Operating and Installation Instructions
Fridge-freezer Combination

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

en – US, CA

M.-Nr. 10 516 570

Contents

Contents

IMPORTANT SAFETY INSTRUCTIONS

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

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

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

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

Use

▶ This appliance is intended for use in domestic households and similar residential environments.
This appliance is not intended for use outdoors, in damp environments or in places exposed to rain.

▶ This appliance is intended for domestic use only for cooling and storing food and drink as well as for storing deep frozen food, freezing fresh food and for making ice.
Any other usage is not supported by the manufacturer and could be dangerous.

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

▶ People who lack physical, sensory or metal abilities, or experience with the appliance should not use it without supervision or have been instructed how to use it in a safe way and recognize and understand the consequences of incorrect operation.

Children

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

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

Technical safety

▶ The refrigerant system is tested for leaks. This appliance complies with statutory safety requirements.

▶ This appliance contains the refrigerant Isobutane (R600a), a natural gas which is environmentally friendly. Although it is combustible, it does not damage the ozone layer and does not increase the greenhouse effect.
The use of this refrigerant has, however, led to a slight increase in the noise level of the appliance. In addition to the noise of the compressor, you might be able to hear the refrigerant flowing around the system. This is unavoidable, and does not have any adverse effect on the performance of the appliance.
Care must be taken during the transportation and setting up of the appliance that no parts of the cooling system are damaged. Leaking refrigerant can cause severe irritation to the eyes.
In the event of any damage:

– avoid open flames and anything that creates a spark,
– disconnect the appliance from the electrical power supply,
– ventilate the room where the appliance is located for several minutes, and

– contact Miele Technical Service.

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

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

▶ The electrical safety of 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 mains 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, 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.

▶ 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

Proper 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.

▶ Do not store explosive materials in the appliance or any products containing propellants (e.g. spray cans). Electrical components could cause flammable vapors to ignite.
Danger of fire and explosion.

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

▶ Do not store cans or bottles containing carbonated drinks or liquids which could freeze in the freezer. The cans or bottles could explode.
Danger of injury and damage to the appliance.

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

▶ Never handle frozen food or the metal parts of the appliance with wet hands. Your hands may freeze to the frozen food or to the metal.
Danger of frost burn!

▶ Do not take ice cubes out with your bare hands and never place ice cubes or popsicles in your mouth straight from the freezer section. The very low temperature of the frozen ice or popsicles can cause frost burn to the lips and tongue. Danger of injury.

▶ 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 care

▶ 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.

▶ 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.

California Proposition 65

▶ Appliances could produce or may contain some products which are known by the State of California to cause cancer or reproductive harm. California law requires all businesses to warn customers of potential exposure of such substances. To minimize exposure to these substances, always install, operate, and maintain this product according to the Operating and Installation manual.

Transport

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

▶ Danger of injury and damage. The appliance is very heavy and must be transported by two 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,
– scratching the surface coating.

Symbol on the compressor (depending on model)

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

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

Caring for the environment

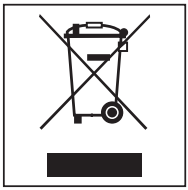
Disposal of packaging material

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.

Disposal of your old appliance

Electrical and electronic appliances contain valuable materials. They also contain certain substances, compounds and components which were essential for the proper functioning and safe use of the equipment. Handling these materials improperly by disposing of them in your household waste can be harmful to your health and the environment. Therefore, please do not dispose of your old appliance with regular household waste and follow local regulations on proper disposal.



Consult with local authorities, dealers or Miele in order to dispose of and recycle electrical and electronic appliances. Miele assumes no responsibility for deleting any personal data left on the appliance being disposed.

Take care not to damage the pipework at the back of your appliance before or during transportation to an authorized, environmentally friendly collection depot.
This way, coolant in the pipework and oil in the compressor will be contained, and will not leak into the environment.

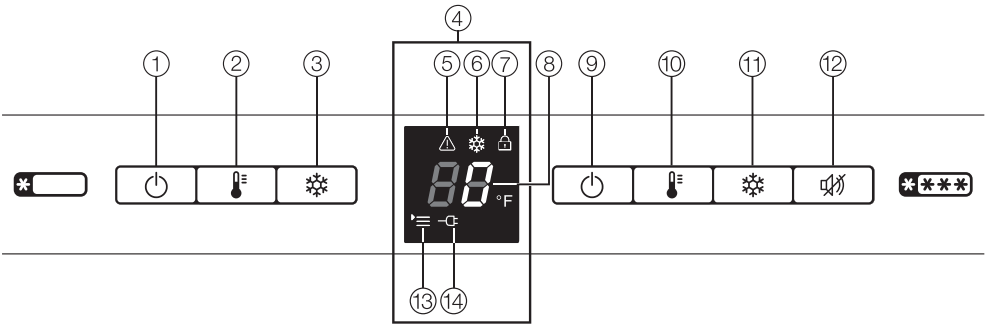
Please ensure that your old appliance does not pose a danger to children while being stored prior to disposal. See "IMPORTANT SAFETY INSTRUCTIONS" for more information.

	Normal energy consumption	Increased energy consumption
Installation / Maintenance	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.
Temperature setting	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	

How to save energy

	Normal energy consumption	Increased energy consumption
Use	The drawers and shelves are in the original arrangement.	
	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 cool down and the compressor will run for longer periods.
	Take an insulated cool bag when shopping and load food in the appliance as soon as possible. Replace any food removed as quickly as possible, before it begins to thaw. Allow hot food and drinks to cool down before placing them in the appliance.	Hot food or food at room temperature raises the temperature inside the appliance. The appliance will cool down and the compressor will run for longer periods.
	Store food covered or wrapped.	The evaporation or condensation of liquids will cause a loss of coldness.
	Place frozen food in the refrigerator to defrost.	
	Do not overfill the appliance in order to allow the air to circulate.	Overfilling the appliance will cause poor air circulation and a loss of coldness.

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

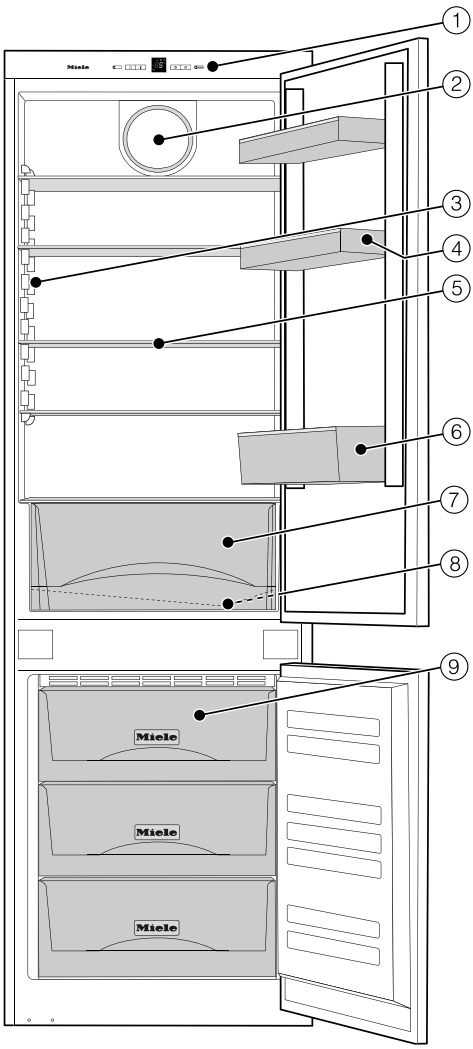
⑪ SuperFreeze button

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

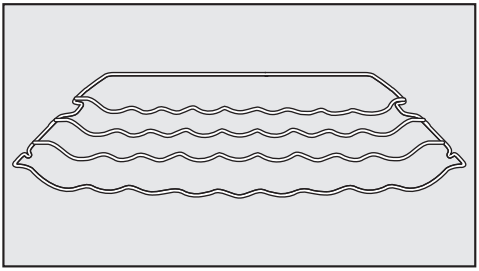


① Control panel
② Fan
③ Interior lighting
④ Egg tray / Door shelf
⑤ Shelf
⑥ Bottle shelf
⑦ Fruit and vegetable drawer
⑧ Condensate channel and drain hole
⑨ Freezer drawers

Optional accessories

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

Bottle rack



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

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.

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

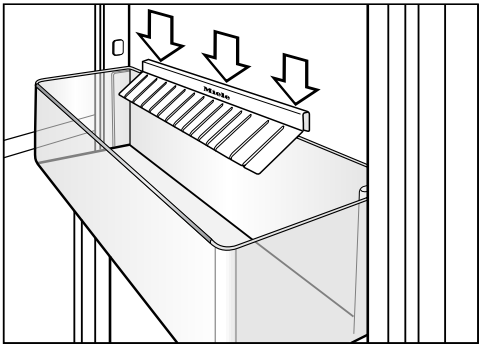
Please refer to the relevant instructions in "Cleaning and care".

