

















Operating instructions Refrigerator



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

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Warning and Safety instructions

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

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

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

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

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

Correct application

► This refrigeration appliance is intended for use in the home and in similar environments, for example

- in shops, offices and similar work settings
- by the guests in hotels, motels, bed & breakfasts and other typical home settings.

This refrigeration appliance is not intended for outdoor use.

► The refrigeration appliance is intended for domestic use only for cooling and storing food and drink.

The refrigeration appliance is not suitable for freezing food. Any other usage is not permitted.

Warning and Safety instructions

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

Miele cannot be held liable for damage caused by improper or incorrect use or operation of the appliance.

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

Safety with children

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

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

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

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

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

Technical safety

► The coolant circuit has been checked for leaks. The refrigeration appliance complies with statutory safety requirements and the appropriate EU directives.



► Warning: fire hazard/flammable materials. This symbol is on the compressor and indicates flammable materials. Do not remove this sticker.

The refrigerant inside the appliance (details on the data plate) is environmentally friendly but flammable.

The use of this refrigerant does, however, sometimes lead 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 cooling circuit. Unfortunately, this cannot be avoided, but it does not affect the performance of the refrigeration appliance.

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

In the event of damage:

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

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

Warning and Safety instructions

▶ To avoid the risk of damage to the appliance, make sure that the connection data (fuse rating, frequency and voltage) on the data plate corresponds to the household supply.

Check that this is the case before connecting the appliance. Consult a qualified electrician if in any doubt.

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

▶ Temporary or permanent operation on an autonomous power supply system or a power supply system that is not synchronised with the mains power supply (e.g. island networks, back-up systems) is possible. A prerequisite for operation is that the power supply system complies with the specifications of EN 50160 or an equivalent standard.

The function and operation of the protective measures provided in the domestic electrical installation and in this Miele product must also be maintained in isolated operation or in operation that is not synchronised with the mains power supply, or these measures must be replaced by equivalent measures in the installation. As described, for example, in the current version of BS OHSAS 18001–2 ISO 45001.

▶ If the electrical connection cable supplied is damaged, it must only be replaced by an original spare part to prevent a hazard for the user. Miele can only guarantee the safety of the appliance when original Miele spare parts are used. For safety reasons, such replacement may only be carried out by a qualified specialist or your Miele dealer.

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

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

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

▶ Do not use a damaged appliance. It could be dangerous. Check the appliance for visible signs of damage.

Warning and Safety instructions

- ▶ This refrigeration appliance is not intended for use as a built-in appliance.
- ▶ The appliance must be isolated from the electricity supply during installation, maintenance and repair work.
- ▶ Unauthorised installation, maintenance and repairs can cause considerable danger for the user. Installation, maintenance and repairs must only be carried out by a Miele authorised technician.
- ▶ While the appliance is under warranty, repairs should only be undertaken by a Miele authorised technician. Otherwise the warranty is invalidated.
- ▶ Faulty components must only be replaced with genuine Miele original spare parts. Miele can only guarantee the safety standards of the appliance when Miele replacement parts are used.
- ▶ This refrigeration appliance is supplied with a special lamp to cope with particular conditions (e.g. temperature, moisture, chemical resistance, abrasion resistance and vibration). This lamp must only be used for the purpose for which it is intended. The lamp is not suitable for room lighting. Replacement lamps may only be fitted by your Miele dealer. This refrigeration appliance contains several light sources with at least energy efficiency class F.
- ▶ In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the appliance and its surroundings clean at all times. Any damage caused by cockroaches or other vermin will not be covered by the warranty.

Proper installation

- ▶ When installing the refrigeration appliance, it is a mandatory requirement to follow the installation instructions supplied with it.
- ▶ Change the door hinging (if necessary) as described in the installation instructions supplied with the appliance.
- ▶ Refrigeration appliances with an “S” in the model identifier can be installed next to each other as a side-by-side combination:
 - Carry out installation as described in the installation instructions supplied with the appliance.
 - Do not change the door hinging as the arrangement of the refrigeration appliances is predefined.

Warning and Safety instructions

- ▶ Always wear protective gloves when transporting and installing the refrigeration appliance.
- ▶ Two people are required to install the refrigeration appliance.

Correct use

- ▶ This refrigeration appliance is designed for use within specific ambient temperatures (climate range). Do not use in ambient temperatures for which it is not designed. The climate range is stated on the data plate in the interior cabinet of the refrigeration appliance. A lower ambient temperature will cause the compressor to switch off for longer periods, meaning that the refrigeration appliance is unable to maintain the required temperature.
- ▶ Do not cover or block the air vents as this could impair the efficiency of the appliance, increase the electricity consumption and could cause damage to the components.
- ▶ If storing food which contains a lot of fat or oil in the appliance or the door, make sure that it does not come into contact with plastic components as this could cause stress cracks or break the plastic.
- ▶ Risk of fire and explosion. Do not store explosive materials in the refrigeration appliance or any products containing propellants (e.g. spray cans). Electrical components can cause flammable mixes of gases to ignite.
- ▶ **WARNING!** Danger of explosion. Do not operate any electrical equipment (e.g. an electric ice-cream maker) inside the refrigeration appliance. Danger of sparking and explosion.
- ▶ Observe the manufacturer's "use-by" dates and storage instructions given on food to avoid the risk of food poisoning. Storage times will depend on several factors, including the freshness and quality of the food, as well as the temperature at which it is stored.

Stainless steel appliances

- ▶ Adhesives will damage the stainless steel surface and cause it to lose its dirt-repellent protective coating. Do not use sticky notes, transparent adhesive tape, masking tape or other types of adhesive on the stainless steel surface.
- ▶ The surface is susceptible to scratching. Even magnets can cause scratching.

