods.
	Store food well packaged or covered.	The evaporation or condensation of liquids in the refrigerator section will cause a loss of coldness.
	Place frozen food in the refrigerator section to defrost.	
	Do not overfill the appliance in order to allow the air to circulate.	Poor air circulation will cause a loss of coldness.

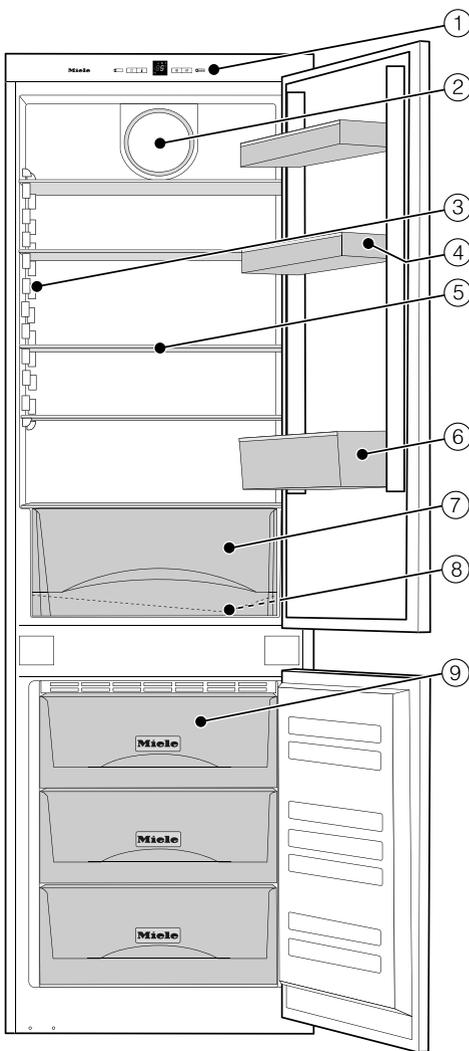
# Guide to the appliance

## Control panel



- ① On/Off button for switching the refrigerator section on or off
- ② Button for setting the temperature in the refrigerator section
- ③ Automatic SuperCool button
- ④ Display
- ⑤ Alarm symbol
- ⑥ Automatic SuperCool symbol
- ⑦ Lock symbol
- ⑧ Temperature display
- ⑨ Main On/Off button for switching the freezer section and the refrigerator section on or off
- ⑩ Button for setting the temperature in the freezer section
- ⑪ SuperFreeze button
- ⑫ Alarm off button
- ⑬ Menu symbol  
(Settings mode:  
For setting the temperature display °C / °F, or switching the safety lock on/off)
- ⑭ Power supply symbol

# Guide to the appliance



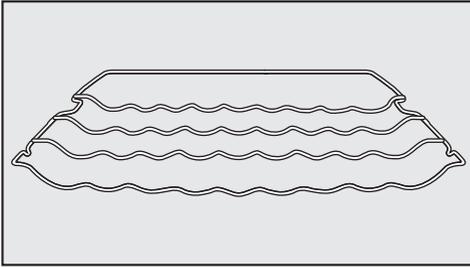
- ① Control panel
- ② Fan
- ③ Interior lighting
- ④ Egg tray / Door shelf
- ⑤ Shelf
- ⑥ Bottle shelf
- ⑦ Fruit and vegetable drawer
- ⑧ Condensate channel and drain hole
- ⑨ Freezer drawers

# Guide to the appliance

---

## Optional accessories

### Bottle rack



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

### Split shelf

In order to accommodate tall items in the appliance, one of the shelves is divided. The front section can be pushed under the rear section.

### All-purpose microfiber cloth

The microfiber cloth helps remove fingerprints and light soiling on surfaces made of stainless steel, appliance covers, windows, furniture, car windows, etc.

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

## Before first use

### Packaging material

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

### Protective foil

The stainless steel trim to the interior shelves and the door shelves has a layer of protective foil to prevent damage during transportation.

- Carefully remove the protective foil from the stainless steel trim.

### Cleaning

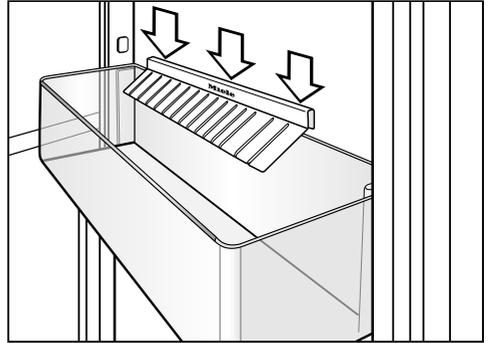
Please refer to the relevant instructions in “Cleaning and care”.

- Clean the inside of the appliance and the accessories.

## Accessories

### - Bottle holder

The non-slip fins of the bottle holder jut out into the bottle shelf and make bottles more secure when opening and closing the appliance door.



- Attach the bottle holder along the center rear edge of the bottle shelf.

# Switching on and off

---

## Switching on

To enable the temperature to get sufficiently cold inside the appliance, allow the appliance to run for a few hours before placing food in it.

Do not place food in the freezer section until the temperature is cold enough (at least 0°F / -18°C).

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



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

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

## Switching off



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

The refrigerator section and freezer section are switched off. If this does not happen, the safety lock is still activated (see "Selecting additional settings - To deactivate the safety lock).

The refrigerator section interior lighting will go out and the cooling process will be switched off.

## Turning off the refrigerator section separately

The refrigerator section can be turned off without having to turn off the freezer section. This is useful, e.g. while on vacation.



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

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

## Turning the refrigerator section back on again

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



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

The temperature display for the refrigerator section lights up. The refrigerator section starts to cool and the interior lighting comes on when the door is opened.

## Switching off for longer periods of time

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

It is essential to clean the refrigeration appliance.

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

- Turn the appliance off.
- Unplug the appliance or trip the circuit breaker.
- Clean the refrigeration appliance and leave the door ajar to air the appliance and avoid odors building up inside.

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

# The correct temperature

---

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

The temperature in the appliance will rise:

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

## ... in the refrigerator section

We recommend a temperature of **39°F (4°C)** in the refrigerator section.

### Automatic cold air circulation (Dyna-Cool)

The fan automatically turns on when the cooling system for the refrigerator section turns on. It distributes the temperature in the refrigerator section to all areas evenly so that all the food inside will be chilled to about the same degree.

## ... in the Freezer Zone

To freeze fresh food and to store frozen food for a long time, a temperature of **0°F (-18°C)** is required. At this temperature the growth of bacteria is generally halted. As soon as the temperature rises above 14°F (-10°C), the bacteria become active in the food again so it cannot be kept as long. For this reason, partially defrosted or defrosted food must not be re-frozen. Food may be re-frozen once it has been cooked (boiled or roasted), as the high temperatures achieved when cooking destroy most bacteria.

## Temperature display

In normal operation, the temperature display shows the **actual mean refrigerator temperature** and the current temperature **in the warmest part of the freezer**.

The relevant **temperature display flashes** when a different temperature is being set.

**Dashes flash in the freezer section temperature display** if the temperature in the freezer section is outside the range of the temperature display. At the same time an alarm will sound.

The required temperature will also flash in the **freezer section temperature display** if the temperature in the freezer section has risen by several degrees.

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

- if the appliance doors were left open or for longer than usual, e.g. when a large amount of food is being loaded or taken out.
- fresh food is being frozen.

 if the temperature in the freezer remains above 0°F (-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.

## Setting the temperature for the refrigerator and freezer

The temperature can be selected within the following ranges:

- from 34°F (1°C) to 46°F (7°C) in the refrigerator section.
- from 7°F (-15°C) to -15°F (-26°C) in the freezer section.

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

# The correct temperature

---



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

When you press the button for the first time the actual temperature for the relevant section is displayed.

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

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

The newly selected temperature will be adopted automatically after a short while and will appear in the temperature display.

The set refrigerator section temperature will light up. The set freezer section temperature will flash until it reaches this value.

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

# Using Automatic SuperCool and SuperFreeze

## The Automatic SuperCool function in the refrigerator

The Automatic SuperCool function can be used to rapidly reduce the temperature in the refrigerator section to its lowest setting (depending on the room temperature).

Automatic SuperCool is particularly recommended for the fast chilling of large amounts of fresh food or drink.

### Turning on Automatic SuperCool



- Press the Automatic SuperCool button.

The Automatic SuperCool symbol ❄️ will light up. The appliance will work at full power to lower the temperature in the refrigerator section.

### Turning off Automatic SuperCool

The Automatic SuperCool function switches off automatically after approx. 12 hours. The Automatic SuperCool symbol ❄️ will go out and the appliance will then continue to work at normal power.

To save energy, the Automatic SuperCool function can be turned off once food and drinks are sufficiently chilled.



- Press the Automatic SuperCool button until the symbol ❄️ goes out.

The appliance will continue running at normal power.

# Using Automatic SuperCool and SuperFreeze

---

## The Automatic SuperCool function in the freezer

For best results, turn on Automatic SuperCool before putting fresh food into the freezer.

Fresh food will be frozen quickly, so that the nutritional value, vitamin content, appearance and taste are maintained.

### Exceptions:

- if you have already put frozen food into the freezer.
- when freezing up to 2.2 lbs (1 kg) fresh food daily.

## Turning on Automatic SuperCool

When freezing small quantities of food in the freezer, the Automatic SuperCool function should be turned on **6 hours beforehand**. When freezing the **maximum load of food**, the Automatic SuperCool function should be turned on **24 hours beforehand**.



- Press the Super freeze button briefly.

The SuperFreeze symbol ❄️ will light up. The appliance will work at full power to lower the temperature in the appliance.

## Turning off SuperFreeze

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

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



- Press the SuperFreeze button until the symbol ❄️ goes out.

The appliance will continue running at normal power.

# Temperature and door alarm

Your appliance is equipped with a warning system to ensure that temperature increases in the freezer section do not go unnoticed and also prevents energy from being wasted when a door is left open.

## Temperature alarm

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

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

The audio and visual signals are triggered, for example:

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

The alarm will stop, the temperature display will light up constantly again and the alarm symbol  will go out as soon as the temperature has dropped to the correct level again.

 if the temperature in the freezer remains above 0 °F (-18 °C) for a long time, check that the frozen food has not started to defrost.

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

## Door alarm

The alarm will sound if a door is left open for more than 180 seconds.

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

## Turning off the acoustic alarm

If the acoustic alarm disturbs you, it can be switched off.



- Touch the alarm off button.

The alarm will stop.

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

# Selecting additional settings

## Settings mode

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

Activating and deactivating the safety lock	c
Setting the temperature display °C/°F	o

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

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

## Activating and deactivating the safety lock

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

### - To activate the lock



- Press the SuperFreeze button for approx. 5 seconds.

The menu symbol '≡ will light up and c will start flashing in the display. Settings mode is now activated.



- Press the SuperFreeze button briefly to access the lock function.

c/l appears in the display.



- Press the SuperFreeze button briefly to activate the lock.

The lock symbol  will light up.



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

The temperature will appear in the display.

## Selecting additional settings

### - To deactivate the lock



- Press the SuperFreeze button for approx. 5 seconds.

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

Settings mode is now activated.



- Press the SuperFreeze button briefly to access the lock function.

 appears in the display.