- 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

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 is 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.

Turning off for longer periods of time

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

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

- switch the appliance off,
- unplug the power cord or trip the circuit breaker,
- clean the appliance and
- leave the door(s) ajar to air the appliance and avoid odors building up inside the appliance.

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.

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.

The temperature in the appliance will rise:

– if you open the door frequently or keep it open too long,
– the more food that is stored in it
– if you put food in it that is too warm,
– the higher the ambient temperature surrounding the appliance. The appliance is designed for use within specific ambient temperatures (climate range). Do not use in ambient temperatures for which it is not designed.

. . . in the refrigerator section

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

Automatic cold air circulation (DynaCool)

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 section

To freeze fresh food and to store frozen food for a long time, a temperature of **0°F (-18°C)** is required. Partially defrosted or fully defrosted food must not be re-frozen. Food may be re-frozen once it has been cooked.

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.

■ 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.

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.

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.

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.

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.

c1 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.

– To deactivate the lock

■ Press the SuperFreeze button for approx. 5 seconds.

The lock symbol and 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.

c0 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 c 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.

o 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.

o 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 c 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.

o 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.

o will start flashing in the display.

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

The temperature will now be displayed in Fahrenheit.

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

⚠ WARNING! Fire hazard!
Do not operate any electrical equipment inside the appliance. This can cause sparking.

⚠ Danger of explosion!
Do not store any explosive materials or products containing flammable propellants (e.g., spray cans) in the machine.

⚠ If storing food which contains fat or oil in the machine or the machine door, stress cracks may be caused in the plastic, resulting in it breaking.
Make sure that no oil or fat leaks onto the plastic parts of the machine.

Various cooling zones

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

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

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

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 refrigerator.

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

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

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

– fish, meat, poultry,
– 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.

Food that is sensitive to cold includes:

– pineapple, avocados, bananas, pomegranates, mangos, melons, papaya, passion fruit, citrus fruit (such as lemons, oranges, mandarins, grapefruit),
– fruit that is not yet ripe,
– eggplant, cucumbers, potatoes, peppers, tomatoes, zucchini,
– hard cheeses, e.g. Parmesan.

What to be aware of when shopping for food

The freshness of food when first placed in the appliance is the most important factor in determining how long it stays fresh, and how long it can be kept in the appliance.
Always observe the use-by date and the recommended storage temperature. Time out of the refrigerator should be kept to a minimum, for example, when transporting food in a hot car.

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

Storing food correctly

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

Fruit and vegetables

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

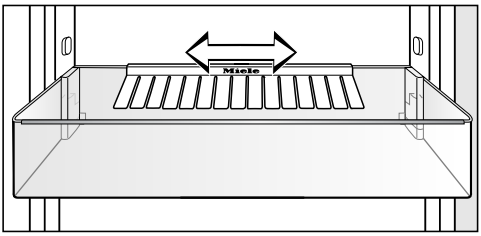
Protein rich food

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 door shelf / bottle shelf

- Lift up the door shelf / bottle shelf and pull it forward to remove it.
- Place the door shelf / bottle shelf at any position again. Make sure that it is properly and securely pushed back into position.

Adjusting the bottle holder



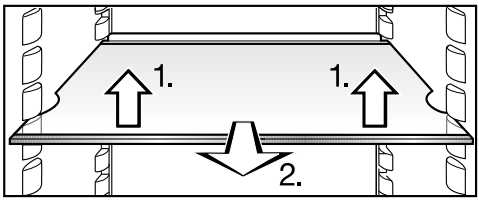
The bottle holder can be moved left or right, thus creating more room for drink cartons.

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.

Always observe USDA food safety guidelines.

⚠ WARNING! Fire hazard!
Do not operate any electrical equipment inside the appliance. This can cause sparking.

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.

The longer food is frozen, the more water it loses from each individual cell in to the intermediate spaces. The cells then shrink. During the defrosting process, only some of this water is reabsorbed by the cells. In practical terms, this means that the food loses a substantial amount of liquid, which can be seen by the fact that a large pool of water collects around it.

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

Storing frozen food

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

– that the packaging is not damaged,

– the expiration date and

– the temperature at which the frozen food is being stored in the shop. The length of time it can be kept is reduced if it has been stored at a temperature warmer than 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.

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

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 precooked meals.

– The following types of food **are not suitable for freezing**:
grapes, 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 tubular polyethylene film may also be sealed using home heat sealing kits.

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

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

⚠ The following maximum loads must not be exceeded:
– freezer drawer = 55.1 lbs (25 kg)
– glass plate = 77.1 lbs (35 kg)

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

- When placing items in the freezer, ensure that the packaging and containers are dry to prevent them from freezing together or to the walls of the freezer.

- Freezing small quantities of food

Place the food in the upper 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)

Ensure that the ventilation slots at the back of the freezer section are always free from obstruction.
If the ventilation slots are obstructed, the cooling performance will decrease and energy consumption will increase.
When arranging food on the glass plate, make sure that it does not block the ventilation slots.

- 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 freezing process is complete, place the frozen food in the freezer drawer and push it back in.

Storage time for frozen food

The storage life of food is very variable, even at a constant temperature of 0 °F (-18 °C). Decomposition processes also take place in frozen food, albeit at a very reduced speed. For example fat can become rancid from contact with oxygen in the air. This is why lean meat can be stored approx. twice as long as fatty meat.

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

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

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

Defrosting

Frozen food can be thawed in various ways:

– in the microwave,

– in a regular oven, using the "Fan" or "Defrost" setting

– at room temperature,

– in the refrigerator section (the cold given off by the frozen food helps to keep the other food cold),

– in a steam oven.

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

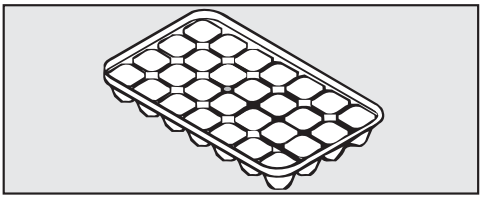
Meat and poultry (e.g. hamburger, chicken, fish) should not come into contact with other foods while defrosting. Catch the defrosting liquid and dispose of it carefully.

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 fat. The cooking time is slightly less than that of fresh vegetables due to changes in the cell structure.

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

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 section

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, but 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 unit or the lighting.

⚠ Steam from a steam cleaning appliance could reach the electrical components and cause a short circuit.
Do not use a steam cleaner!

Cleaning water must not get into the drain hole.

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

Cleaning agents

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

To avoid damaging 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.

Preparing the appliance for cleaning

■ Switch the appliance off.

The display goes out and cooling is turned off.
If this does not happen, then the safety lock is still activated (see "Selecting additional settings - Activating/deactivating the lock").

■ Unplug the appliance or trip the circuit breaker.

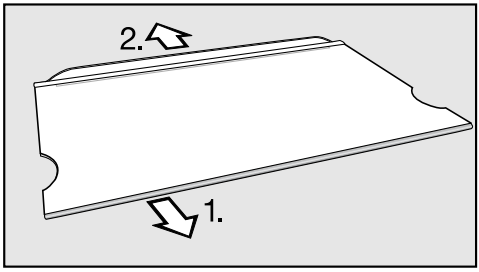
■ Take any food out of the appliance and store it in a cool place.

■ Take out all other removable parts for cleaning.

Shelf

Before cleaning the shelf remove the stainless steel trim at the front and the protective strip at the back of the shelf. To do this:

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



■ Pull the stainless steel trim off the shelf beginning at one side.

■ Remove the protective strip at the back.

■ After cleaning the shelf reattach the stainless steel trim and the protective strip.

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 compartments and the compartment lid (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 the door seal

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

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

Cleaning the ventilation grilles

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

- The air vents 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.

The majority of malfunctions and faults that occur during the daily routine can be put right without contacting the Service Department. The following guide will assist you to identify a malfunction or fault and rectify it yourself.
If, having followed the suggestions below, you still cannot resolve the problem, please contact Miele Technical Service.

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

⚠ Unauthorized installation, maintenance and repairs can cause considerable danger for the user.
Installation, maintenance and repairs must only be carried out by a Miele authorized technician.