Accessories and spare parts

- ▶ Only use original Miele accessories. If other parts are used, warranty, performance and product liability claims will be invalidated.
- ▶ Miele will guarantee to supply functional spare parts for a minimum of 10 years and up to 15 years following the discontinuation of your refrigeration appliance.

Cleaning and care

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

Transport

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

Warning and Safety instructions

Disposal of your old appliance

▶ Children playing could become trapped in the appliance and could suffocate.

- Remove the appliance doors.
- Remove the drawers.
- Leave the adjustable shelves in the refrigeration appliance so children cannot climb inside.
- If your old refrigeration appliance has a door lock, destroy it. This will prevent the risk of children playing accidentally locking themselves in and endangering their lives.

▶ Risk of electric shock!

- Cut the plug off the mains connection cable.
- Cut the mains connection cable off the old appliance.

Dispose of the plug and mains connection cable separately from the old appliance.

▶ During and after disposal, make sure that the refrigeration appliance is not placed near petrol or other flammable gases and liquids.

▶ Risk of fire due to escaping oil or refrigerant!

The refrigerant and oil inside the appliance are flammable. In high enough concentrations, escaping refrigerant or oil may ignite if they come into contact with an external heat source.

During disposal, make sure that the cooling circuit is not damaged in order to prevent refrigerant and oil escaping in an uncontrolled manner (see the data plate for details of the refrigerant).

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

- puncturing the coolant channels in the condenser,
- bending any pipework, or
- scratching the surface coating.

Symbol on the compressor (depending on model)

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

Warning and Safety instructions



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

Caring for the environment

Disposal of the packing material

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

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

Disposing of your old appliance

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




Take care not to damage your refrigeration appliance before or during disposal in an authorised, environmentally friendly manner. This is to ensure that refrigerant in the cooling circuit and oil in the compressor is contained, and will not leak into the environment.

Instead, please make use of officially designated collection and disposal points to dispose of and recycle electrical and electronic appliances in your local community, with your dealer or with Miele, free of charge. You are solely responsible for deleting any

personal data from the old appliance prior to disposal. You are obliged to remove any old batteries which are not securely enclosed by the appliance and to remove any lamps without destroying them, where this is possible. These must be taken to a suitable collection point where they can be handed in free of charge. Please ensure that your old appliance poses no risk to children while being stored for disposal.

Installation site


 Risk of damage due to high humidity.

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

This condensate can cause corrosion on external appliance panels.


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

After installation please make sure that the appliance door(s) closes/closes properly and that the specified ventilation gaps are adhered to.

 Fire risk and risk of damage from appliances which give off heat.

Appliances which give off heat can catch fire and set fire to the refrigeration appliance.

Do not place appliances which give off heat, such as mini-ovens, double burner hobs or toasters on the refrigeration appliance.

 Fire risk and danger of damage from open flames.

Open flames can set fire to the refrigeration appliance.

Keep open flames (e.g. a candle) away from the refrigeration appliance.

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

When deciding on the installation site, please bear in mind that your refrigeration appliance will use more energy if installed near to a heater, a cooker or other appliance that gives off heat.

Avoid direct sunlight.

The higher the ambient temperature, the longer the compressor runs and the higher the energy consumption is.

When installing the refrigeration appliance, please note the following:

- The socket must be easily accessible in an emergency, not concealed behind the appliance.
- The mains plug and mains connection cable must not touch the rear of the refrigeration appliance as they could be damaged by vibrations from the appliance.
- Do not plug in other appliances into sockets behind this appliance.
- When installing the refrigeration appliance, make sure that the mains connection cable does not get trapped or damaged.
- Do not position or operate multi-socket adapters, distributor strips or other electronic devices (e.g. halogen transformers) at the rear of the appliance.
- The floor at the installation site must be horizontal and level and must be as high as the surrounding floor.

Installation

Climate range

This refrigeration appliance is designed for use within specific ambient temperatures (climate range). Do not use in ambient temperatures for which it is not designed. The climate range is stated on the data plate in the interior cabinet of the refrigeration appliance.

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

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

Ventilation requirements



Risk of fire and damage due to insufficient ventilation.

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

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


It is essential to observe the required ventilation gaps.

The ventilation gaps must not be covered or blocked in any way.

They must also be regularly dusted.

Air at the back of the refrigeration appliance gets warm. Sufficient space for proper ventilation must therefore be ensured (see “Installation dimensions”).

Installing several refrigeration appliances

 Risk of damage due to condensation on external appliance panels.

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

Do **not** place different refrigeration appliances **directly** next to one another.

A distance of at least 70 mm must be maintained between the refrigeration appliances.

Side-by-side installation

Your refrigerator can be installed to the right of another freezer as it is equipped with an integrated heater in the left-hand side panel (see “Appliance dimensions”).


The freezer must also be equipped with an integrated heater in the right-hand side panel.

The appropriate side-by-side installation kit for the appliance model will be provided with the freezer. The accompanying installation instructions describe how to install the refrigeration appliances next to each other.

Tip: Please contact your dealer for specific information about which combinations will work with your refrigeration appliance.

Changing the door hinging

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

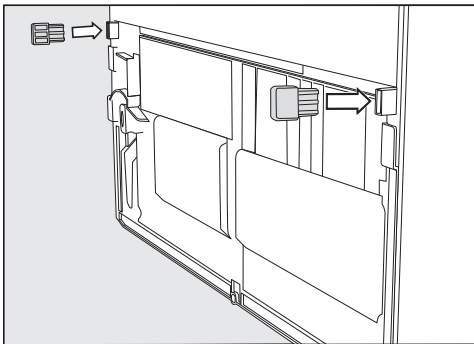
 Danger of injury and damage to the appliance due to heavy door. There is an increased risk of injury and damage if the door hinging is installed by a single person. Always change the door hinging with the help of a second person.