- Press the SuperFreeze button briefly to deactivate the lock.

The lock symbol  will go out.



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

The temperature will appear in the display.

### Changing the temperature unit (Celsius or Fahrenheit)

The temperature can be displayed in either Fahrenheit °F or Celsius °C. °F is set as default at the factory.

### - To change the temperature display to Celsius



- Press the SuperFreeze button for approx. 5 seconds.

The menu symbol  will light up and  will start flashing in the display. Settings mode is now activated.



- Press the button for setting the temperature briefly to access the "Change temperature unit" function.

 will start flashing in the display.



- Press the SuperFreeze button briefly to select °C.

°C appears in the display.



- Press the SuperFreeze button again to confirm your selection.

 will start flashing in the display.

# Selecting additional settings

---



- Press the main On/Off button to exit Settings mode.

The temperature will now be displayed in Celsius.

## – To change the temperature display to Fahrenheit



- Press the SuperFreeze button for approx. 5 seconds.

The menu symbol '≡ will light up and  $\epsilon$  will start flashing in the display. Settings mode is now activated.



- Press the button for setting the temperature briefly to access the “Change temperature unit” function.

$\epsilon$  will start flashing in the display.



- Press the SuperFreeze button briefly to select °F.

°F appears in the display.



- Press the SuperFreeze button again to confirm your selection.

$\epsilon$  will start flashing in the display.



- Press the main On/Off button to exit Settings mode.

The temperature will now be displayed in Fahrenheit.

# Storing food in the refrigerator section

Do not load more than a maximum of 35 lb (16 kg) of food in the appliance door.

 Risk of fire from electrical appliances.

Operating electrical devices in the appliance can cause sparks to form. Do not operate any electrical devices inside the appliance.

 Risk of explosion due to flammable mixes of gases.

Electrical components can cause flammable mixes of gases to ignite. Do not store any explosive materials or products containing flammable propellants (e.g., spray cans) in the appliance. The spray cans in question can be identified by the contents printed on the can or by a flame symbol. Electrical components can cause escaping gases to ignite.

 Risk of damage due to greasy or oily foods.

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.

Make sure that no fat or oil leaks onto the plastic parts of the appliance.

## Different storage zones

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

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

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

If there is insufficient air circulation, the cooling performance will decrease and energy consumption will increase.

Do not cover the fan in the rear wall of the appliance.

**Tip:** Do not store food in such a way that it touches the rear wall of the refrigerator section as it may freeze to the rear wall.

This appliance has DynamicCooling, which helps to keep an even temperature when the fan is running. When DynamicCooling is turned on, the difference between the various zones is less pronounced.

# Storing food in the refrigerator section

---

## Warmest area

The warmest area in the refrigerator section is in the top section of the door. Use this for storing butter so that it remains spreadable and cheese so that it retains its flavor.

## Coldest area

The coldest area in the Fridge Zone is directly above the fruit and vegetable drawer and at the back of the appliance.

Use these areas to store all delicate and highly perishable food, e.g.,

- fish, meat, poultry,
- cold cuts, ready-made meals,
- dishes or baked goods containing eggs or cream,
- fresh dough, cake mixtures, pizza or pie dough,
- raw milk cheese and other raw milk products,
- pre-packed vegetables and other fresh food whose best-before date requires storage at a temperature of at least 39°F (4°C).

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

Not all food is suitable for refrigeration at temperatures below 41°F (5°C) because it is sensitive to cold. Depending on the type of food, the appearance, consistency, flavor, and/or vitamin content may be altered if stored at too cold a temperature.

Foods which are sensitive to cold include:

- Pineapples, avocados, bananas, pomegranates, mangoes, melons, papayas, passion fruit, citrus fruits such as lemons, oranges, mandarins, grapefruits
- Fruit (which is not yet ripe)
- Eggplants, cucumbers, potatoes, peppers, tomatoes, zucchini
- Hard cheeses (e.g., Parmesan)

# Storing food in the refrigerator section

---

## Notes on buying food

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

Take into account the use-by date and the correct storage temperature.

Time out of the refrigerator, e.g., transporting food in a warm car, should be kept to a minimum.

**Tip:** Take a cool bag when shopping, and load food in the appliance as soon as possible.

## Storing food correctly

Food should generally be stored **covered or packaged** in the refrigerator section. This will prevent food smells from affecting other food, food from drying out, and also any cross-contamination of bacteria. This is especially important for storing protein-based food such as meat or fish.

The growth of bacteria, such as salmonella, can be avoided by setting the correct temperature and maintaining good standards of hygiene.

## Fruit and vegetables

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

## Protein rich food

Please note that foods rich in protein deteriorate faster than others. Shellfish, for example, deteriorates faster than fish, and fish deteriorates faster than meat.

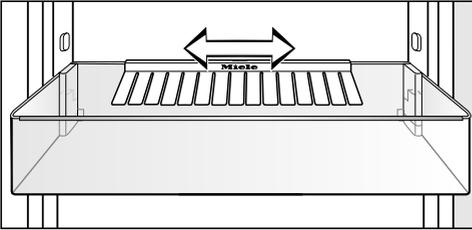
# Adjusting the interior fittings

## Adjusting the door shelf/bottle shelf

**Tip:** Only move the door shelves/bottle shelves in the door when they are empty.

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

## Adjusting the bottle holder



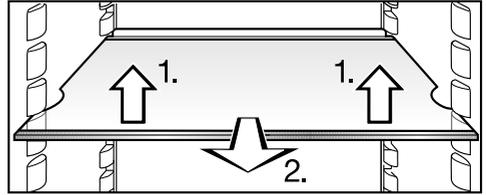
The bottle holder can be moved left or right, thus creating more room for drink cartons.

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

- Lift up the bottle shelf and pull it forward to remove it.
- Detach the bottle holder from the back edge of the bottle shelf.

## Moving the shelves

The shelves can be adjusted according to the height of the food.



- Lift the shelf at the front, pull it forwards slightly, lift the recess over the shelf supports and move the shelf up or down.

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

Stoppers prevent the shelves from being dislodged by mistake.

## Fruit and vegetable drawer

The fruit and vegetable drawer is on rollers and can be removed for filling, emptying or cleaning purposes.

# Freezing and storing food

Always observe USDA food safety guidelines.

 Risk of fire from electrical appliances.

Operating electrical devices in the appliance can cause sparks to form. Do not operate any electrical devices inside the appliance.

## 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 ....lbs/24 hrs."

## What happens when you freeze fresh food?

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

Food which takes a long time to freeze will lose more water from its cells, which then shrink. During the defrosting process, only some of this water is re-absorbed by the cells. What this means in practice is that the food loses more moisture. You can see this in the large amount of water that collects around the food when it defrosts.

If food is frozen quickly, the cells have less time to lose moisture, so they shrink less. As there is not so much moisture loss, it is easier for the food to

reabsorb it during the defrosting process, and very little water collects around the defrosted food.

## Storing frozen food

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

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

- that the packaging is not damaged
- the expiration date
- the temperature at which the frozen food is being stored in the store

The length of time food can be kept is reduced if it has been stored at a temperature warmer than 0°F (-18°C).

- Buy frozen food at the very end of your shopping trip.
- Store it in the freezer compartment as soon as possible.

# Freezing and storing food

---

## Home freezing

Only freeze food that is fresh and in good condition.

### Tips for home freezing

- The following types of food are **suitable for home freezing**: fresh meat, poultry, game, fish, vegetables, herbs, fresh fruit, dairy products, baked goods, leftovers, egg yolks, egg whites, and a range of pre-cooked meals.
- The following types of food **are not suitable for freezing**: lettuce, radishes, sour cream, mayonnaise, whole eggs in their shells, onions, whole raw apples and pears.
- To retain color, 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. Then, remove and plunge the vegetables into ice-cold water to cool quickly. Leave the vegetables to drain.
- 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. to prevent them from freezing together in a block.
- Do not season raw food or blanched vegetables with herbs or salt before freezing. Cooked food should only be lightly seasoned. The flavor of some herbs intensifies when frozen.

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

### Packaging food for freezing

- Freeze food in portions.
  - **Suitable packaging**
    - Plastic films
    - Freezer bags
    - Aluminum foil
    - Freezer containers
  - **Unsuitable packaging**
    - Packing paper
    - Parchment paper
    - Cellophane
    - Garbage bags
    - Plastic shopping bags
  - Remove as much air as possible from the packaging before sealing.
  - Close the packaging tightly with
    - rubber bands,
    - bag clips,
    - string or bag ties, or
    - freezer tape.
- Tip:** Freezer bags and poly tubing may also be sealed using home heat sealing kits.
- Label the packaging with the contents and the date of freezing.

# Freezing and storing food

## Before placing food in the freezer

- When freezing more than 2 lbs (1 kg) of fresh food, switch on the Super freeze function for some time before placing the food in the freezer (see “Using Super cool and Super freeze - Super freeze function”).

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

## Placing food in the freezer

 Risk of damage due to heavy loads.

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

Do not exceed the relevant maximum load:

- freezer drawer = 55 lb (25 kg)
- glass shelf = 77 lb (35 kg)

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

- Ensure that the packaging and containers are dry to prevent them from freezing together or to the walls.

## – Freezing small amounts of food

Place the food in the lower freezer drawers.

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

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

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

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

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

Once the food has frozen:

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

# Freezing and storing food

## Storage time for frozen food

The storage life of food is very variable, even at a constant temperature of 0°F (-18°C). Decomposition processes also take place in frozen food, albeit at a very reduced speed. Fat can become rancid from contact with oxygen in the air, for example. 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 Zone.

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 goods

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

Frozen food can be defrosted in different ways:

- In a microwave
- In an oven using “Convection” or the “Defrost” setting
- At room temperature
- In the Fridge Zone (the cold given off by the frozen food helps to keep the other food cold)
- In a steam oven

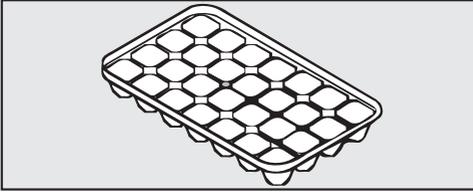
**Flat pieces of partially thawed meat or fish** can be placed directly into a hot skillet.

**Meat and poultry** (e.g., hamburgers, chicken, fish) should not come into contact with other foods while defrosting. Catch the defrosting liquid and dispose of it carefully.

**Fruit** can be thawed at room temperature, either in the packaging or in a covered bowl.

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

## Making ice cubes



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

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

## Cooling drinks quickly

 Risk of injury from broken glass! Bottles and cans of drinks, particularly carbonated drinks, can burst when frozen. Do not freeze any drinks in bottles or cans.

## Adjusting the interior fittings

### Removing the drawers and glass plates from the freezer

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

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

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

# Defrosting

---

 **WARNING! DANGER** of injury and damage!

Do not use any mechanical or other types of aids which are not recommended by the manufacturer to accelerate the defrosting process.

## Refrigerator section

The refrigerator defrosts automatically.

Condensate and frost can build-up on the back wall of the refrigerator when the compressor is running. There is no need to remove it, since it will evaporate automatically with the warmth generated by the compressor.

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

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

## Freezer Zone

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

The moisture generated in the appliance collects on the condenser and is automatically defrosted and evaporates periodically.