Problem	Possible cause and solution
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.	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
The compressor runs continuously.	This is not a fault. To save energy, the compressor runs at a lower speed, but for longer, when less cooling is required. In this way, the running time of the compressor is extended.
The compressor is switching on more frequently and for longer periods of time, so the temperature in the appliance is dropping.	The ventilation slits in the cabinetry have been covered or become too dusty. ■ Do not block the ventilation slits. ■ Clean the ventilation slits on a regular basis.
	The doors have been opened too frequently, or a large amount of fresh food has been put in at once for storage or freezing. ■ Only open the doors when necessary and for as short a time as possible. After a while the temperature will return to normal by itself.
	The doors are not properly closed. A thick layer of ice may have formed in the freezer. ■ Close the appliance doors. After a while the temperature will return to normal by itself. If a thick layer of ice has formed, it will decrease the cooling capacity and increase the energy consumption. ■ Defrost the appliance and clean it.
	The room is too warm. The higher the room temperature, the longer the compressor has to run. ■ See "Installation location".
	The appliance was not properly installed in the niche. ■ See "Installation - Building in the appliance".
The compressor is switching on more frequently and for longer periods of time, so the temperature in the appliance is dropping.	The temperature setting is too low. ■ Correct the temperature setting.
	The SuperFreeze function is still switched on. ■ You can turn off the Automatic SuperCool function earlier to save energy.

Problem	Possible cause and solution
The compressor comes on less and less often and for shorter periods of time. The temperature in the appliance rises.	This is not a fault. The set temperature is too high. ■ Correct the temperature setting. ■ Check the temperature again after 24 hours.
	The food begins to defrost. The room temperature is lower than the ambient temperature for which the appliance is designed. Operating in a room which is too cold will cause the compressor to switch off for too long, causing the freezer to become too warm. ■ See "Installation location". ■ Increase the room temperature.
An LED indicator light is flashing at the back of the appliance at the bottom near the compressor (depending on model).	This is not a fault. The electronic unit for the compressor is equipped with an operation and fault diagnosis LED indicator light which flashes every 15 seconds (depending on model).
The door seal is damaged and needs to be replaced.	No tools are required to change the door seal. ■ Contact Miele Service.
Ice or condensation has built up inside the appliance.	The door seal has come out of its groove. ■ Check that the door seal is correctly positioned in the groove.
	The door seal is damaged. ■ Check whether the door seal is damaged.

Frequently asked questions

Messages in the display

Message	Possible cause and solution
🔒 is lit up in the display and the appliance cannot be used.	The safety lock has been activated. ■ Turn off the safety lock (see "Selecting settings - Switching the safety lock on/off").
The alarm symbol ⚠ and the temperature display are flashing.	The temperature in the appliance is too warm. For instance, this could be due to: – the door being opened too frequently, – a large quantity of fresh food has been placed in the freezer at once without turning on the SuperFreeze function. – a lengthy interruption to the power supply. ■ Rectify the cause of the alarm. The alarm will stop and the alarm symbol ⚠ will go out when the temperature reaches the correct level again. ■ 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. ■ Contact Miele Technical Service for information on deactivating Demo mode.
"F0 to F9" appears in the display.	There is a fault. ■ Contact Miele Technical Service.

The interior lighting is not working.

Problem	Possible cause and solution
The interior lighting is not working.	The appliance has not been switched on. ■ Switch the appliance on.
	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. ⚠ Danger of electric shock. There are live electrical components under the lighting cover. The LED lighting may only be repaired or replaced by a Miele authorized service technician. ⚠ Danger of injury from LED lighting. Light intensity corresponds to laser beam class 1/1M. The lighting covers must not be removed or damaged, or be removed due to damage. This could cause injury to your eyes. Do not look into the LED lighting (laser beam class 1/1M) with optical instruments (e.g. magnifying glass or similar). ■ Contact Miele Technical Service.

Other problems

Problem	Possible cause and solution
The door to the freezer section will not open because it has been opened and closed too many times in succession.	This is not a fault. The suction caused by opening and closing the door is preventing the door from opening. Wait approx. 1 minute and then try again. It should now open without force.
Food has frozen together or to the wall.	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.
The external walls of the appliance feel warm.	This is not a fault. The warmth created by the evaporator is used to prevent condensation.
The floor of the refrigerator section is wet.	The drain hole is blocked. ■ Clean the condensate channel and the drain hole.

Normal noises	Cause
Brrrrr...	A humming noise is made by the motor (compressor). This noise can get louder for brief periods when the motor switches on.
Blub, blub...	A gurgling noise can be heard when the coolant circulates through the pipes.
Click...	Clicking sounds occur whenever the thermostat switches the motor on or off.
Sssrrrrr...	You can sometimes just hear the sound of the fan inside the appliance.
Crack...	A cracking sound can be heard when materials expand inside the appliance.
Please bear in mind that a certain amount of noise is unavoidable (from the compressor and the coolant circulating through the system).	

Noises	Possible cause and solution
Rattling, clinking	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.

Technical Service

Contact in case of fault

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

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

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

You will find the data plate inside your appliance.

Warranty

For more information about warranty conditions, please contact Miele Technical Service.

⚠ 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.

Electrical connection

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.

⚠ WARNING! This appliance must be built in, otherwise it could tip up.
Install the appliance in accordance with the installation instructions.

⚠ Risk of fire and damage! This appliance must not be installed underneath a cooktop.

Installation location

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

This appliance should not be installed where it is exposed to direct sunlight or directly adjacent to a heat-producing appliance such as a cooker, an oven or a radiator, under a hob or near a window in direct sunlight. The higher the ambient temperature of the room, the longer the compressor runs, and the more energy the appliance requires to operate. The appliance should be installed in a dry, well ventilated room.

When installing the appliance, please note:

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

⚠ **In environments with high humidity** condensation may appear on the external surfaces of the appliance.
Condensate can cause corrosion on external appliance walls.
For prevention, it is advisable to install the appliance with sufficient ventilation in a dry and/or air conditioned room.
After installation make sure that the appliance door closes properly, the air vents are not covered and that the appliance has been installed in accordance with these 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 to 38°C
T	60°F to 109°F / 16 to 43°C

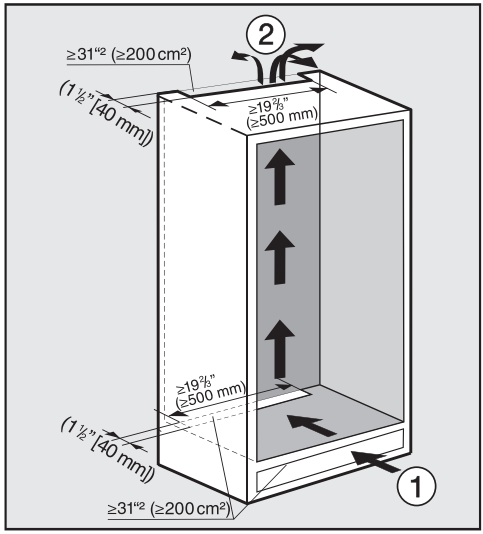
Operating in a room which is too cold will cause the compressor to turn off for too long, causing the internal temperature in the appliance to rise, resulting in damage.

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 plinth 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 plinth, 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.

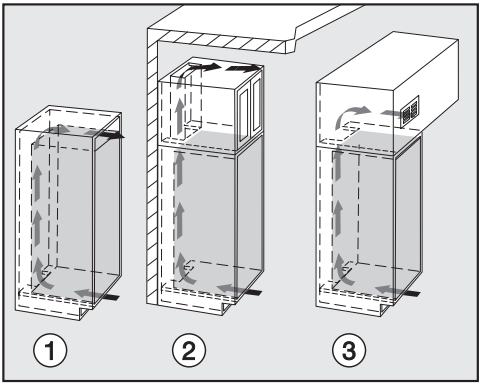
If you wish to fit a grille in the ventilation openings, the ventilation openings must be larger than 31 square inches. The passage volume of 31 square inches is the total area of the opening slits in the grille.

– 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.

Upper ventilation slit

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



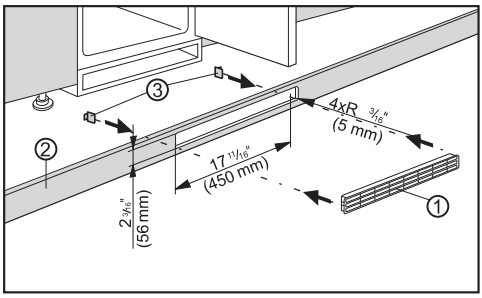
① directly above the appliance with a ventilation grille (total passage volume of min. 31 square inches)

② between the cabinetry and the ceiling

③ through 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.