The refrigeration appliance is supplied with right-hand hinging. If left-hand hinging is required, the hinges must be changed (see accompanying installation instructions).

Installation

Fitting supplied wall spacers

The wall spacers supplied must be used in order to achieve declared energy consumption values and to prevent the build-up of condensation at high ambient temperatures. The refrigeration appliance depth is increased by approx. 15 mm for appliances with wall spacers fitted. If the wall spacers are not used, the functionality of the refrigeration appliance is not affected. Energy consumption is only slightly increased with less distance between the appliance and the wall.



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

Fitting the supplied insect protection panels

The insect protection panels protect the refrigeration appliance from small insects getting inside and ensure that the appliance works correctly.

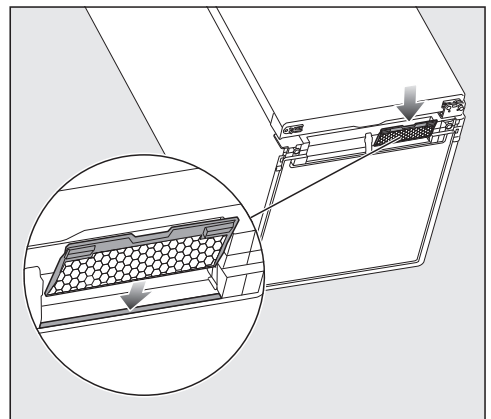
⚠ Risk of injury and damage when fitting insect protection panels.

The refrigeration appliance may fall over when it is tilted. There is therefore an increased risk of injury and damage.

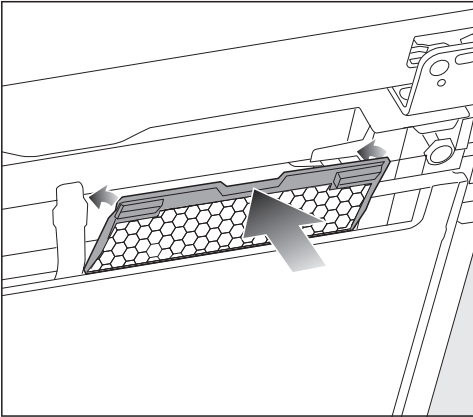
The refrigeration appliance must be tilted and held by 2 people.

Pay attention to the following before fitting the insect protection panels:

- The refrigeration appliance is switched off.
- The refrigeration appliance is empty.
- The refrigeration appliance must be tilted and held by 2 people.
- Work with another person to tilt the refrigeration appliance backwards a little.




- Place the rear edge of the insect protection panel in the rear groove of the recess.




- Then flip the front edge of the panel up until it audibly clicks into place.
- Fit the second insect protection panel in the same way.
- Reposition the refrigeration appliance so that it is standing fully upright.

Installing the refrigeration appliance

 Risk of injury and damage due to the refrigeration appliance tipping over.

There is an increased risk of injury and damage if the refrigeration appliance is installed by a single person.


Two people are required for installing the refrigeration appliance.

 Risk of damage to the appliance door caused by impact.

The appliance door could hit the wall of the room resulting in damage to the door.

Fit the door opening angle limiter supplied before the refrigeration appliance is installed.

Protect the appliance door by fitting a felt stopper, for example, to the wall of the room.

 Risk of damaging the floor.

Moving the refrigeration appliance can cause damage to the floor.

Move the refrigeration appliance carefully on floors that are sensitive to scratching.

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


Tip: The refrigeration appliance must be empty when it is installed.

- Prepare the refrigeration appliance for installation as close as possible to its intended installation site.

Installation

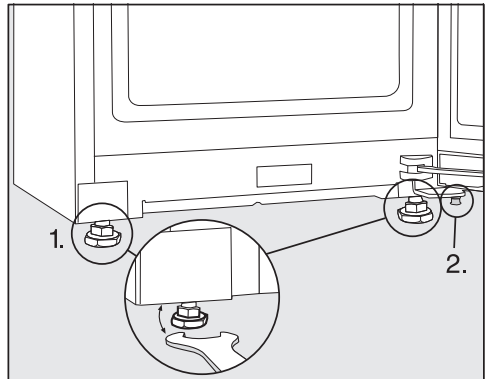
- Connect the refrigeration appliance to the electricity supply as described in “Electrical connection”.
- Move the refrigeration appliance carefully to its intended installation site.
- Position the refrigeration appliance with the wall spacers (if used) or the back close to the wall.

Aligning the refrigeration appliance

 Risk of damage and injury caused by the appliance door falling out or the refrigeration appliance tipping over.

If the additional adjustable foot on the hinge plate at the bottom is not resting firmly on the floor, the appliance door can fall out or the refrigeration appliance can tip over. Use the open spanner supplied with the appliance to unscrew the adjustable foot until it is resting on the floor.

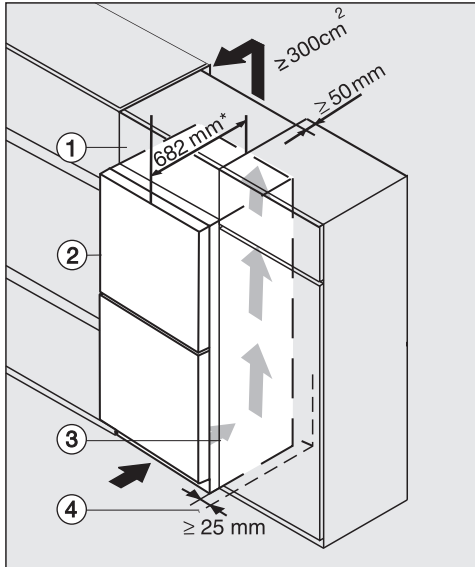
Then unscrew the adjustable foot by a further quarter turn.