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

 **WARNING! DANGER** of electric shock!

Unplug the appliance or trip the circuit breaker.

 **WARNING! Fire hazard!**

Do not damage the coolant pipework.

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

 Risk of damage due to moisture penetration.

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

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

Cleaning water must not get into the drain hole.

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

## Cleaning agents

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

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

- cleaning products containing soda, ammonia, acid, or chloride,
- lime scale removers,
- abrasive cleaning products, such as scouring powder, scouring liquid, or pumice stones,
- cleaners containing solvents,
- stainless steel cleaners,
- dishwasher detergent,
- oven sprays,
- glass cleaning agents,
- hard, abrasive sponges and brushes, such as pot scrubbers,
- eraser sponges,
- sharp metal scrapers.

We recommend using a clean sponge, lukewarm water with a little liquid dish soap to clean the surfaces of the appliance.

The following pages contain important information on cleaning.

## Cleaning and care

---

### Preparing the appliance for cleaning

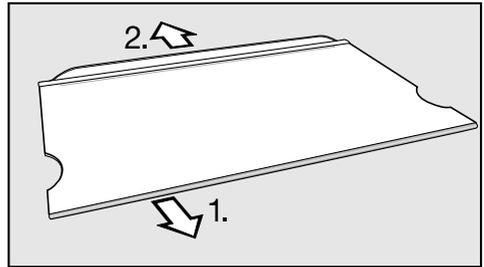
- Turn the appliance off.

The display goes out and the cooling function is turned off.

- Unplug the appliance or switch off the breaker.
- Take any food out of the appliance and store it in a cool place.
- Take out all other removable parts for cleaning.

### Adjustable shelf

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



- Remove the trim:
  1. Pull the stainless steel strip off the shelf beginning at one side.
  2. Then pull the protective strip off.
- After cleaning the shelf reattach the trim to the adjustable shelf.

## Cleaning the interior and accessories

Clean the appliance at least once a month.

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

- Clean the interior with lukewarm water and liquid dish soap applied with a soft sponge. After cleaning, wipe with a clean, damp cloth and then dry with a soft cloth.

The stainless steel trim on the adjustable shelves is **not suitable** for cleaning in a dishwasher. Remove the stainless steel trim and strips before putting the shelves into the dishwasher.

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

- the stainless steel trim
  - the protective strips at the back of the adjustable shelves
  - all drawers and drawer lids (depending on model)
- Clean these parts by hand.

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

The maximum temperature of the dishwashing program selected must not exceed 131°F (55°C).

Contact with natural dyes from carrots, tomatoes and ketchup etc. may discolor the plastic parts in the dishwasher.

This discoloration does not affect the stability of the parts.

- the bottle holder, egg tray, ice cube tray (depending on model)
  - the shelves and bottle shelf in the door
  - the adjustable shelves (with the trim and strips removed)
- Clean the condensate channel and drain opening more frequently using a cotton swab, or similar, so that condensate can drain away unobstructed.
- Leave the door open to air the appliance for a short while and to prevent odors building up.

# Cleaning and care

---

## Cleaning the door seal

 Risk of damage as a result of incorrect cleaning.

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

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

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

## Cleaning the ventilation gaps

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

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

## After cleaning

- Replace all shelves and accessories in the appliance.
- Reconnect to the power outlet and switch the appliance back on.
- Switch on the SuperFreeze function for a while so that the freezer section can cool down quickly.
- Switch on the Automatic SuperCool function for a while so that the refrigerator section can cool down quickly.
- Place food back in the appliance and close the door.
- Once the temperature in the freezer section is cold enough, you can place the food in the freezer drawers and return the drawers to the freezer.
- As soon as the freezer section reaches a constant temperature of at least 0°F (-18°C), press the SuperFreeze button to turn off the function.

## Frequently Asked Questions

With the help of the following guide minor faults in the performance of the machine, some of which may result from incorrect operation, can be remedied without contacting the Service Department.

This guide may help you to find the reason for the fault, and how to correct it.

To prevent cold from escaping, open the appliance doors as little as possible until the fault has been corrected.

Problem	Possible cause and solution
<b>The appliance is not getting cold, the interior lighting does not come on when the door is opened, and the display is not lit up.</b>	The appliance is not switched on and the power supply symbol  is lit up in the display. ■ Switch the appliance on.
	The plug is not properly plugged into the electrical outlet. ■ Insert the plug correctly into the socket. The power supply symbol  appears in the display when the appliance is switched off.
	Check whether the 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 Technical Service for assistance.

## Frequently Asked Questions

Problem	Possible cause and solution
<b>The compressor runs continuously.</b>	Not a fault. To save energy, the compressor runs at a lower speed when less cooling is required. This increases the compressor run time.
<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 ventilation slits in the cabinetry have been covered or become too dusty.</p> <ul style="list-style-type: none"> <li>■ Do not block the ventilation slits.</li> <li>■ Clean the ventilation slits on a regular basis.</li> </ul>
	<p>The doors have been opened too frequently, or a large amount of fresh food has been put in at once for storage or freezing.</p> <ul style="list-style-type: none"> <li>■ Only open the doors when necessary and for as short a time as possible.</li> </ul> <p>After a while the temperature will return to normal by itself.</p>
	<p>The doors are 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 doors.</li> </ul> <p>After a while the temperature will return to normal by itself.</p> <p>If a thick layer of ice has formed, it will decrease the cooling capacity and increase the energy consumption.</p> <ul style="list-style-type: none"> <li>■ Defrost the appliance and clean it.</li> </ul>
	<p>The room is too warm. The higher the room temperature, the longer the compressor has to run.</p> <ul style="list-style-type: none"> <li>■ See “Installation location”.</li> </ul>
	<p>The appliance was not properly installed in the niche.</p> <ul style="list-style-type: none"> <li>■ See “Installation - Building in the appliance”.</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>■ Correct the temperature setting.</li> </ul>
	<p>The SuperFreeze function is still switched on.</p> <ul style="list-style-type: none"> <li>■ You can turn off the Automatic SuperCool function earlier to save energy.</li> </ul>

## Frequently Asked Questions

Problem	Possible cause and solution
<p><b>The compressor comes on less and less often and for shorter periods of time. The temperature in the appliance rises.</b></p>	<p>This is not a fault. The temperature setting is too high.</p> <ul style="list-style-type: none"> <li>■ Correct the temperature setting.</li> <li>■ Check the temperature again after 24 hours.</li> </ul> <p>The food begins to thaw. The ambient temperature is too low for this appliance. If the ambient 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 the information in the section on “Installation – Installation location”.</li> <li>■ Increase the ambient temperature.</li> </ul>
<p><b>An LED indicator light is flashing at the back of the refrigerator at the bottom near the compressor (depending on model). The electronic for the compressor is equipped with an operation and fault diagnosis LED indicator light.</b></p>	<p>The indicator light flashes several times every 5 seconds. A fault has occurred.</p> <ul style="list-style-type: none"> <li>■ Contact Customer Service.</li> </ul> <p>The indicator light flashes regularly every 15 seconds. This is not a fault. This flashing is normal.</p>
<p><b>The door seal is damaged and needs to be replaced.</b></p>	<p>No tools are required to change the door seal.</p> <ul style="list-style-type: none"> <li>■ Contact Miele Service.</li> </ul>
<p><b>Ice or condensation has built up inside the appliance.</b></p>	<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>

# Frequently Asked Questions

## Messages in the display

Message	Possible cause and solution
The  symbol lights up in the display. You cannot switch the appliance off.	The <b>safety lock</b> has been activated. <ul style="list-style-type: none"><li>■ Completely deactivate the safety lock (see “Selecting additional settings”, section “Activating and deactivating the safety lock”).</li></ul>
The alarm symbol  and the temperature display are flashing.	The temperature in the appliance is too warm. For instance, this could be due to: <ul style="list-style-type: none"><li>– the door being opened too frequently,</li><li>– a large quantity of fresh food has been placed in the freezer at once without turning on the SuperFreeze function.</li><li>– a lengthy interruption to the power supply.</li></ul> ■ Rectify the cause of the alarm. <p>The alarm will stop and the alarm symbol  will go out when the temperature reaches the correct level again.</p> ■ Depending on the temperature displayed, you should check the condition of food in the freezer. If it has defrosted or started to defrost, check that it is still safe to use and, if so, use it as soon as possible. Defrosted food may only be re-frozen after it has been cooked.
The  symbol lights up in the display, the appliance does not get cold, although the controls and the interior lighting are working.	Demo mode is switched on. This allows the appliance to be presented in the showroom without the cooling system being switched on. Do not activate this setting for domestic use. <ul style="list-style-type: none"><li>■ Contact Miele Technical Service for information on deactivating Demo mode.</li></ul>
“F0 to F9” appears in the display.	There is a fault. <ul style="list-style-type: none"><li>■ Contact Miele Technical Service.</li></ul>

# Frequently Asked Questions

## The interior lighting is not working.

Problem	Possible cause and solution
<b>The interior lighting is not working.</b>	<p>The appliance has not been switched on.</p> <ul style="list-style-type: none"><li>■ Switch the appliance on.</li></ul> <p>To avoid overheating, the lighting turns itself off automatically after approx. 15 minutes if the door is left open. If this is not the case, then there is a fault.</p> <div data-bbox="404 432 1039 624" style="border: 1px solid gray; padding: 5px;"><p> <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 authorized service technician.</p></div> <div data-bbox="404 639 1039 927" style="border: 1px solid gray; padding: 5px;"><p> <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).</p></div> <ul style="list-style-type: none"><li>■ Contact Miele Technical Service.</li></ul>

# Frequently Asked Questions

---

## Other problems

Problem	Possible cause and solution
<b>The door to the Freezer Zone will not open because it has been opened and closed too many times in succession.</b>	This is not a fault. The suction caused by opening and closing the door is preventing the door from opening. Wait approx. 1 minute and then try again. It should now open without force.
<b>Food has frozen together or to the wall.</b>	The food packaging was not dry when loaded in the freezer. ■ Use a blunt instrument (such as a spoon handle) to carefully pry them apart.
<b>The external walls of the appliance feel warm.</b>	This is not a fault. The warmth created by the evaporator is used to prevent condensation.
<b>The floor of the refrigerator section is wet.</b>	The drain hole is blocked. ■ Clean the condensate channel and the drain hole.

## Causes of noises

Normal noises	Cause
<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>Blub, blub...</b>	A gurgling noise can be heard when the coolant circulates through the pipes.
<b>Click...</b>	Clicking sounds occur whenever the thermostat switches the motor on or 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.
Please bear in mind that a certain amount of noise is unavoidable (from the compressor and the coolant circulating through the system).	

Noises	Possible cause and solution
<b>Rattling, clinking</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.
	The transport cable clips are hanging loose at the back of the appliance. Remove the cable clips.

# Customer Service

---

## Contact in the event of a fault

In the event of a fault which you cannot remedy yourself, please contact your Miele dealer or Miele Customer Service.

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

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

Please quote the model identifier and serial number of your appliance (SN) when contacting Miele Customer Service. Both pieces of information can be found on the data plate.

You will find the data plate inside your appliance.