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)

Calculating cabinet door sizes

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

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

The following gaps are required:

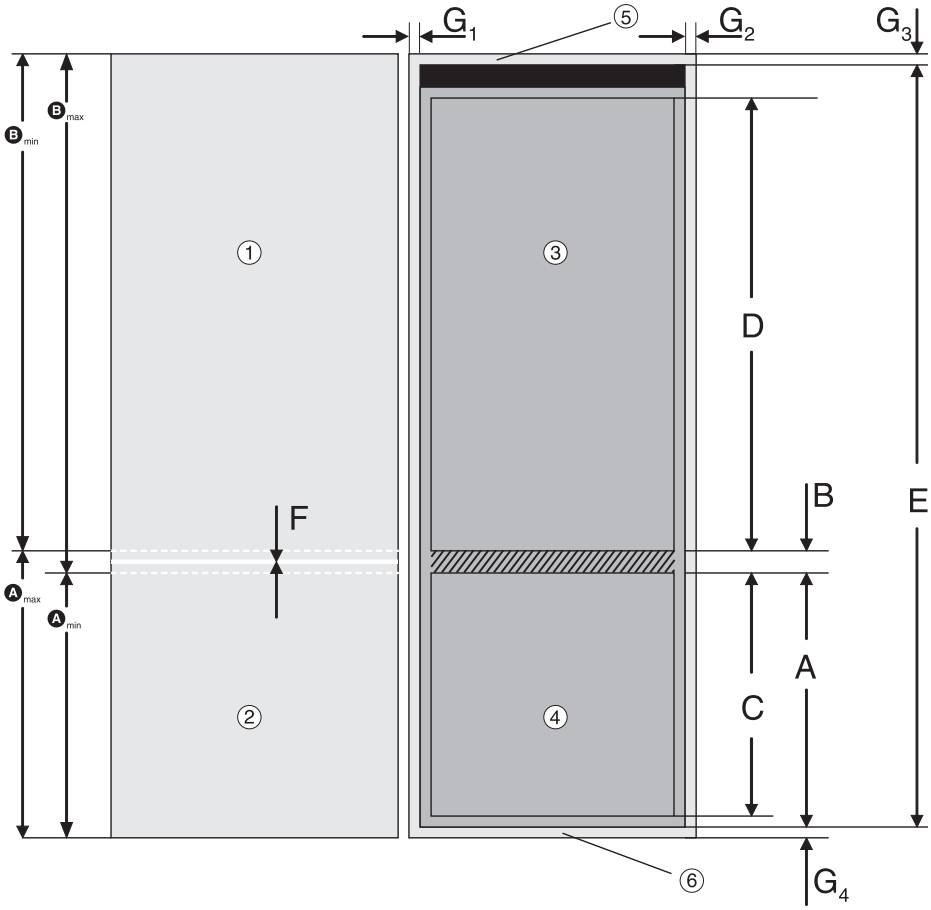
– The horizontal gap between the cabinet door and the cupboard door above it must be at least 1/8'' (3 mm).

– 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 installed level, 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



Ⓐmin /Ⓐmax height of freezer section cabinet door
Ⓑmin /Ⓑmax 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

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_{1-4}	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:
   $Ⓐ_{min} = A + G_4 = 28\ 1/8"$ (714 mm).
3. The height of the cabinet door may need to be altered depending on the adjacent kitchen units:
   $Ⓐ_{max} = A + G_4 + D - 1/8"$ (3 mm) = 28 9/16'' (726 mm).

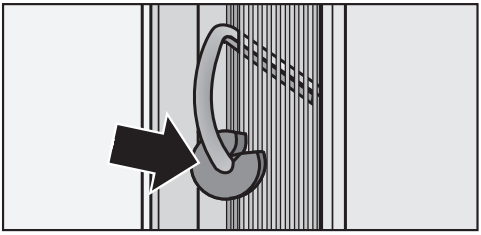
– Height of refrigerator section cabinet door ①

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

1. Height of freezer section cabinet door = $Ⓐ_{max}$:
   $Ⓑ_{min} = A + G_3 + G_4 - Ⓐ_{max} - 1/8"$ (3 mm)
   = 43 3/16" (1097 mm)
2. Height of freezer section cabinet door = $Ⓐ_{min}$:
   $Ⓑ_{max} = A + G_3 + G_4 - Ⓐ_{min} - 1/8"$ (3 mm)
   = 43 11/16" (1109 mm)

Before installing the appliance

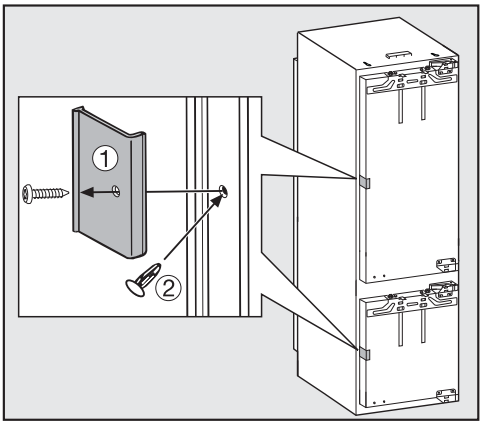
- Before installation, remove the bag of installation and other accessories from the appliance and remove the profile strip from the outer appliance door.
- **Do not remove** the following from the back of the appliance



– the spacers (depending on the model). They ensure the distance required between the back of the appliance and the wall.

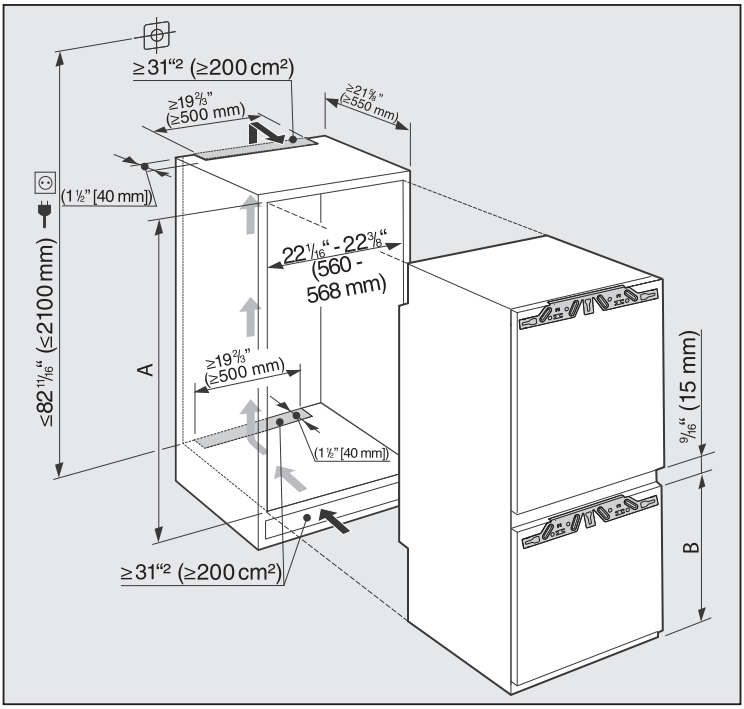
– the bags located in the metal grille (heat exchanger, depending on model).
These are required for the functioning of the appliance. Their contents are not toxic or hazardous.

- 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 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**
KFN 37232 iD	1772 – 1788	695

Limiting the opening angle of the appliance doors

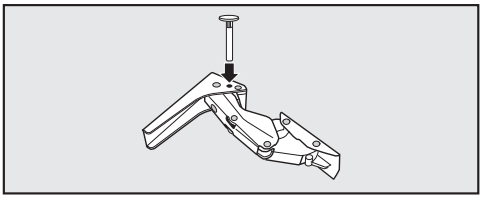
The door hinges are set ex factory to allow the appliance doors to be opened wide.

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 would otherwise hit an adjacent wall, you should limit their opening angle to approx. 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 pins supplied into the hinges from above.

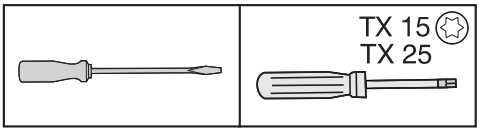
This will limit the opening angle of the appliance door to approx. 90 °.