- Use the spirit level and the open spanner supplied to align the refrigeration appliance and support the appliance door.
1. Adjust the front adjustable feet.
 2. Unscrew the additional adjustable foot out until it is touching the floor. Then unscrew the adjustable foot by a further quarter turn.

Integrating the refrigeration appliance in a run of kitchen units

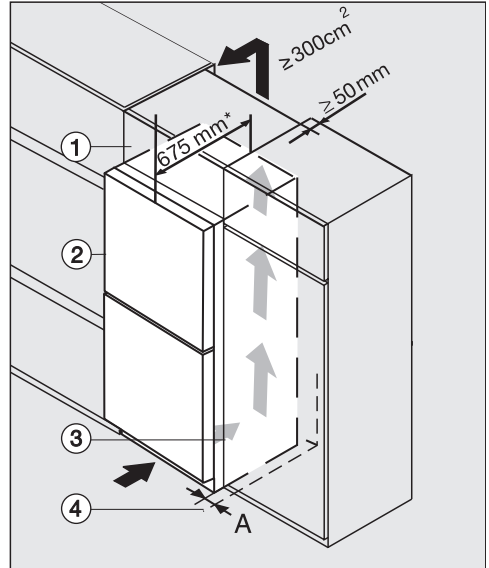
The refrigeration appliance can be surrounded by kitchen units.



Refrigeration appliance with glass front
K(S)/FN(S)/KFN 4xxx X **edst/cs, ws, bst, el**
brws, bs, grgr

- ① Top box
- ② Refrigeration appliance, door depth = 82 mm
- ③ Kitchen unit
- ④ Wall

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



K(S)/FN(S)/KFN 4xxx X **edst/cs, ws, bst, el**

- ① Top box
- ② Refrigeration appliance, door depth = 75 mm
- ③ Kitchen unit
- ④ Wall

A = 25 mm (with recessed grip)/60 mm (with handle)

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

Installation



Risk of fire and damage due to insufficient ventilation.

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

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

It is essential to observe the required ventilation gaps.

The ventilation gaps must not be covered or blocked in any way.

They must also be regularly dusted.

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

■ Install the refrigeration appliance next to the kitchen unit.

- The appliance front must protrude in front of furniture fronts by at least the door depth. This enables the appliance door to be opened and shut without being obstructed.
- When installed next to a wall ④, a distance (A) must be maintained on the hinge side between the wall ④ and the refrigeration appliance ②.
- To match the height of the rest of the kitchen units, the refrigeration appliance can be fitted with a suitable top box ①.

A ventilation duct of at least 50 mm depth must be provided across the whole width of the top box.

The ventilation gap under the ceiling must be at least 300 cm² to ensure that warm air can escape without obstruction.

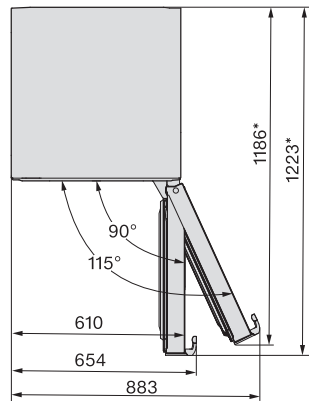
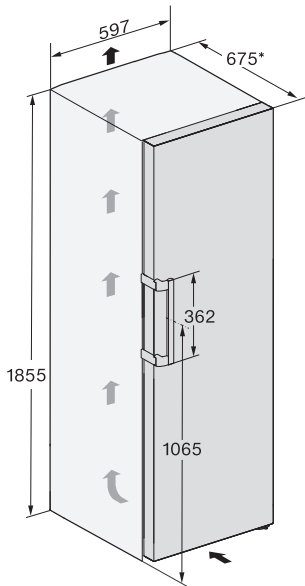
Appliance dimensions

Installation dimensions/View from above

KS 4783 ... edt/cs, KS 4783 ... bst

All dimensions are given in mm.

The refrigeration appliance will function correctly if the specified ventilation cross-sections are kept clear.



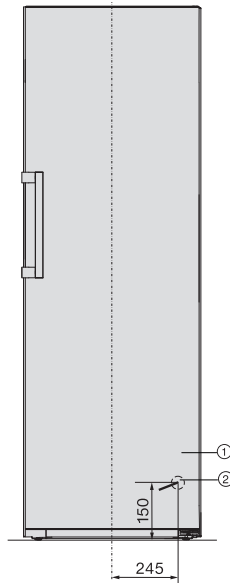
* Dimensions without wall spacers fitted. Appliance depth is increased by 15 mm with the supplied wall spacers fitted.

Installation

Connections

KS 4783 ... edt/cs, KS 4783 ... bst

All dimensions are given in mm.



- ① View from the front
- ② Mains connection cable, length = 2200 mm
A longer mains connection cable is available to order from your Miele dealer.