## Appliance warranty and product registration

You can register your product and/or view the manufacturer's warranty terms and conditions for Miele appliances and vacuum cleaners at [www.mieleusa.com](http://www.mieleusa.com).

## Installation information

 **WARNING!** This appliance must be built in, otherwise it could tip over!

Install the appliance in accordance with the installation instructions.

 **Fire hazard and risk of damage!** The appliance must not be installed underneath a cooktop.

## Installation location

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

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

When installing the appliance, please note:

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

 Risk of damage due to high humidity.

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

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

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

## Climate class

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

Climate class	Room temperature
SN	50°F to 90°F / 10°C to 32°C
N	60°F to 90°F / 16°C to 32°C
ST	60°F to 100°F / 16°C to 38°C
T	60°F to 109°F / 16°C to 43°C

Operating in a room which is too cold will cause the compressor to turn off for too long, causing the internal temperature in the appliance to rise, resulting in damage.

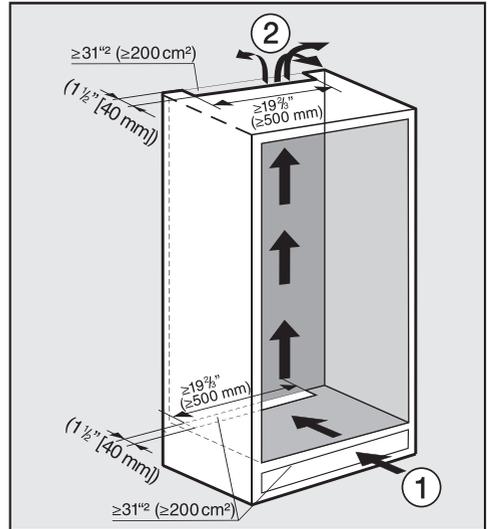
# Installation

## Ventilation

**⚠ WARNING! Fire hazard!**  
Operation of the appliance is limited.  
Keep the ventilation slits free from obstruction.

**⚠** If the ventilation slits are not kept free and unobstructed the compressor will switch on more often and will run for longer.  
This can cause higher energy consumption and to an increased compressor operating temperature, which can result in damage to the compressor.  
Do not block the ventilation slits.

The air at the back wall of the appliance warms up. Therefore the cabinet must be constructed in such a way that ensures unhindered ventilation (see “Built-in dimensions”).



- The air influx ① enters via the toe-kick and the air outlet ② is at the top at the rear of the cabinet.
- To ensure ventilation an air channel of a minimum 9/16" (40 mm) depth must be provided at the back of the appliance.
- The ventilation slits in the toe-kick, in the cabinet and under the top of the cabinet must provide a total passage volume of at least 31 square inches to allow the warm air to dissipate unimpeded.

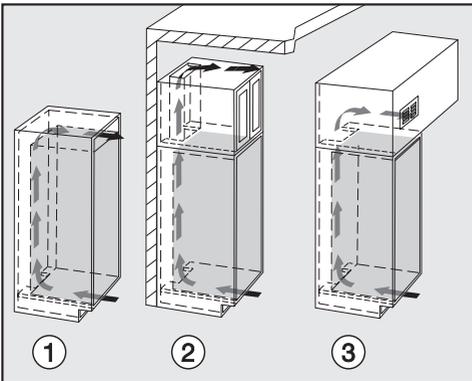
If you wish to fit a grille in the ventilation openings, the ventilation openings must be larger than 31 square inches. The passage volume of 31 square inches is the total area of the opening slits in the grille.

- Important! The larger the ventilation slits, the more economically the appliance will work.

The ventilation slits must not be blocked or obstructed in any way. Clean the ventilation slits on a regular basis.

## Top ventilation gap

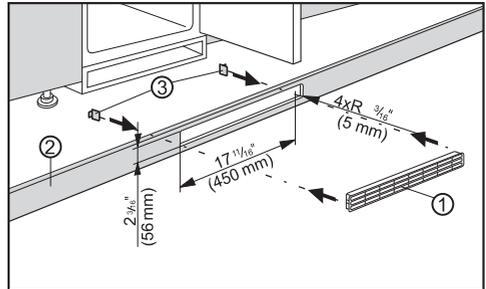
The ventilation gap at the top of the appliance can be constructed in different ways:



- ① Directly above the appliance with a ventilation grille (free airflow of at least 31 sq inches (200 cm<sup>2</sup>))
- ② Between the kitchen cabinetry and the ceiling
- ③ In a suspended ceiling

## Lower ventilation slit

The appliance can be ventilated via the cabinet plinth with the ventilation grille supplied or with a minimum ventilation opening of 31 square inches cross-section area. When using the grille supplied, please proceed as follows:



- Cut an opening in plinth ② as shown in the diagram.
- Place ventilation grille ① in the opening.
- Push snap fasteners ③ into the ventilation grille from behind until the hooks touch the plinth.
- Reinstall the plinth with the ventilation grille.

# Installation

## Cabinet doors

An upper cabinet door for the refrigerator section and a lower cabinet door for the freezer section are required.

The cabinet doors must be at least 5/8" (16 mm) / 3/4" (19 mm) thick.

 If the cabinet doors are too heavy, this can cause damage!

Fitted cabinet doors that exceed the permissible weight can cause damage to the hinges, which can affect the functioning of the appliance.

Before fitting cabinet doors, ensure that the weight of the door does not exceed the maximum permitted.

Appliance	Maximum weight of cabinet door	
	Upper cabinet door	Lower cabinet door
KFN 37232 iD	37.5 lbs (17 kg)	26.5 lbs (12 kg)

## Calculation of cabinet door size

The **width of the cabinet door** depends on the style of the kitchen and the gap between the unit door panels.

When calculating the **height of the cabinet door**, remember that the top edge of the door must be at the same height as that of the doors of the adjacent units.

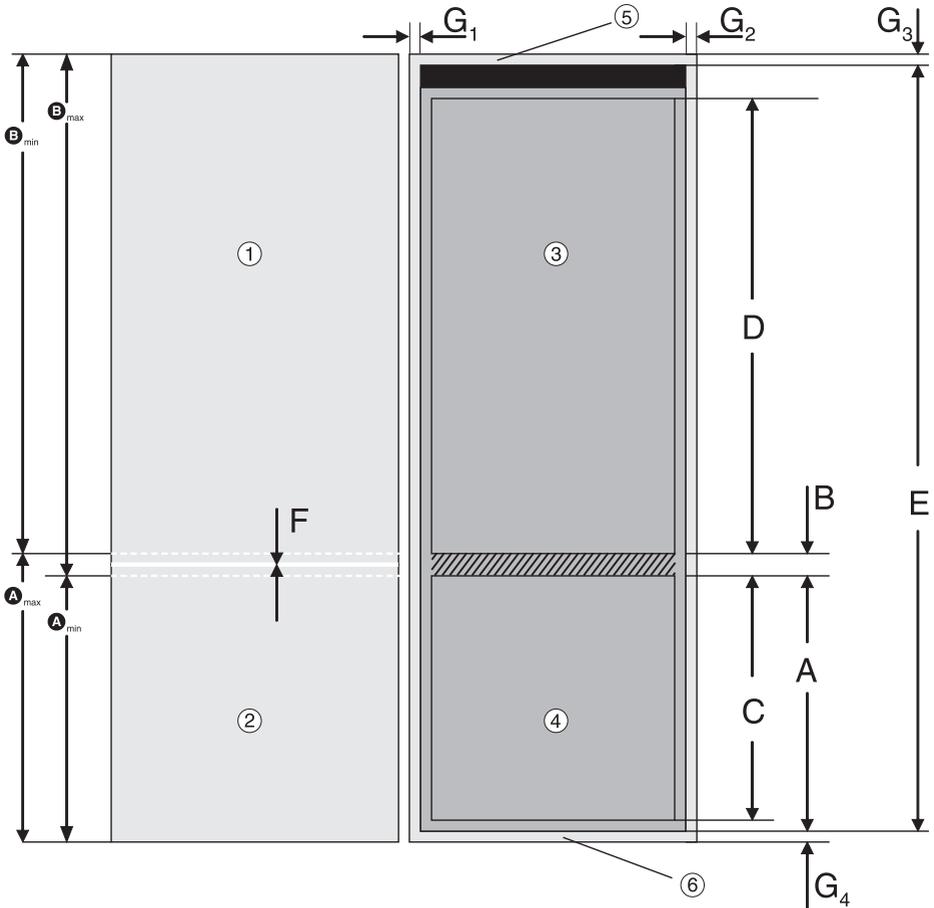
The following gaps are required:

- The horizontal gap between the cabinet door and the cupboard door above it must be at least 1/8" (3 mm).
- The vertical gap between the cabinet doors should be approx. 1/8" (3 mm). The exact value will depend on the radius of the edge of the cabinet door.

The cabinet door must be fitted correctly and not under tension.

**Tip:** Please also see the diagram and information on the following pages on calculating the cabinet door height.

## Cabinet door dimensions



- Ⓐ<sub>min</sub> / Ⓐ<sub>max</sub> height of freezer section cabinet door
- Ⓑ<sub>min</sub> / Ⓑ<sub>max</sub> height of refrigerator section cabinet door
- ① Refrigerator section cabinet door
- ② Freezer section cabinet door
- ③ Refrigerator section appliance door
- ④ Freezer section appliance door
- ⑤ Fitted unit cover panel
- ⑥ Fitted unit cabinet base

# Installation

A	27 3/8" (695 mm)
B	9/16" (15 mm)
C	24 3/4" (629 mm)
D	38 15/16" (989 mm)
E	70 3/8" (1788 mm)
F	approx. 1/8" (3 mm)
G <sub>1-4</sub>	3/4" (19 mm)

## Calculating the height of the cabinet doors

These examples are based on the following measurements, which may vary depending on the design of the kitchen:

- The horizontal gap between cabinet doors ① and ② is F = approx. 1/8" (3 mm). This gap must be within the hatched area (see drawing).
- The thickness of the cover panel ⑤ and the base ⑥ of the fitted unit is usually 3/4" (19 mm).