Adjusting the door hinge

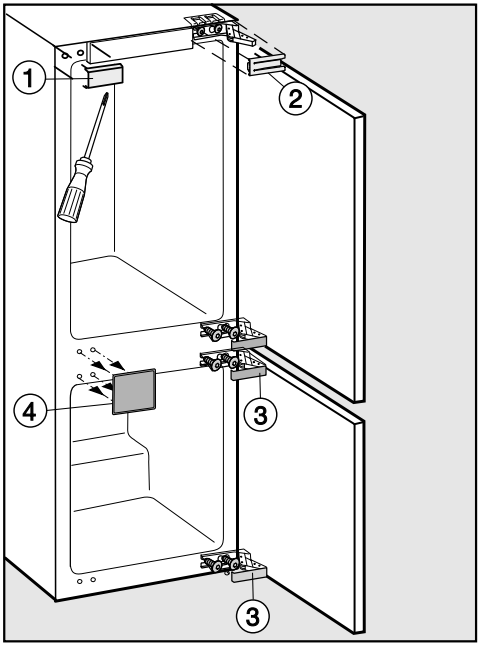
Always change the door hinge with the assistance of another person.

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

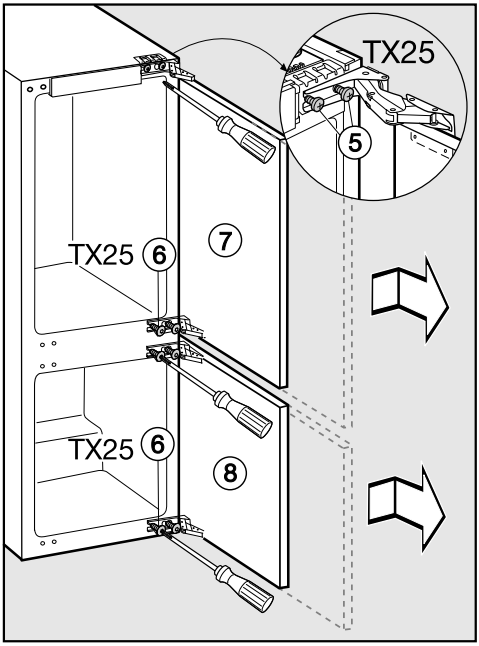
The following tools are required for changing the door hinging:



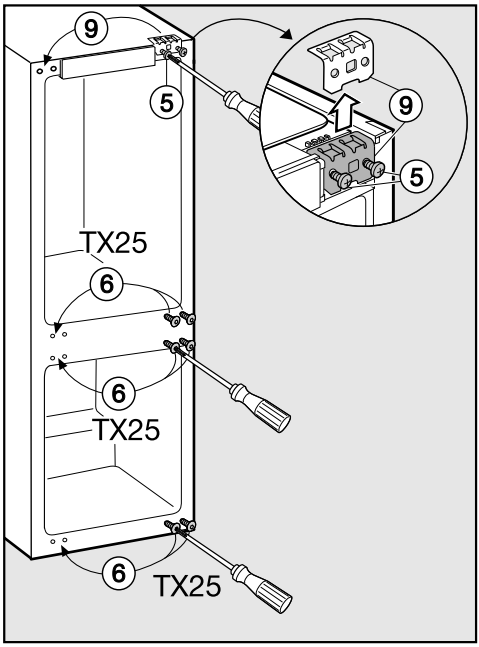
- Open both appliance doors.
- Remove the shelves/bottle shelf from the appliance door.



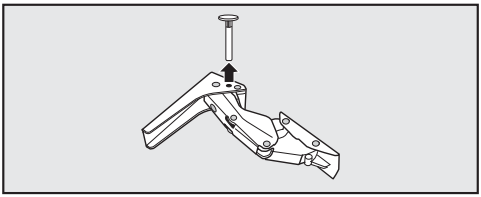
- Remove covers ①, ②, ③ and ④.



- Loosen screws ⑤ and ⑥ on the hinges a little.
- Push appliance doors ⑦ and ⑧ outwards and take them off.



- Remove screws ⑤ completely.
- Place securing element ⑨ on the opposite side and loosely fasten screws ⑤.
- Remove the screws ⑥ completely and screw them lightly into the other side.



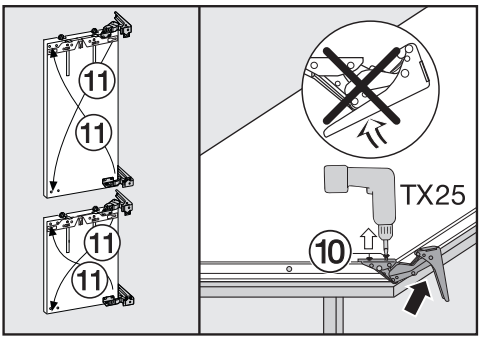
- If you have inserted pins into the hinges to limit the opening angle of the door:
  Remove the pins upwards and out of the hinge.

Adjusting the door hinge

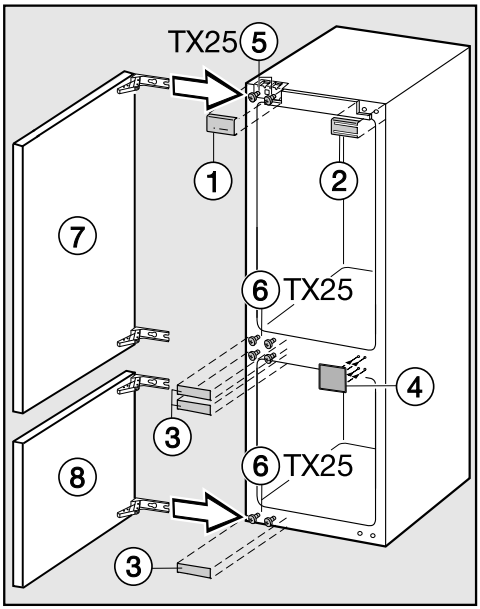
Complete the following steps on both doors.

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

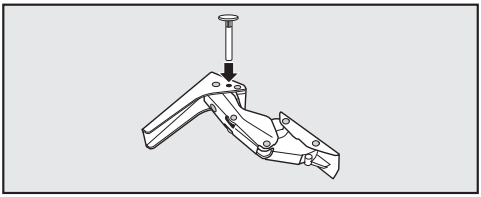
Risk of injury!
Do not close the hinges.



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



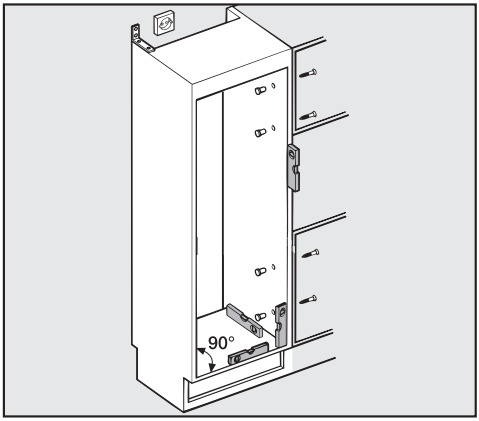
- Push appliance doors ⑦ and ⑧ onto pre-inserted screws ⑤ and ⑥ and tighten screws ⑤ and ⑥.
- Replace covers ①, ②, ③ and ④.



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

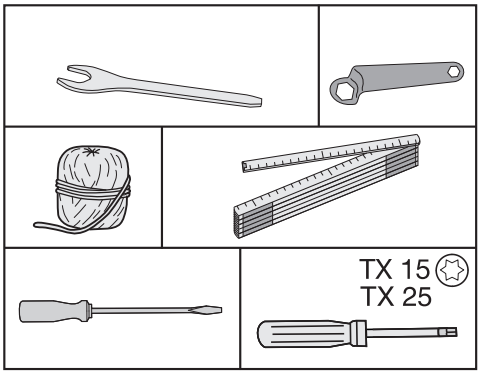
Two people are required to install the appliance.

- Install the appliance in a stable, solid housing unit, positioned on an even and level floor.
- Secure the cabinetry against tipping.



- Align the appliance using a spirit level. 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 slits must be ensured (see "Installation - Ventilation" and "Installation dimensions").