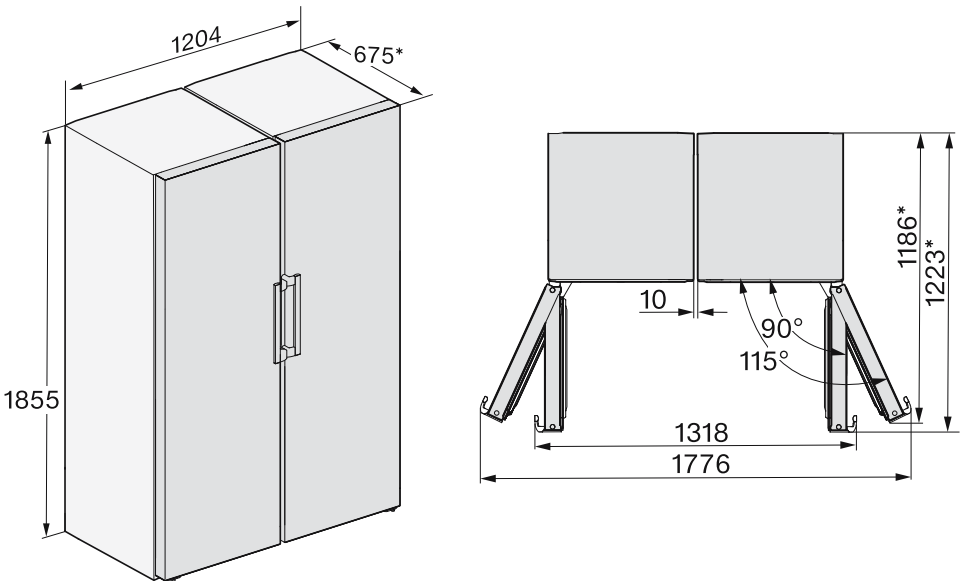
Installation dimensions/View from above

FNS 4782 ... edt/cs + KS 4783 ... edt/cs, FNS 4782 ... bst + KS 4783 ... bst

For more information, see the section “Installation – Side-by-side installation” and the installation instructions supplied with the side-by-side installation kit.

All dimensions are given in mm.

The refrigeration appliances will function correctly if the specified ventilation cross-sections are kept clear.



* Dimensions without wall spacers fitted. Fitting the wall spacers supplied increases the appliance depth by 15 mm.

Installation

Electrical connection

The refrigeration appliance must only be connected to an earthed socket using the mains connection cable supplied.


The socket must be easily accessible after the refrigeration appliance has been installed. If the socket is not easily accessible, ensure that a suitable means of disconnection is provided on the installation side for each pole.

 Risk of fire from overheating.

Connecting the refrigeration appliance to a multi-socket plug adapter or to an extension lead can overload the cable.

For safety reasons, do not use an extension lead or multi-socket adapter.

The electrical installation must comply with VDE 0100 requirements.

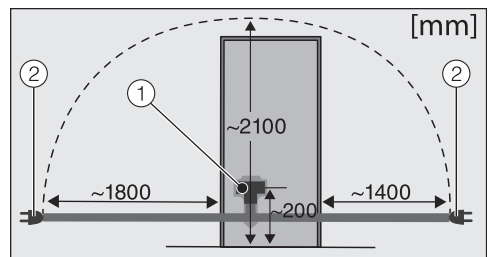
For safety reasons, we recommend using a type  residual current device (RCD) in the assigned electrical installation for connecting the refrigeration appliance.

If the mains connection cable is damaged, it must only be replaced with a specific mains connection cable of the same type (available from your Miele dealer). For safety reasons, such replacement may only be carried out by a qualified specialist or your Miele dealer.

These operating instructions and the data plate indicate the nominal power consumption and the appropriate fuse rating. Compare this information with the data of the on-site electrical connection. If in any doubt, consult a qualified electrician.

Temporary or permanent operation on an autonomous power supply system or a power supply system that is not synchronised with the mains power supply (e.g. island networks, back-up systems) is possible. A prerequisite for operation is that the power supply system complies with the specifications of EN 50160 or an equivalent standard. The function and operation of the protective measures provided in the domestic electrical installation and in this Miele product must also be maintained in isolated operation or in operation that is not synchronised with the mains power supply, or these measures must be replaced by equivalent measures in the installation. As described, for example, in the current version of VDE-AR-E 2510-2.

Connecting the refrigeration appliance



Back of the refrigeration appliance

① Appliance plug connector

② Mains plug

■ Plug the plug connector into the socket.

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

■ Insert the plug of the refrigeration appliance into the socket.

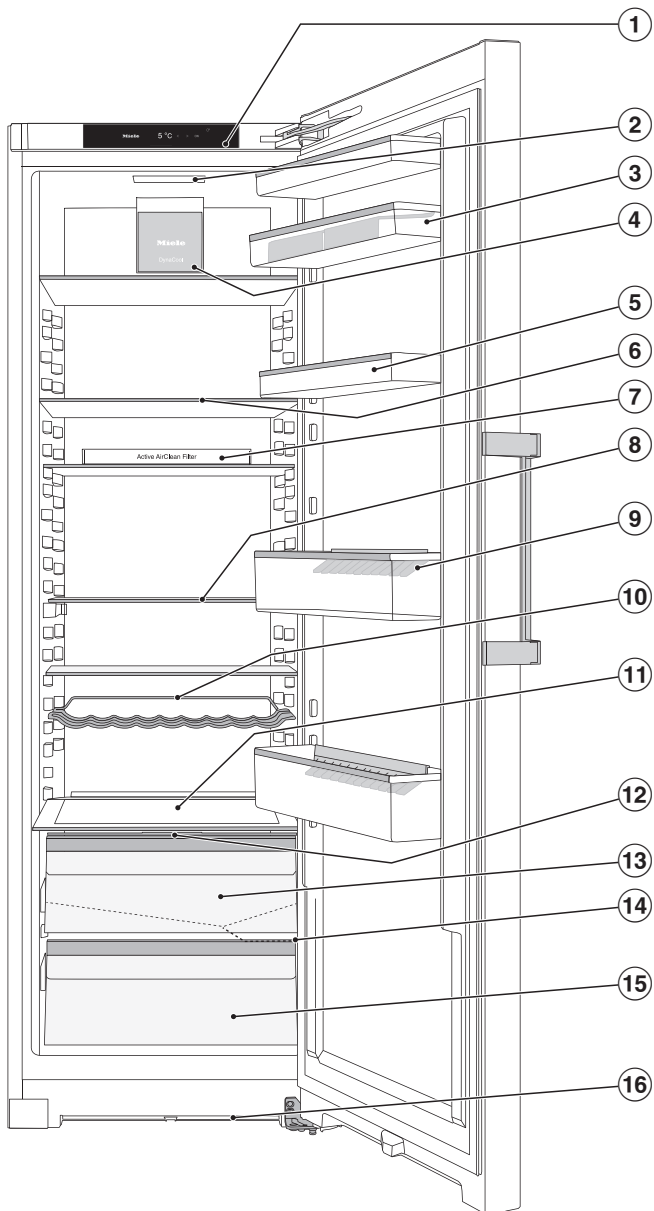
The refrigeration appliance is now connected to the electricity supply.