## - Height of freezer section cabinet door ②

1. The freezer section cabinet door must be at least A = 27 3/8" (695 mm) to cover the bottom section of the appliance.

2. To cover the front of the cabinet floor panel ⑥, add the height of the cabinet base to height A:

$$A_{\min} = A + G_4 = 28 \frac{1}{8}" (714 \text{ mm}).$$

3. The height of the cabinet door may need to be altered depending on the adjacent kitchen units:

$$A_{\max} = A + G_4 + D - 1/8" (3 \text{ mm}) \\ = 28 \frac{9}{16}" (726 \text{ mm}).$$

## - Height of refrigerator section cabinet door ①

This height is calculated on the basis of the freezer section cabinet door ② height:

1. Height of freezer section cabinet door = A<sub>max</sub>:

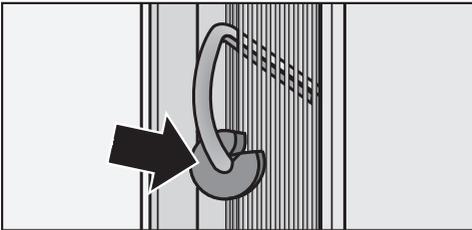
$$B_{\min} = A + G_3 + G_4 - A_{\max} - \\ 1/8" (3 \text{ mm}) \\ = 43 \frac{3}{16}" (1097 \text{ mm})$$

2. Height of freezer section cabinet door = A<sub>min</sub>:

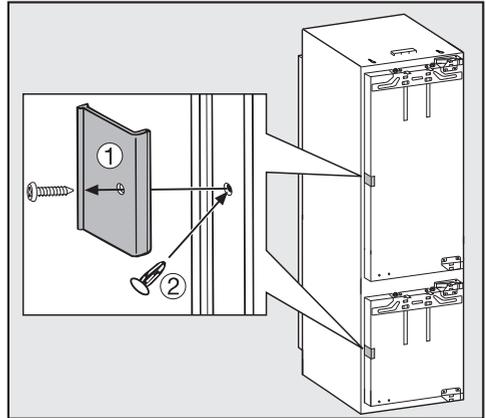
$$B_{\max} = A + G_3 + G_4 - A_{\min} - \\ 1/8" (3 \text{ mm}) \\ = 43 \frac{11}{16}" (1109 \text{ mm})$$

## Before installing the appliance

- Before installation, remove the bag of installation and other accessories from the appliance and remove the profile strip from the outer appliance door.
- **Do not remove** the following from the back of the appliance



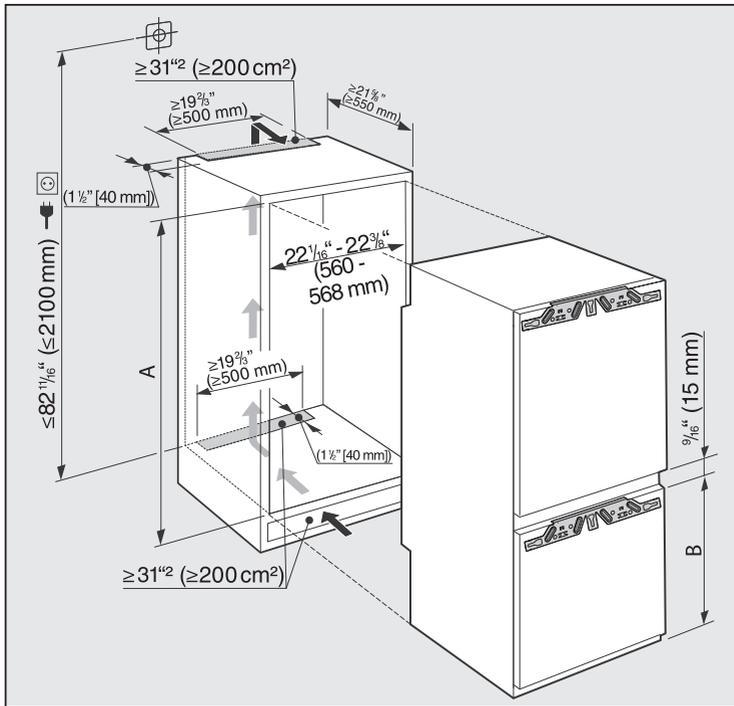
- the spacers (depending on the model). They ensure the distance required between the back of the appliance and the wall.
- the bags located in the metal grille (heat exchanger, depending on model). These are required for the functioning of the appliance. Their contents are not toxic or hazardous.
- Remove the cable clips from the back of the appliance.



- Remove red transport safety device ① (depending on model) and use the stopper supplied to cover the hole ②.

# Installation

## Installation dimensions



\* The declared energy consumption was achieved with a niche depth of 22 1/16" (560 mm). The appliance is fully capable of functioning at a niche depth of 21 5/8" (550 mm), but will consume slightly more energy.

If the appliance is suitable for installation in a niche, ensure before installation that it has precisely the correct dimensions. The specified ventilation grille dimensions must be observed to ensure that the appliance functions correctly.

	Niche height [mm] A	Freezer section [mm] B
<b>KFN 37232 iD</b>	1772 – 1788	695

## Adjusting the door hinge

### Limiting the opening angle of the appliance doors

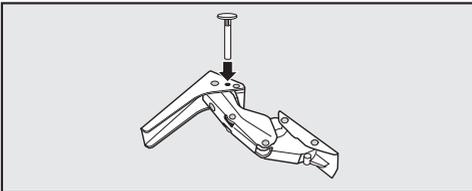
The door hinges are set to enable the appliance doors to be opened wide.

However, if the opening angle of the doors needs to be limited for any reason, the hinge can be adjusted to accommodate this.

If, for example, the appliance doors hit an adjacent wall when they are opened, you should limit the opening angle of the appliance doors to approximately 90°.

The locking pins for limiting the door opening must be fitted before the appliance is installed.

The refrigerator section door must be removed in order to insert the pins into the upper hinge of the freezer section door.



- Insert the locking pins supplied for limiting the door opening into the hinges from above.

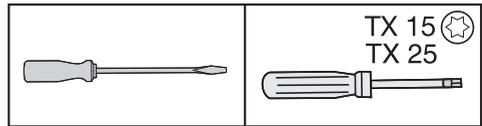
The appliance door opening angle is now limited to approximately 90°.

## Adjusting the door hinge

Always change the door hinging with the assistance of another person.

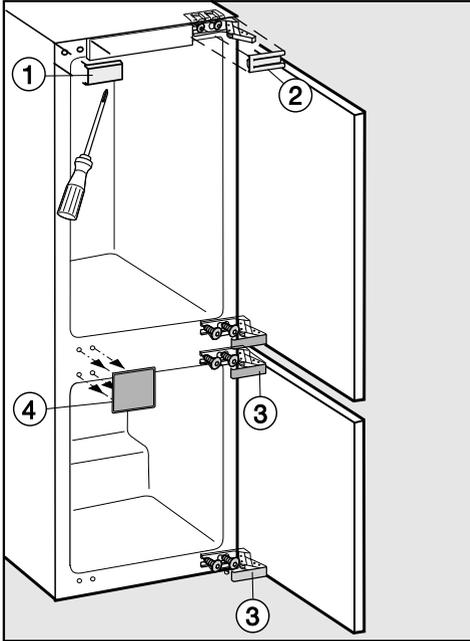
The appliance is supplied with right-hand hinging. If left-hand hinging is required, the hinges must be changed:

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

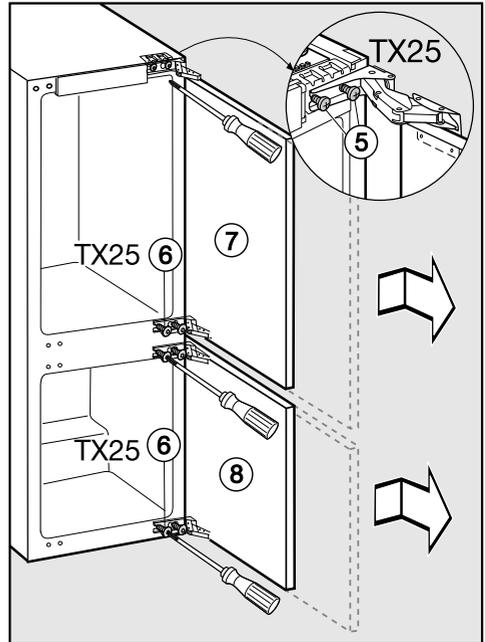


# Installation

- Open both appliance doors.
- Remove the door shelves/bottle shelves from the appliance door.



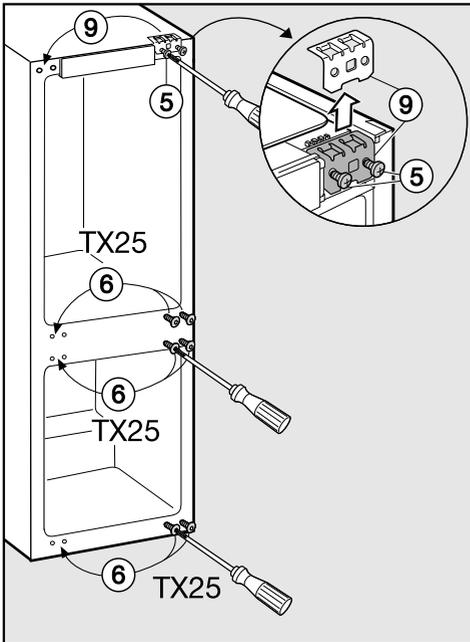
- Remove the covers ①, ②, ③, and ④.



**Danger of injury!** The hinges can snap closed.

Leave them open.

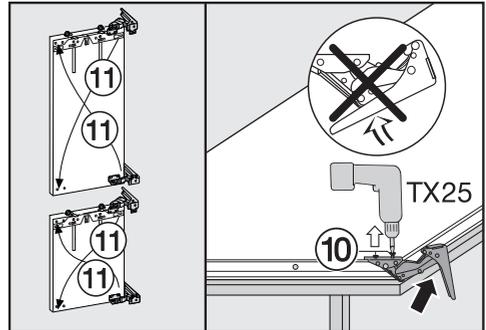
- Slightly loosen the hinge screws ⑤ and ⑥.
- Push the appliance doors ⑦ and ⑧ outward and take them off.



- Place the door with the outer side upwards on a stable surface.

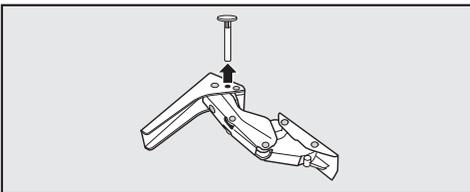
**Risk of injury!**

Do not close the hinges.



- Remove screws ⑩.
- Place each hinge ⑪ in the corner diagonally opposite from its original position.

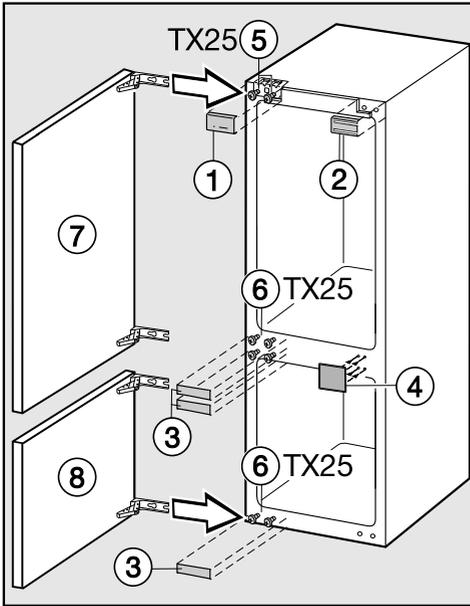
- Undo the screws ⑤ completely.
- Fit the bracket ⑨ on the opposite side and attach the screws loosely ⑤.
- Undo the screws ⑥ completely and loosely screw them in on the opposite side.



- If you have inserted pins into the hinges to limit the opening angle of the door:  
Lift the pins up and out of the hinges.

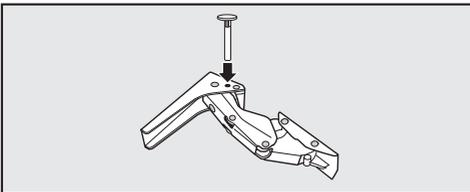
Complete the following steps on both doors.

# Installation



■ Push appliance doors ⑦ and ⑧ onto pre-inserted screws ⑤ and ⑥ and tighten screws ⑤ and ⑥.