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

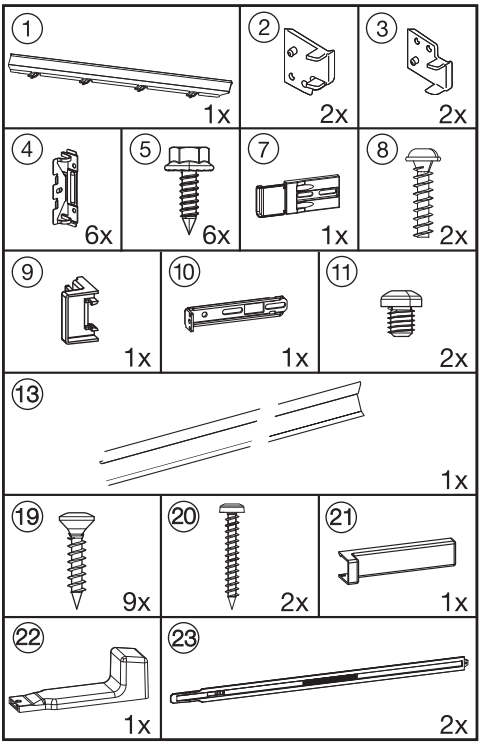


Building in the appliance

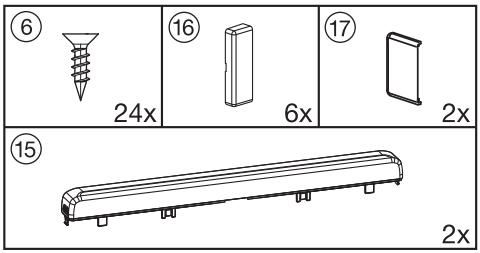
The following installation parts are required:

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

– **For building the appliance into the niche:**



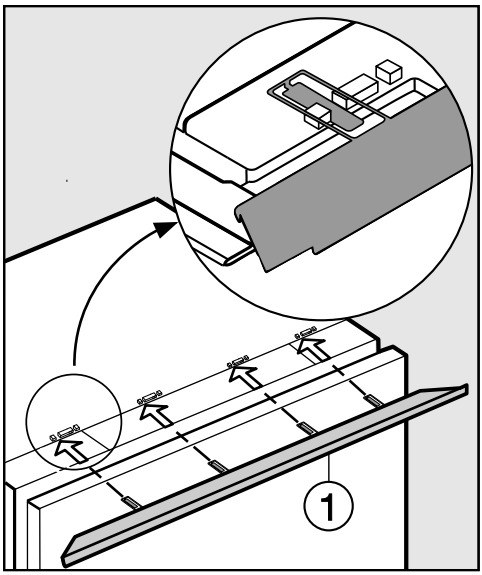
– **For fitting the cabinet doors:**



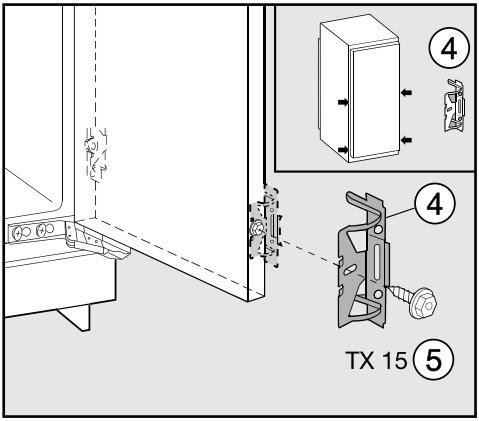
All installation steps are shown on a right-hinged appliance. Please be aware of this if you are changing the hinging to the left.

Preparing the appliance

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



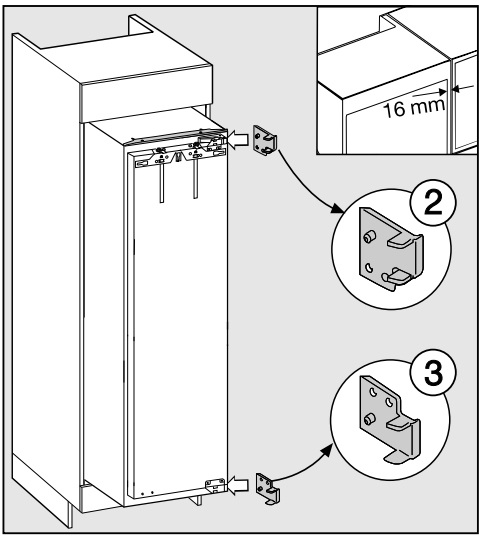
■ Push filler strip lugs ① into the holders from the front.



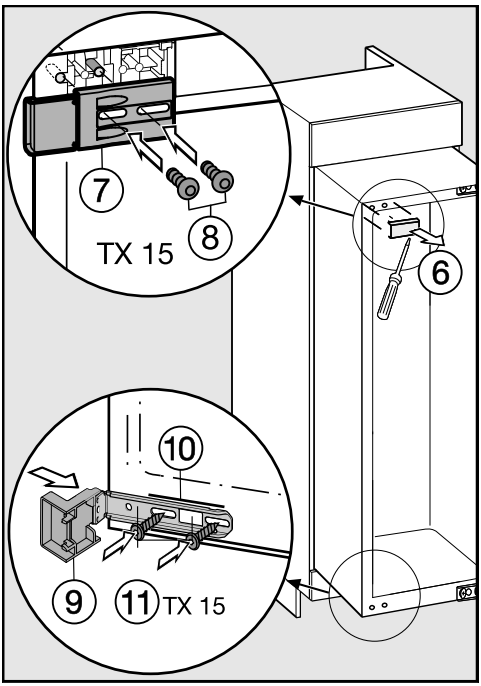
- Screw securing bracket ④ to the pre-drilled holes in the appliance door using Allen key ⑤.
- Screw a second pair of securing brackets ④ into the handle area of the door using the pre-drilled holes in the appliance door.
- Push the appliance two-thirds of the way into its niche. When doing this, make sure that the power cord does not get trapped.

Tip: Tie a piece of string to the plug to "lengthen" the power cord.
Then 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.

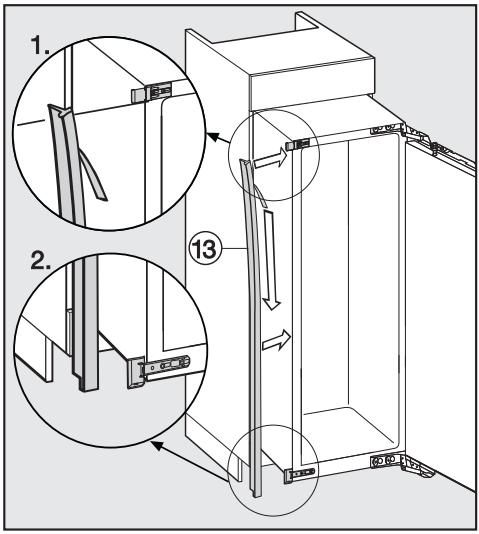
Only in the case of 5/8" (16 mm) thick unit walls:



- Clip spacers ② and ③ onto the hinge on the right.
- Open the appliance door.



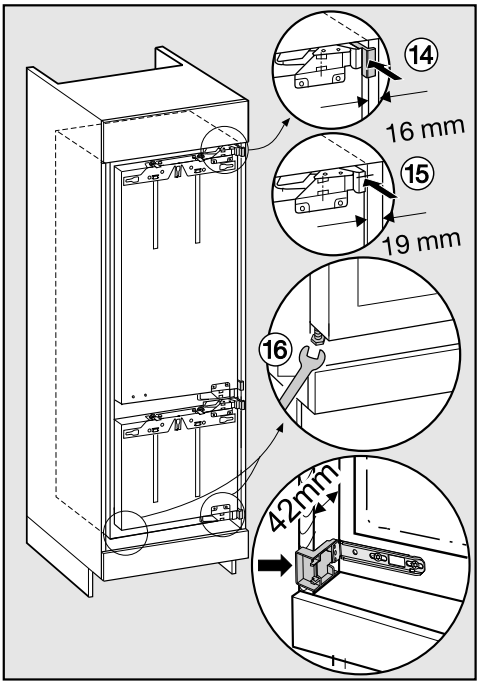
- Remove cover ⑥.
- Attach securing plate ⑦ loosely with screws ⑧ to the top left of the appliance. Leave the screws loose so the plate can still be moved.
- Push contact component ⑨ onto securing bracket ⑩.
- Fix securing bracket ⑩ loosely with screws ⑪ at the bottom of the appliance. Leave the screws loose so the bracket can still be moved.



- Carefully remove the protective foil from profile strip ⑬.
- Stick profile strip ⑬ flush onto the front side of the appliance on which the door will open.

1. To do this, place the profile strip on the bottom edge of the securing bracket.
2. Stick it down lengthways.

Building in the appliance



- Now push the appliance into the niche until all securing brackets make contact with the front edge of the cabinet side wall.

– ⑭ **For 5/6" (16 mm) thick cabinet walls:**
The spacers make contact with the top and bottom of the front edge of the cabinet side walls.

– ⑮ **For 3/4" (19 mm) thick cabinet walls:**
The front edges of the top and bottom hinges are flush with the front edge of the cabinet side walls.

- Check the position of the securing bracket at the top and bottom front edge of the cabinet side wall again.

In this way a distance of **1 1/2" (42 mm)** to the front edges of the cabinet side walls is maintained all round.

For furniture with door contact components (such as nubs, sealing lips etc.) the dimensions of the door contact components must be taken into consideration to maintain a distance of **1. 1/2" (42 mm)** all-round.

- Pull the appliance forward by the corresponding dimension as required.