How to save energy:

- Installation site** The refrigeration appliance has to cool more often at higher ambient temperatures and consumes more energy in the process. Therefore, you should:
- Install the refrigeration appliance in a well-ventilated room.
 - Do not install the refrigeration appliance near to a heat source (heater element, cooker).
 - Protect the refrigeration appliance from direct sunlight.
 - Ensure an ideal ambient temperature of 20 °C.
 - Clean the ventilation gaps on a regular basis to remove any dust.
- Temperature setting** The colder the temperature, the higher the energy consumption. The following settings are recommended:
- 4 to 5 °C in the refrigerator section.
- Use** Energy consumption is increased by heat input and impeded air circulation. Therefore, you should:
- Only open the appliance door(s) when necessary and for as short a time as possible. Arrange the food in such a way that makes it easy to find in the appliance.
 - Always close the appliance door(s) properly after opening them.
 - Allow hot food and drinks to cool down before placing them in the refrigeration appliance.
 - Store food well packaged or covered.
 - Do not overfill the compartments to allow air to circulate.
 - Place frozen food in the fridge zone to defrost.
 - Keep drawers and shelves arranged as they were when the appliance was delivered.
 - Use the wall spacers. The wall spacers on the back of your refrigeration appliance are designed to ensure that the declared energy consumption is achieved.

Guide to the appliance

Appliance overview

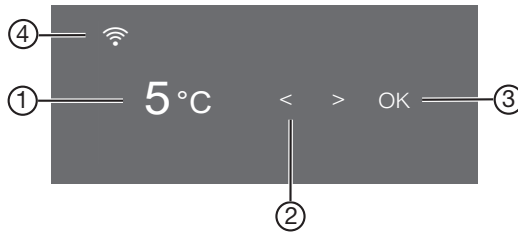


This drawing is for illustration purposes only.

- ① Display
- ② Interior lighting
- ③ Shelf with egg tray in the appliance door
- ④ Fan
- ⑤ Shelves in the appliance door
- ⑥ Adjustable shelf
- ⑦ Split shelf (FlexiBoard)
- ⑧ Bottle shelf with bottle holder
- ⑨ Flexible bottle rack
- ⑩ Space for a baking tray (XL interior)
- ⑪ Compartment lid for setting the humidity level in the DailyFresh drawer
- ⑫ DailyFresh drawer for vegetables (with moisture adjustment)
- ⑬ Condensate channel and drain hole
- ⑭ DailyFresh drawer for fruit
- ⑮ Ventilation gap

Guide to the appliance

Control panel with start display













- ① Temperature display for fridge zone
- ② Sensor controls for selecting a setting
- ③ *OK* sensor control for confirming a selection and entering Settings mode ⚙️
- ④ Display for Miele@home connection status (depending on model) (only visible when the Miele@home function has been set up)

Settings mode ⚙️

In Settings mode, you can select the following appliance functions and alter their settings to some extent:



Symbol	Function	Factory default
	Switch the Party mode function on or off (see “Selecting further settings”)	Off
	Switch the Holiday mode function on or off (see “Selecting further settings”)	Off
	Switching the lock function on or off (see “Selecting further settings”)	(off)
	Switching off the refrigeration appliance	—
	Change the time before the door alarm is triggered (see “Selecting further settings”)	1:00


Guide to the appliance

 (depending on model)	Set up the Miele@home function for the first time, activate and deactivate WiFi or reset the network configuration (see “Selecting further settings”)	APP
	Switch the keypad tone on or off	On
	Change the volume of the alarms and buzzers or switch them off entirely (see “Selecting further settings”)	On /level 5
	Change the display brightness (see “Selecting further settings”)	Level 4
	Change the temperature unit (°Celsius or °Fahrenheit)	°C
	Switch the Demo mode function off (only visible when switched on) (see “Selecting further settings”)	Off
	Reset to default settings (see “Selecting further settings”)	—
	Call up information (model identifier and serial number) about your refrigeration appliance (see “Selecting further settings”)	—
	Switch on the reminder to change the charcoal filter (see “Optional accessories”) (see “Selecting further settings”)	Off
	Switch Cleaning mode on or off (see “Cleaning and care”)	Off

Guide to the appliance

Selecting the desired function in Settings mode



- Touch the *OK* sensor control on the control panel.
 will appear in the display.
- Use the < or > sensor control to scroll to the  symbol.
- Touch *OK*.
- Select the function you want using the < or > sensor control.
- Touch *OK* to select the function you want.

When the function is **switched on**, a dot appears in the upper corner of the display .

- Touch *OK* to deselect a selected function.

When the function is **switched off**, the dot in the upper corner of the display goes out.

Exiting Settings mode

- Use the < or > sensor control to scroll to the  symbol.
- Touch *OK*.
- Use the < or > sensor control to scroll to the  symbol and touch *OK*.
- **Alternatively:**
Wait approx. 15 seconds after the last press of a button.
Settings mode is then exited automatically.

Adjusting the interior fittings

Moving the door shelf/bottle shelf

Only move the door/bottle shelves in the appliance door when they are empty.

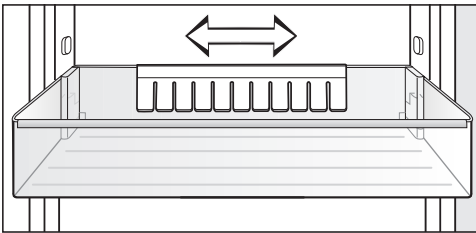
- Push the door/bottle shelves upwards, then remove them by pulling them forwards.
- Replace the door/bottle shelves at the required height.