■ Replace covers ①, ②, ③ and ④.



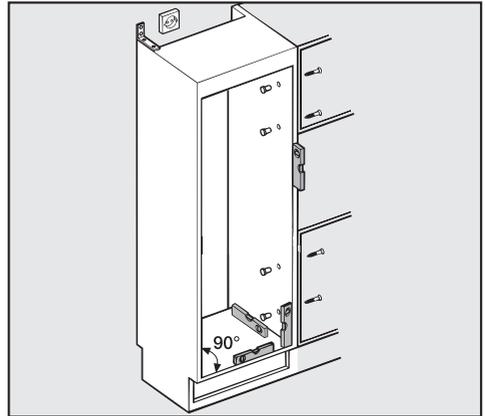
■ Refit the pins into the top of the hinges to prevent the doors opening too far.

## Building in the appliance

Two people are required to install the appliance.

■ Install the appliance in a stable, solid cabinet, positioned on an even and level floor.

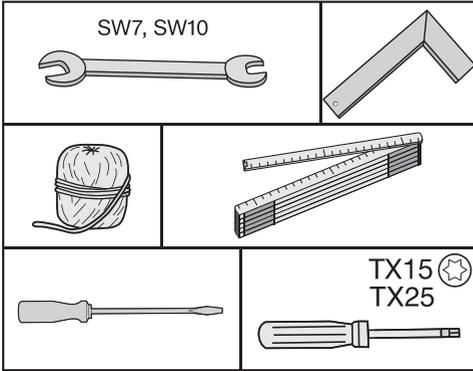
■ Secure the cabinetry against tipping.



■ Use a spirit level to align the cabinet. The cabinet corners must be at 90° angles to each other, otherwise the cabinet door will not sit straight on all 4 corners.

■ The required ventilation gaps must be provided (see “Installation – Installation notes”).

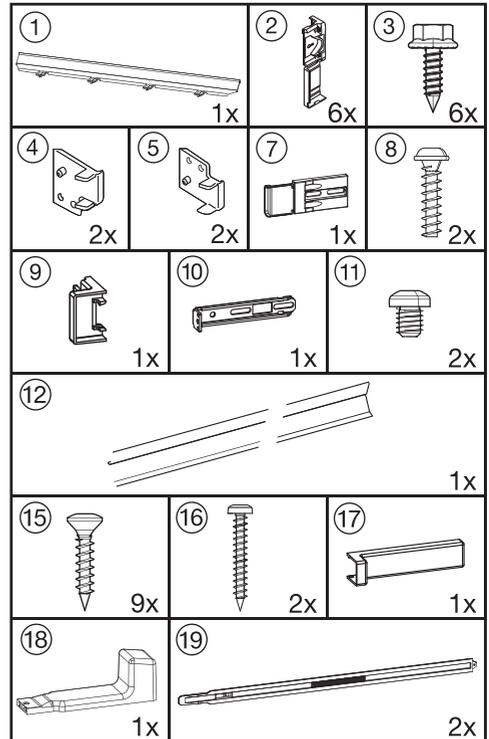
To install the appliance, you will need the following tools:



Parts required for installation:

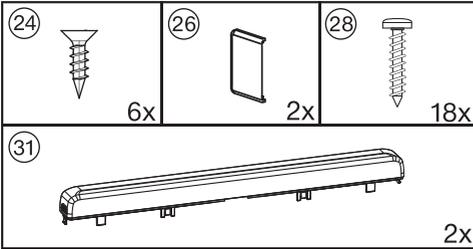
All installation parts are number-coded. This coding is also used in the installation instructions.

- For building the appliance into the niche:



# Installation

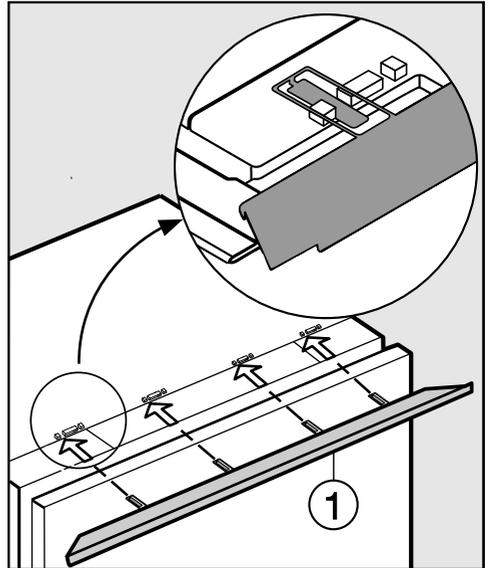
## - For installing the cabinet doors:



All installation instructions given are for a right-hand hinged appliance. If you have converted the appliance to left-hand hinging, you will need to adapt these instructions accordingly.

## Preparing the appliance

- Position the appliance directly in front of the cabinet niche.



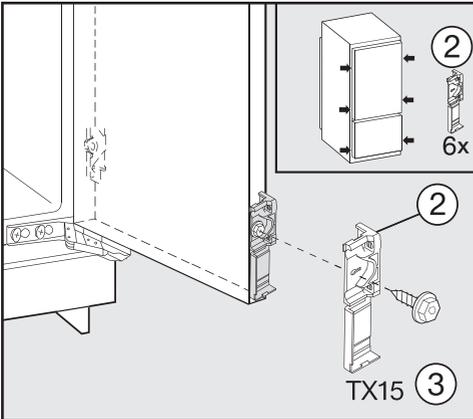
- Push the filler strip lugs ① into the holders from the front.

If the appliance is hinged on the left, slide the lugs into the right-hand opening of the holder.

**⚠ Risk of damage to the securing bracket and cover.**

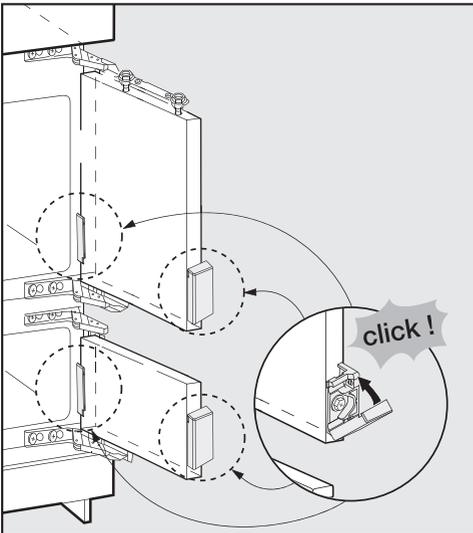
The cover on the securing bracket can easily become detached.

Always close the cover as soon as you have finished working on the bracket.



- Loosely screw the securing brackets ② into the pre-drilled holes in the appliance door using hex screws ③.

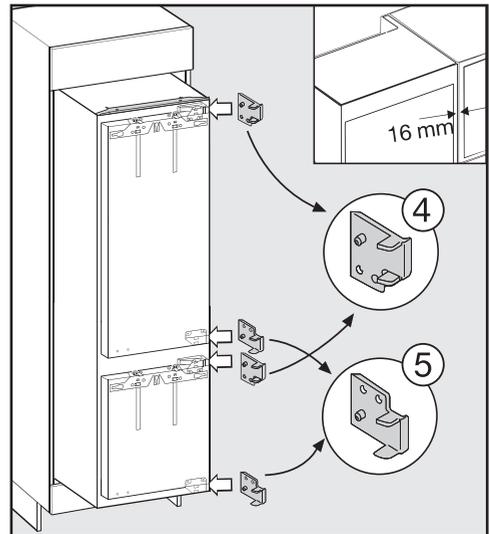
**Tip:** Secure a pair of brackets in the handle area of the door.



- Close the covers.
- Push the appliance two-thirds of the way into the built-in niche. Take care not to trap the power cord when pushing the appliance into its niche.

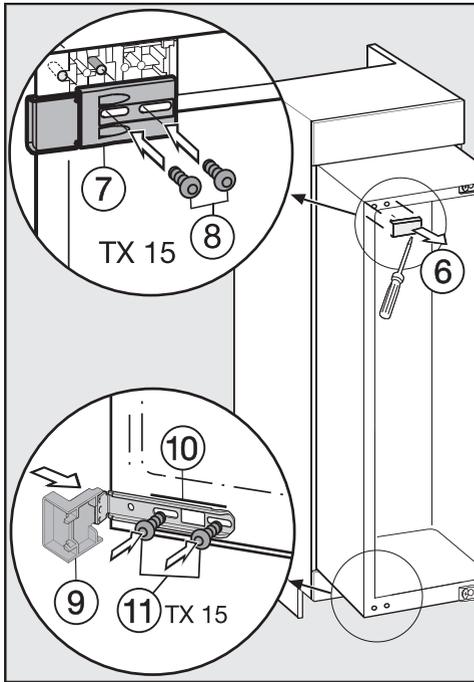
**Tip:** Tie a piece of string to the plug to “lengthen” the power cord; this will help you to push the appliance into position. Pull the power cord through the cabinet by the other end of the string so that the appliance can be connected to the power supply easily after installation.

**With 5/8" (16 mm) thick cabinet walls only:**



- Clip the spacers ④ and ⑤ onto the right of the hinges.
- Open the appliance doors.

# Installation

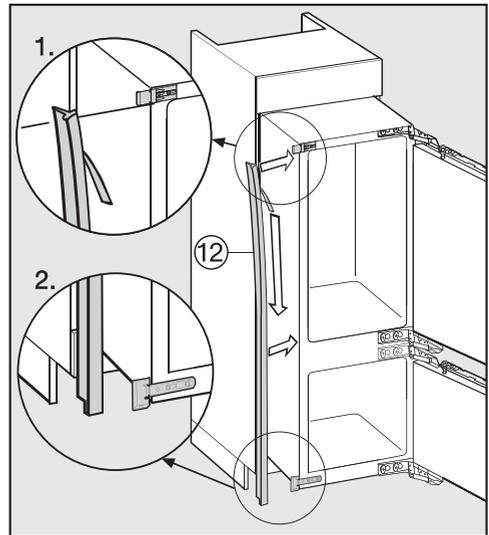


- Remove the cover (6).
- Loosely fit the connecting bracket (7) using the screws (8).

**Tip:** Do not tighten the screws, to allow for the position of the connecting bracket to be adjusted.

- Push the contact component (9) onto the securing bracket (10).
- Loosely fit the securing bracket (10) using the screws (11).

**Tip:** Do not tighten the screws, to allow for the position of the connecting bracket to be adjusted.

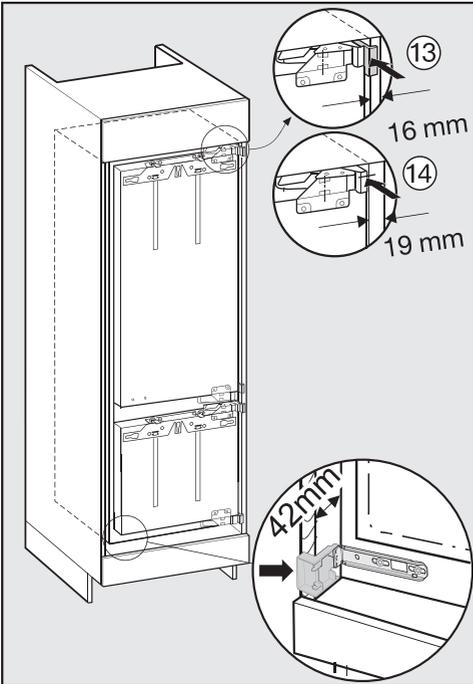


- Carefully remove the protective film from the sealing strip (12).
  - Stick the sealing strip (12) onto the side of the appliance on which the door will open, flush with the front.
1. Align the sealing strip with the bottom edge of the top fixing bracket.
  2. Stick it down along its entire length.