The hinges and covers will now be positioned correctly for the dimensions.

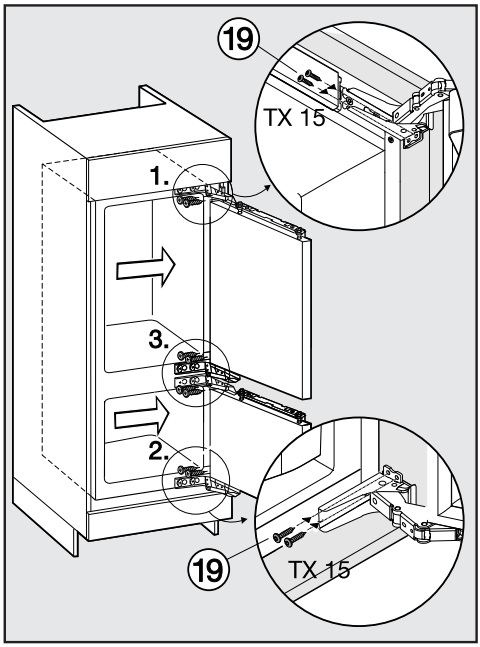
Tip: Remove the door contact components to guarantee a flush alignment with the surrounding cabinetry.

- ⑯ Align the appliance on both sides via the adjustable feet using the spanner supplied, so that it stands upright.

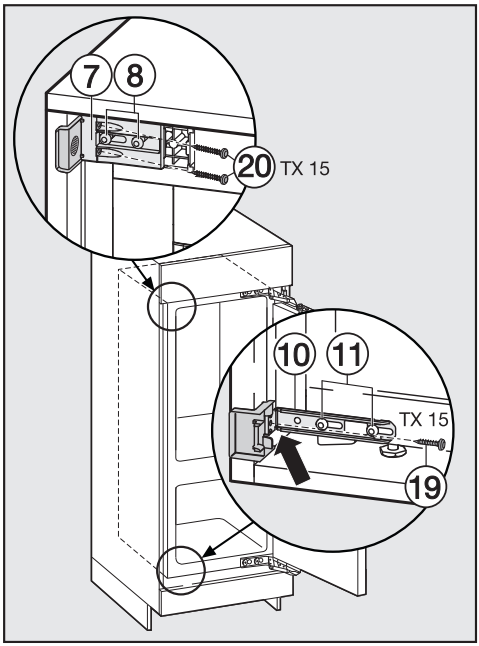
If an all round distance of 1 1/2" (42 mm) is not maintained (from the body of the appliance to the front side of the cabinet side walls), the door will not close properly.

This can cause the formation of ice or condensation and other functional errors which can result in increased energy consumption!

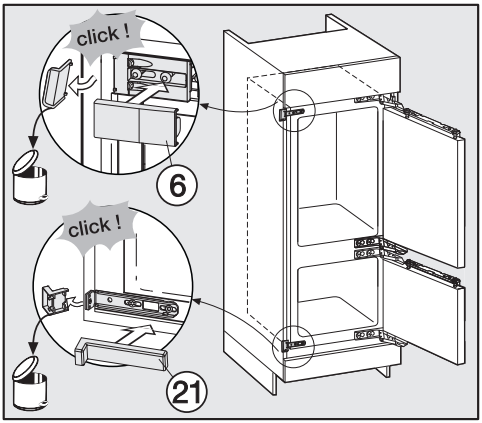
Securing the appliance in the niche



- Push the appliance onto the cabinet wall on the hinge side.
- To join the appliance to the cabinet, screw fixing plate screws ⑲ into the top, middle and bottom of the lug of the hinge.

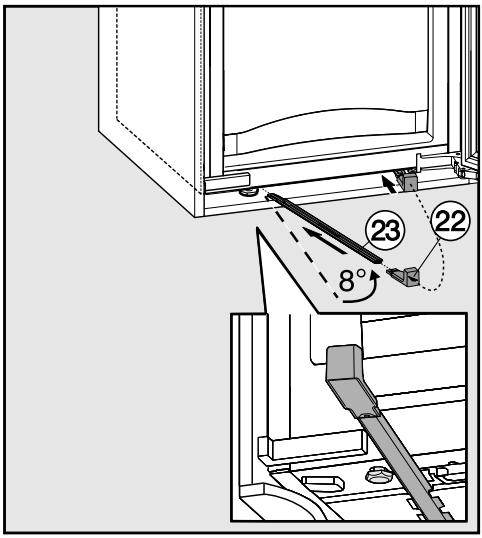


- Push the loose securing bracket against the cabinet wall.
- Fix securing bracket ⑩ to the cabinet wall with screw ⑲. Pre-drill the hole in the cabinet wall if necessary.
- Fix securing bracket ⑦ to the cabinet wall with screws ⑳. Pre-drill the holes in the cabinet wall if necessary. **Caution!** Press the protruding bracket against the cabinet wall with your thumbs while tightening the screws. The appliance must not shift backwards.
- Now tighten screws ⑧ and ⑪ again.



- Snap off any protruding ends from the securing bracket. They are no longer required and can be disposed of.
- Place relevant covers ⑥ and ㉑ on the securing bracket.

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



- First secure handle ㉒ to one of the batons ㉓.
- Guide it into the channel as far as it will go. Now remove the handle, place it on the other baton and guide this in too.
  Important! Keep the handle in case you want to move the appliance at a later date.
- Close the appliance doors.

Fitting the cabinet doors

The cabinet door must be min. 5/8" (16 mm) or max. 3/4" (19 mm) thick.

The following gap dimensions must be maintained:

– The gap between the cabinet door and the cupboard door above it must be min. 1/8" (3 mm).

– The vertical gap between the cabinet doors should be approx. 3 mm. The exact value will depend on the radius of the edge of the cabinet door.

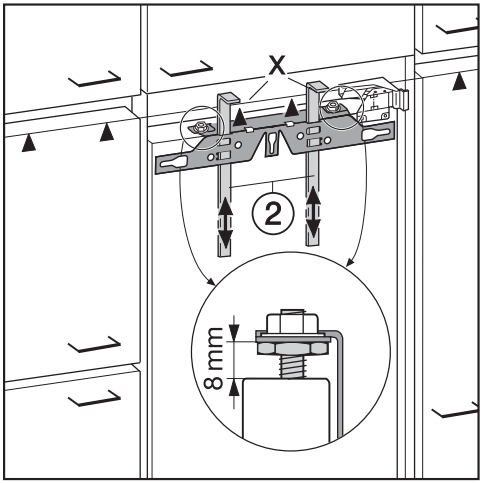
If fitted in a run of units make sure that the top edge of the cabinet door is at the same height as neighboring unit doors.

The appliance door must be under no stress or burden while being fitted.

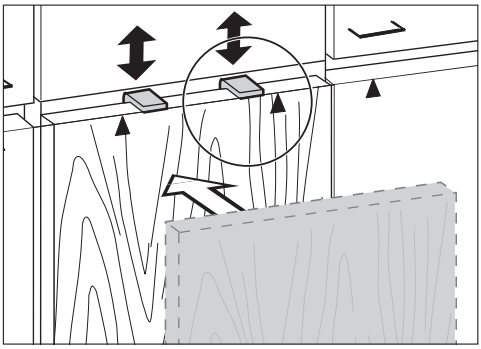
Fitted cabinet doors that exceed the permissible weight can cause damage to the hinges which can among other things affect the functioning of the appliance!

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

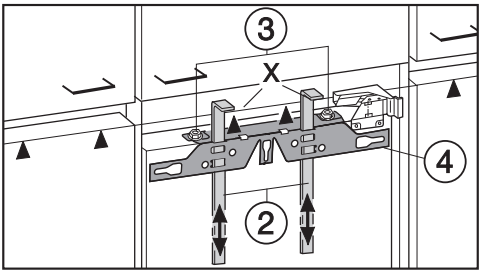
Complete the following steps on both doors.



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

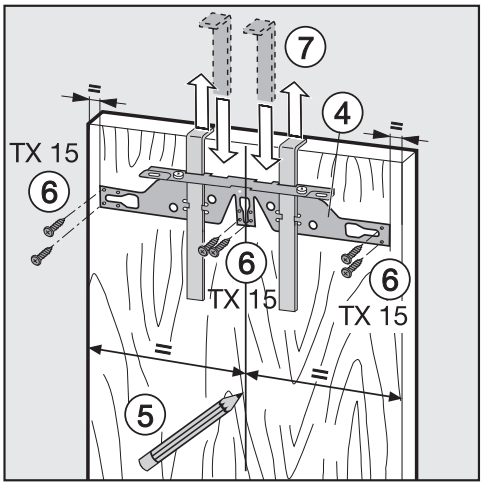


Tip: Push installation aids ② to the height of the adjacent cabinet doors with the cabinet front.