Clipping the egg trays on

- Clip the egg trays onto the rear edge of the door shelf.

Adjusting or removing the bottle holder

The non-slip fins of the bottle holder make bottles more secure when you open and close the appliance door.



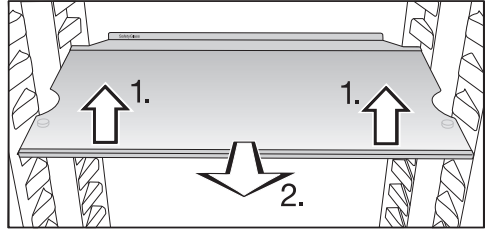
The bottle holder can be moved to the left or right to create more room for drink cartons.

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

- pull the bottle holder up to remove it.

Moving the adjustable shelves

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



- Raise the shelf slightly at the front and pull it forwards a little.
- Lift it until the notches at the side are in line with the shelf supports. The shelf can then be raised or lowered to the required level.
- Push the shelf in.

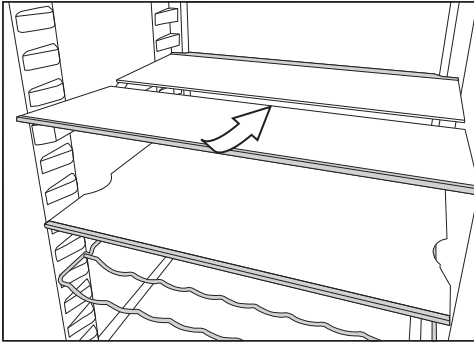
Stoppers prevent the shelves from being dislodged by mistake.

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.

Guide to the appliance

Moving the split shelf

To accommodate tall items such as bottles or large containers, the front section of the split shelf slides underneath the rear section.

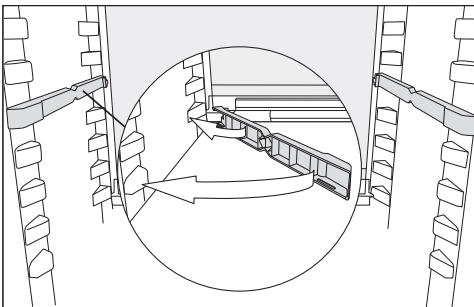


- Lift up the front section of the glass shelf slightly at the front and slide it carefully underneath the rear section.

Moving a split shelf

The split shelf can be moved to a different location inside the appliance.

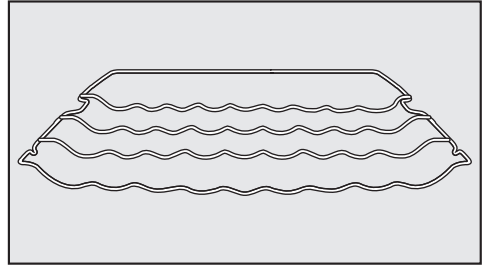
- Take both sections of the glass shelf out of the appliance.



- Attach the two adapters to the support ribs on the left and right at the desired height.

The section of the glass shelf with the raised edge must be fitted at the back.

Moving the bottle rack



The bottle rack can be placed at different positions in the refrigeration appliance.

- Raise the bottle rack slightly at the front, and pull it forwards a little until the notch at the side is in line with the shelf support. It can then be raised or lowered to the required level.

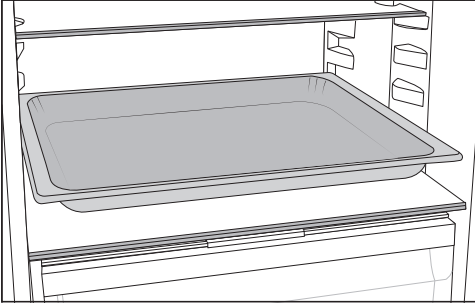
The rear rail must face upwards to prevent bottles from touching the back of the appliance.

Stoppers prevent the bottle rack from being dislodged by mistake.

Space for a baking tray

A baking tray can be placed above the drawers. The baking tray can be no more than 466 mm wide, 386 mm deep and 50 mm high.

- Open the appliance door as far as it will go.



- Place the baking tray on the dividing plate.

Tip: Let the baking tray cool down to room temperature before putting it in the refrigerator section.

Moving the charcoal filters

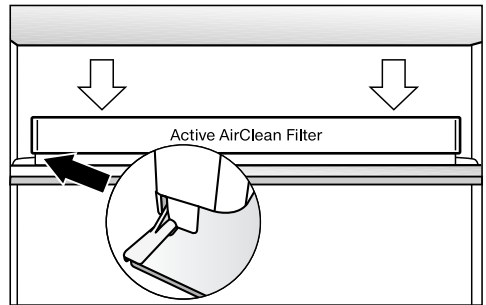
KKF-FF charcoal filters with holder (Active AirClean) are available as optional accessories (see “Optional accessories”).

When storing very strong smelling food (e.g. very ripe cheese):

- Place the holder with the charcoal filters on the shelf where this food is kept.
- Change the charcoal filters sooner if necessary.
- Use more charcoal filters (with holders) in the refrigeration appliance.

The holder for the charcoal filters sits on the protective strip at the back of the shelf.

- To move the charcoal filter, pull the holder upwards to remove it from the protective strip.



- Refit the holder on the protective strip of the shelf you wish to use it on.

Guide to the appliance

Accessories supplied

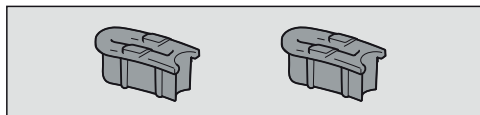
Flexible bottle rack

Egg tray

Bottle holder

Door opening limiter

depending on model



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

Carry out installation as described in the installation instructions supplied with the appliance.