## Building in the appliance

If the appliance is pushed too far into the niche, the doors may not close properly once the cabinet doors have been installed. This can cause ice to build up, condensate to accumulate, and cause the appliance to malfunction. These can all lead to increased energy consumption.

Push the appliance into the built-in niche, making sure a gap of **1 5/8" (42 mm)** is maintained all around between the appliance casing and the front of the cabinet side walls.



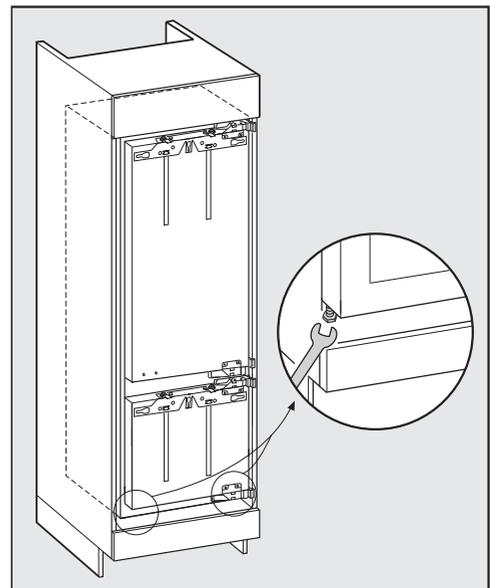
Important for cabinetry with door fittings (such as stubs and seals).

Take the dimensions of the fittings into account.

Check to make sure there is a gap all round of **1 5/8" (42 mm)** to the front edges of the door fittings.

- Pull the appliance forward by the appropriate dimension.

**Tip:** If possible, remove the door fittings and push the appliance into the niche until all securing brackets at the top and bottom are touching the front edge of the cabinet side wall.



- Now push the appliance into the niche until all securing brackets at the top and bottom are touching the front edge of the cabinet side wall.

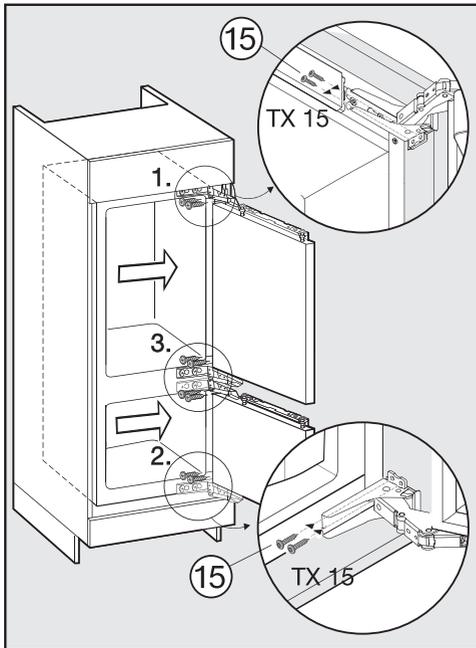
- ⑬ **5/8" (16 mm) thick walls:**  
The spacers should touch the front edge of the cabinet side walls at the top and bottom.
- ⑭ **3/4" (19 mm) thick walls:**  
The front edges of the top and bottom hinges should be flush with the front edge of the cabinet side wall.

This ensures a distance of **1 5/8" (42 mm)** to the front edges of the cabinet unit side walls all the way round.

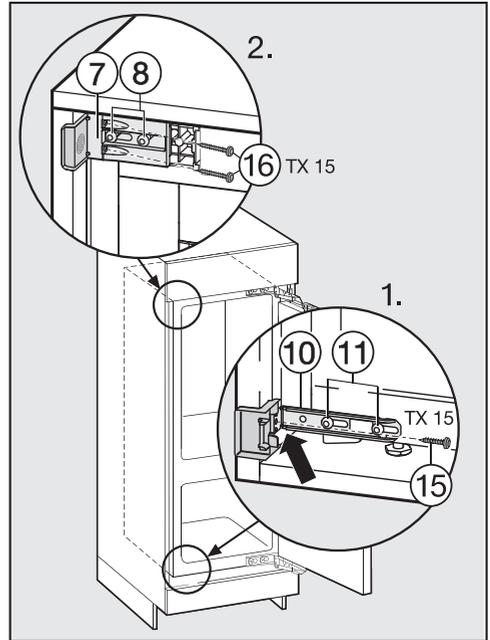
- Align the appliance on both sides via the adjustable feet so that it stands level.

# Installation

## Installing the appliance in the niche



- Push the appliance onto the cabinet wall on the hinge side.
- Screw the particleboard screws (15) through the hinge plates in the order shown to secure the appliance to the cabinetry.



- Push the loose securing bracket against the cabinet wall.
- Fix the securing bracket (7) to the cabinet wall with the screw (15).

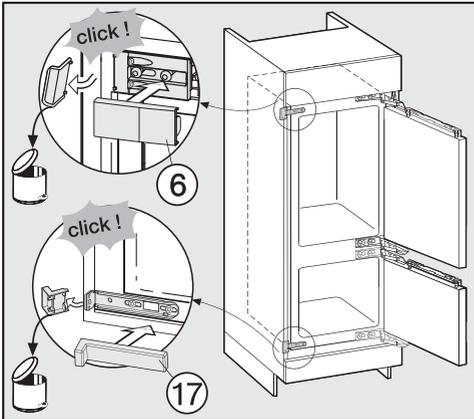
**Tip:** Pre-drill the hole.

The appliance must not pull back into the unit, as otherwise the gap of 1 5/8" (42 mm) will not be maintained all the way round. Push the protruding bracket toward the cabinet wall using your thumb while tightening the screws.

- Fix the securing bracket (7) to the cabinet wall with the screws (16).

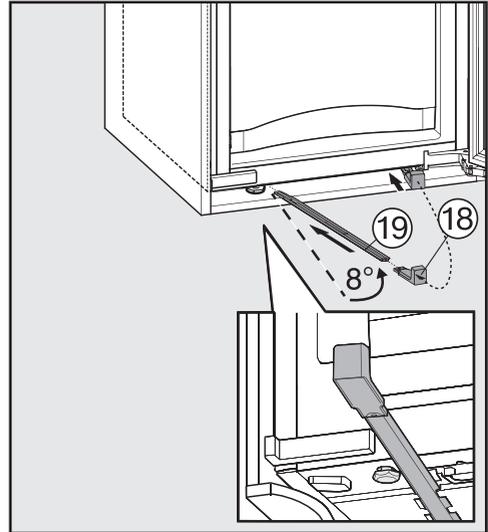
**Tip:** Pre-drill the holes.

- Re-tighten screws (8) and (11).



- Snap off any protruding ends from the securing bracket. They are no longer required and can be disposed of.
- Place the covers ⑥ and ⑰ on the securing bracket.

To give the appliance additional security in the niche, push the rods supplied between the appliance and the cabinet base:



- First secure the handle ⑱ to one of the stabilizing rods ⑲.
- Use the handle to push the stabilizing rod ⑲ into the guide as far as it will go. Remove the handle ⑱ and fit it to the other stabilizing rod supplied and push this into its guide as far as it will go.

**Tip:** Keep the handle somewhere safe in case you ever need to fit the appliance into a new housing unit.

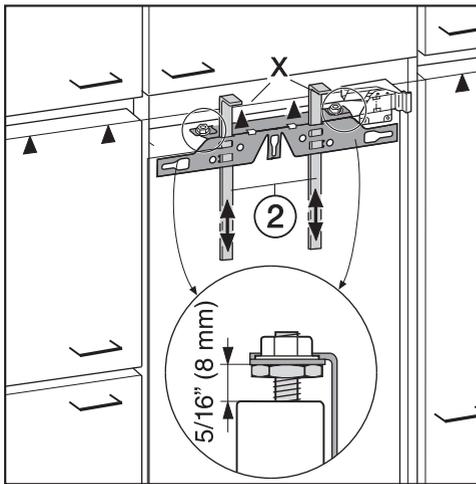
- Close the appliance doors.

# Installation

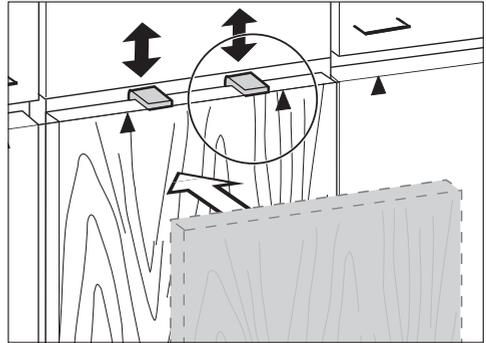
## Fitting the cabinet doors

An installation set or an extra pair of securing brackets is available from Miele Customer Service or from specialist retailers for the installation of large or divided cabinet doors.

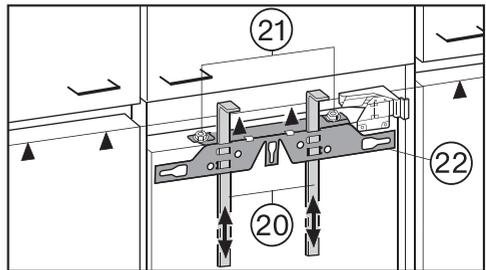
Complete the following steps on both doors.



- The distance between the appliance door and the mounting frame is set to 5/16" (8 mm) at the factory. Check this distance and adjust it if necessary.
- Push the installation aids ② to the height of the cabinet door. The lower contact edge X of the installation aids must be be at the same height as the upper edge of the cabinet door to be installed (▲ symbol).

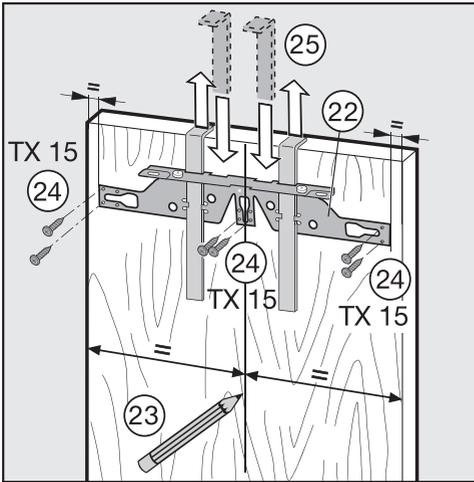


**Tip:** Push up the installation aids together with the cabinet front until they are at the same height as the neighboring cabinet doors.



- Unscrew the nuts ②<sup>1</sup> and remove the mounting frame ②<sup>2</sup> together with the installation aids ②<sup>0</sup>.