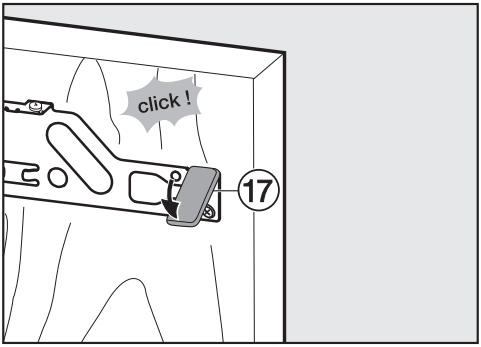


- Unscrew nuts ③ and remove mounting frame ④ together with installation aids ②.

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

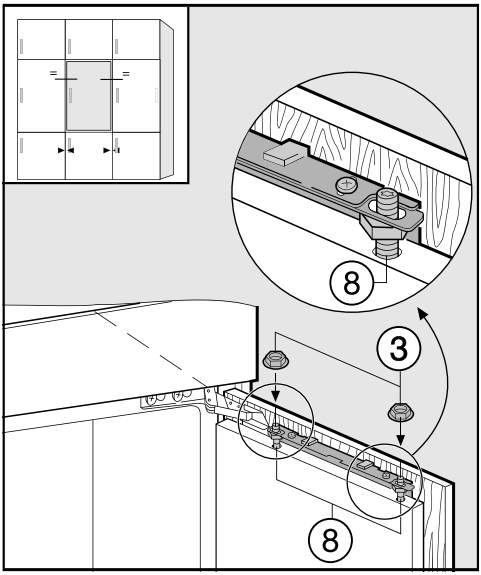


- Draw a faint central line with a pencil on the inside of cabinet door ⑤.
- Hang mounting frame ④ with the installation aids on the **inside** of the cabinet door. Align the mounting frame centrally.
- Secure the mounting frame with at least 6 short fixing plate screws ⑥. (for cassette doors use only 4 screws at the edge). Pre-drill the holes in the cabinet door if necessary.
- Pull the installation aids upwards and out ⑦.
  Turn the installation aids and push them all the way into the middle slot of the mounting frame for safe keeping.



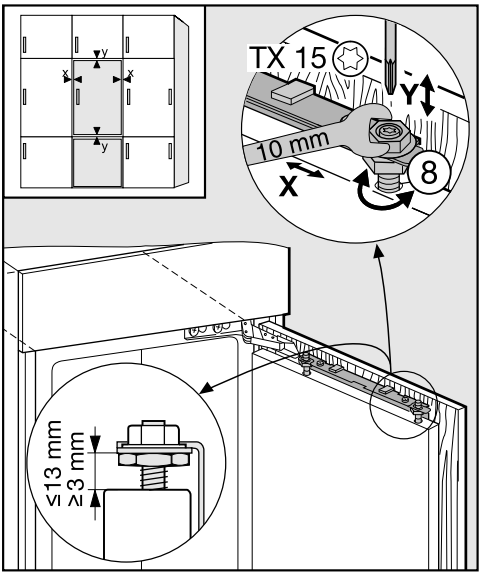
- Push side cover ⑰ onto the mounting frame opposite the hinge side.
- Turn the cabinet door over and attach the handle (if required).

- Open the appliance door.



- Hang the cabinet doors on adjusting bolts ⑧.
- Screw nuts ③ loosely onto the adjusting bolts.
- Close the door and check the distance between the door and adjacent cabinets and fixtures. The gaps should be even.

Adjusting the position of the door



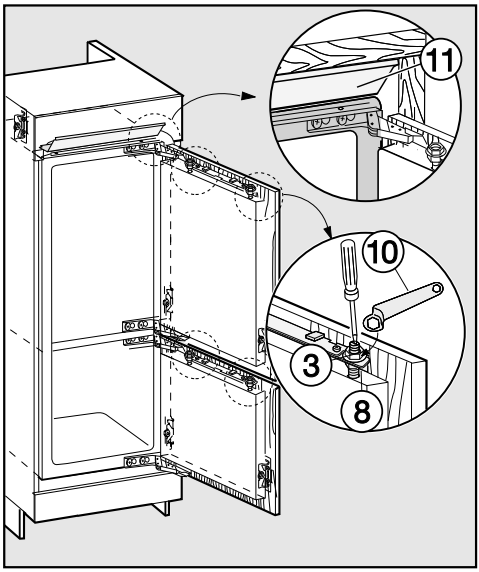
- Adjusting the sides (X)

- Adjust the cabinet door.

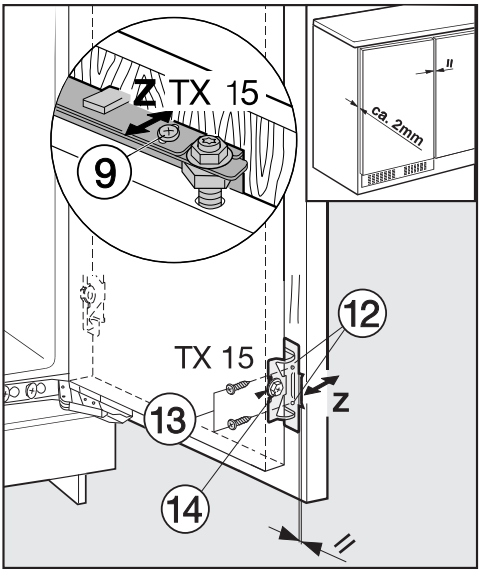
- Adjusting the height (Y)

- Turn adjusting bolts ⑧ with a screwdriver.

The distance between the appliance door and the mounting frame is set to 8 mm. Only adjust the distance within the given range.



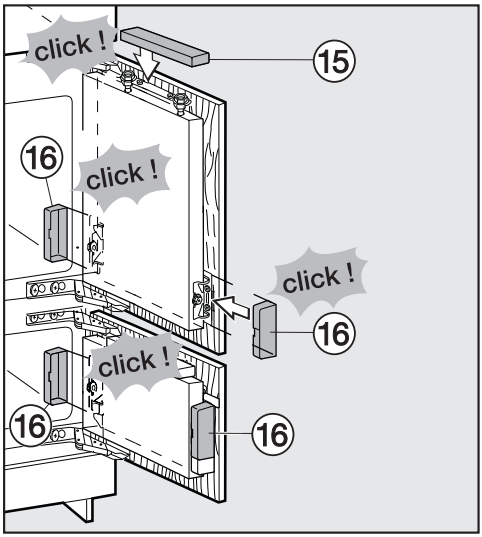
- Tighten nuts ③ on the appliance doors with ring spanner ⑩ while counter-holding adjusting bolts ⑧ with a screwdriver.
- Filler strip ⑪ must not protrude; it must completely disappear into the niche.



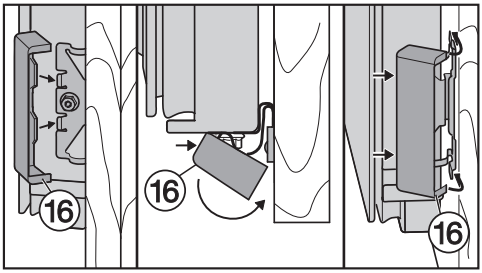
- Pre-drill fixing holes ⑫ in the cabinet door and fasten screws ⑬. Make sure both metal edges are flush (// symbol).
- Close the appliance door and the cabinet door.

- Adjusting the depth (Z)

- Loosen screws ⑨ at the top of the appliance door and screw ⑭ at the bottom of the securing bracket. Push on the appliance door until there is a gap of 1/16" (2 mm) between the cabinet door and the cabinet carcase.
- Tighten all the screws again.



- Replace upper cover ⑮ and click it into place.



- Push up side covers ⑯ so that they audibly click into place.

The appliance is properly installed in the niche if:

– The doors close properly.

– The doors are not sitting against the cabinet carcase.

– The seal on the top corner of the handle side is firmly seated.

■ To check this, place a lamp 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.

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

U.S.A.

Miele, Inc.

National Headquarters
9 Independence Way
Princeton, NJ 08540
Phone: 800-843-7231
Fax: 609-419-4298
www.mieleusa.com

Technical Service & Support
Phone: 800-999-1360
Fax: 888-586-8056
TechnicalService@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

Customer Care Centre
Phone: 800-565-6435
905-532-2272
customercare@miele.ca

Miele

KFN 37232 iD

en – US, CA

M.-Nr. 10 516 570 / 02