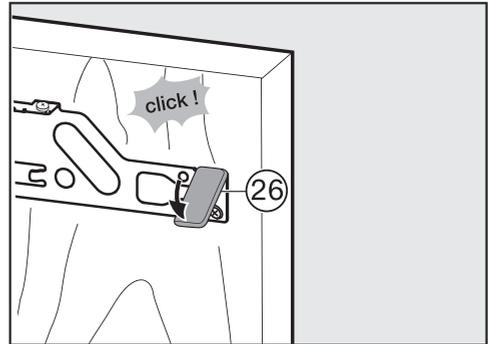
- Place the cabinet door on a stable surface with the outer side facing downward.



- Draw a faint central line with a pencil on the inside of the cabinet door (23).
- Hang the mounting frame (22) with the installation aids on the **inside** of the cabinet door. Center the mounting frame.
- Attach the mounting frame securely using at least 6 short particleboard screws (24). (On raised paneled doors, only use 4 screws on the edges.)

**Tip:** Pre-drill the holes.

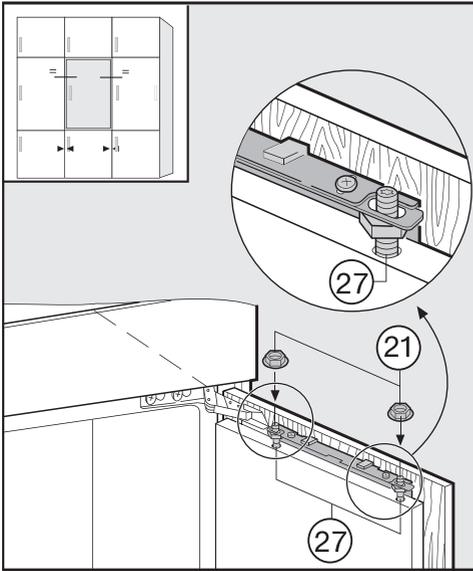
- Pull the installation aids upward to remove them (25). Turn them around and push them all the way into the middle slots on the mounting frame for safekeeping.



- Attach the side cover (26) to the mounting frame on the side opposite the hinge.
- Turn the cabinet door over and attach the handle (if required).

# Installation

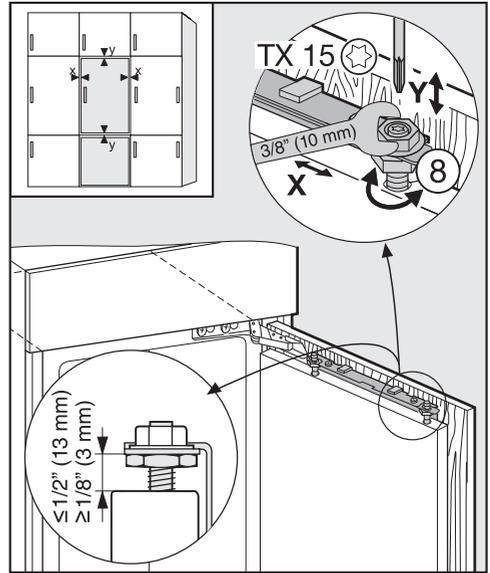
- Open the appliance door.



- Hang the cabinet door on the adjusting bolts ⑳.
- Screw nuts ㉑ loosely onto the adjusting bolts.

## Adjusting the position of the door

Check the distance between the door and adjacent cabinet doors. The distance should be the same.



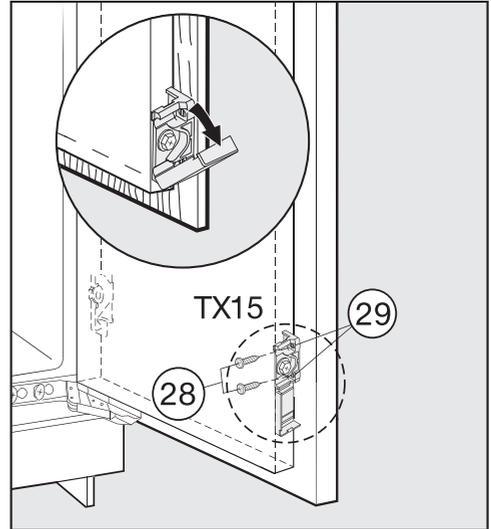
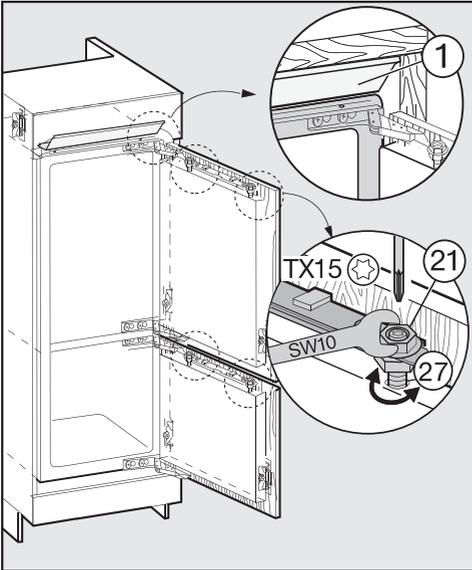
## X: side adjustments

- Move the cabinet door.

## Y: height adjustment

The distance between the appliance door and the mounting frame is set to 5/16" (8 mm). Only adjust the distance within the specified range.

- Turn the adjusting bolts ㉑ with a screwdriver.



■ Open the cover.

■ Fit the screws (28) into the holes (29).

**Tip:** Pre-drill the holes.

 Risk of damage to the securing bracket and cover.

The cover on the securing bracket can easily become detached.

Always close the cover as soon as you have finished working on the bracket.

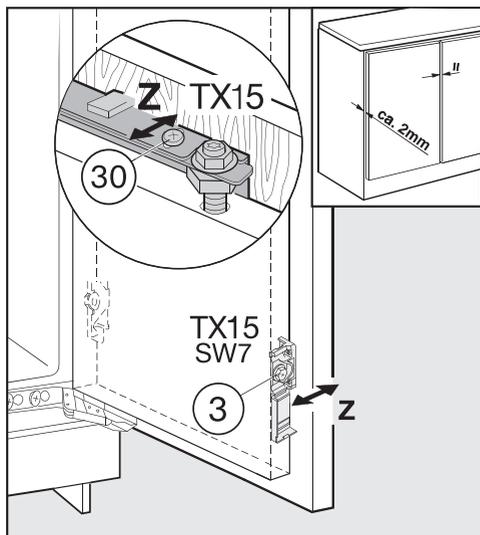
■ Close the cover and close the door.

- While counterholding the adjusting bolts (27) with a screwdriver, tighten the nuts (21).
- The filler strip (1) must not protrude; it must completely disappear into the niche.

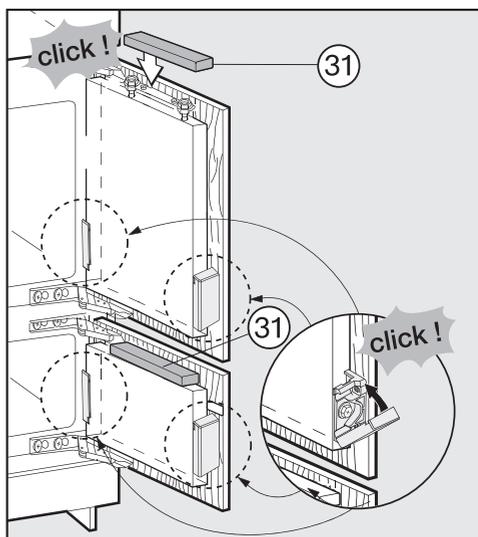
# Installation

## Z: depth adjustment

Check the distance between the cabinet door and the housing unit. A distance of approximately 1/16" (2 mm) is required.



- Loosen screws ③⑩ and ③.
- Tighten all the screws again.



- Replace the top covers ③① and click them into place.
- Close the covers on the securing brackets.

### The appliance is properly installed in the niche if:

- The doors close properly.
- The doors are not sitting against the cabinet carcass.
- The seal on the top corner of the handle side is firmly seated.
- To check this, place a flashlight that is switched on inside the appliance and close the appliance doors. Make the room dark and then check whether you can see light shining out from the sides of the appliance. If so, go back and check the individual installation steps.

## Electrical connection



**Danger of electric shock!**

The appliance must only be switched on when it has been installed in accordance with the installation instructions.

Ground the appliance.

The appliance must not be grounded via a gas pipe.

If in doubt, have a suitably qualified and experienced electrician check that the installation complies with relevant regulations.

Do not install a fuse into neutral current or grounding electrical circuit.

Do not use extension cords or ungrounded (two prong) adapters.

Do not use a frayed or damaged power cord.



**Danger of electric shock!**

For protection against electric shock this appliance is equipped with a pole-free plug which is protected against reverse polarity. The plug must be grounded in the usual way.

Do not remove the round grounding connector pin from the plug.

Use only a grounded plug adapter.

Wait for 1 hour after installation before plugging the appliance into the power supply. This allows coolant and refrigerator oil to settle in accordance with regulations.

Ensure that the voltage of the main power supply corresponds with the connection voltage of the appliance. A power supply of 110 - 120 V, 60 Hz and 15 Amp (20 Amp for side-by-side installation) with a NEMA 5-15 molded plug, which is protected by a main switch or a fuse, is required to operate the appliance.

The manufacturer recommends operating the appliance on a separate circuit to avoid overloading the electrical circuit.

All relevant legal electrical, fire and building regulations must be observed when installing the socket and/or the appliance.

In certain countries appliances are required to be connected to the electrical supply via a wall-mounted ON/OFF switch.

To avoid the risk of fire, electric shock or other injuries installation and connection of the appliance must be carried out by a suitably qualified electrician in accordance with all relevant local and national regulations and standards, including fire prevention.

# Installation

---

The outlet must be easily accessible in an emergency so that the appliance can be quickly disconnected from the electrical supply in case of an emergency.

The socket must be located so that the upper edge is a maximum 82" (2100 mm) distance from the upper edge of the base of the kitchen cabinet.

If the outlet is no longer accessible once the appliance has been installed, an all-pole disconnect device with a contact opening of at least 1/8" (3 mm) must be present on site. The disconnect device may be circuit breaker, a fuse, or a contactor (compliant with local regulations).

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

Do not plug in other devices behind this appliance.

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

If the power cord needs to be replaced, this must be done by a qualified technician.

Please have the model and serial number  
of your appliance available when  
contacting Customer Service.

---

The Miele logo consists of the word "Miele" in a bold, white, serif font, set against a solid black rectangular background.

## **U.S.A.**

**Miele, Inc.**

### **National Headquarters**

9 Independence Way  
Princeton, NJ 08540  
Phone: 800-843-7231  
Fax: 609-419-4298  
[www.mieleusa.com](http://www.mieleusa.com)

### **Customer Service & Support**

Phone: 888-99-MIELE(64353)  
Fax: 888-586-8056  
[service@mieleusa.com](mailto:service@mieleusa.com)

### **International Headquarters**

Miele & Cie. KG  
Carl-Miele-Straße 29  
33332 Gütersloh  
Germany

## **Canada**

**Importer**  
**Miele Limited**

### **Headquarters and Miele Centre**

161 Four Valley Drive  
Vaughan, ON L4K 4V8  
[www.miele.ca](http://www.miele.ca)

### **Customer Care Centre**

Phone: 800-565-6435  
905-532-2272  
[customercare@miele.ca](mailto:customercare@miele.ca)