Optional accessories

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

Multi-purpose microfibre cloth

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

MicroCloth Kit

The MicroCloth Kit contains a universal cloth, a glass cloth and a polishing cloth. These cloths are extremely resistant to tearing and very robust. Thanks to very fine microfibres these cloths achieve an excellent cleaning performance.

MicroCloth HyClean

The MicroCloth HyClean is a multi-purpose antibacterial cloth and is particularly tear resistant and durable. It can be used wet or dry, with or without cleaning agent.

KKF-FF charcoal filter with holder (Active AirClean)

Charcoal filters neutralise unpleasant odours in the fridge zone for improved air quality.

KKF-RF replacement charcoal filters (Active AirClean)

Replacement filters to fit the holder are available. We recommend replacing the charcoal filters every 6 months.

Bottle rack

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

Organisation box

The organisation box makes it easier to sort the food in the fridge zone drawer in a clear manner.

Depending on the model, you may need to remove the entire drawer to insert and remove the organisation box.


Accessories are available to order from your Miele dealer.

Before using for the first time

- Remove all packaging material and protective film.
- Clean the inside of the appliance and the accessories (see “Cleaning and care”).

Connecting the refrigeration appliance

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

Miele will then appear on the appliance display, followed by .

Switching the refrigeration appliance on

- Open the appliance door.
- Touch the *OK* sensor control on the control panel.

The refrigeration appliance will start to cool and the interior lighting will come on when the appliance door is opened.

The refrigeration appliance adjusts to the preset temperature.



To enable the temperature to get sufficiently cold inside the refrigeration appliance, allow the appliance to run for a few hours before placing food in it. Do not place food in the refrigeration appliance until it has reached the preset temperature.

Switching off the refrigeration appliance


- Touch the *OK* sensor control on the control panel.

 will appear in the display.

- Touch *OK*.

- Use the  sensor control to scroll to the  symbol.

- Touch *OK*.

 will appear in the display.

The cooling and interior lighting are switched off.

Please note: The refrigeration appliance is not disconnected from the power supply when it is switched off.

Switching off for longer periods of time

If, during a long absence, the refrigeration appliance is switched off but not cleaned and the door is left shut, there is a danger of mould building up inside the appliance. It is essential to clean the refrigeration appliance before a long period of absence.

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

- Switch the refrigeration appliance off.
- Switch off at the wall and disconnect the plug from the socket, or disconnect the fuse.
- Clean the refrigeration appliance and leave the door ajar to air the appliance and avoid odours building up inside.

The correct temperature

It is very important to set the correct temperature to ensure the shelf life of food. Reducing the temperature reduces the growth rate of microorganisms. Food does not spoil as quickly.

The temperature in the refrigeration appliance will rise:

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

... in the refrigerator section

We recommend a temperature of **4 °C** in the refrigerator section.

Temperature display

In normal operation, the temperature display shows the **current average refrigerator section temperature** inside the refrigeration appliance.

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

Setting the temperature

- Touch the *OK* sensor control on the control panel.

🌡️ will appear in the display.

- Touch *OK*.

- Use the < and > sensor controls to change the temperature.
- Touch *OK*.

The temperature display changes back to the actual temperature that is currently in the refrigeration appliance.

Possible temperature settings

- Refrigerator section: 2 to 9 °C

If you change the temperature setting:

- check the temperature display after a few hours. It will take this long for the appliance to give an accurate reading.
- Wait for approx. 6 hours if the refrigeration appliance is not very full
- Wait for approx. 24 hours if the refrigeration appliance is full

If, after this time, the temperature is still too high or too low:

- Adjust the temperature again.

SuperCool ❄️

When switched on, the SuperCool function ❄️ can be used to rapidly reduce the temperature in the **fridge zone** to its lowest setting (depending on the ambient temperature). The refrigeration appliance will work at full power and lower the temperature. Select this function for the rapid chilling of large amounts of fresh food or drink.

When the SuperCool function ❄️ is switched on, the appliance may make more noise than usual.

The SuperCool function ❄️ should be switched on immediately before placing food or drinks in the fridge zone.

The SuperCool function ❄️ will switch itself off automatically after approx. 12 hours. The refrigeration appliance will then run at normal power again.

Tip: To save energy, you can switch the SuperCool function ❄️ off yourself once food and drinks are sufficiently chilled.

Switching SuperCool ❄️ on and off

■ Touch the *OK* sensor control on the control panel.

🌡️ will appear in the display.

■ Touch *OK*.

■ Use the < sensor control to scroll to the ❄️ symbol.


■ Touch *OK*.

When the SuperCool function ❄️ is **switched on**, a dot appears in the upper corner of the display •.

■ Use the > sensor control to scroll to the temperature you want and touch *OK*.

Using Super cool and DynaCool



DynaCool

When the DynaCool function  is not switched on, the natural circulation of air in the appliance will cause different temperature zones in the fridge zone, as the cold, heavy air will sink to the lowest section of the appliance. You should bear this in mind when placing food in the appliance (see “Storing food in the refrigerator section”). However, if you are storing a large amount of similar food in the refrigerator at any one time, e.g. after your weekly shop, it is a good idea to turn on DynaCool. This way you can distribute the temperature on all the adjustable shelves inside the appliance more evenly so that all the food in the fridge zone will be chilled to about the same degree. The temperature is set as normal with the temperature control.

Also switch on the DynaCool function  when:



- The ambient temperature is high (above approx. 35 °C)
- The humidity levels are high (e.g. in the summer)



The fan will always switch on automatically when the compressor switches on.

Tip: As the energy consumption increases when DynaCool  is switched on, you should turn the DynaCool function  off again under normal conditions.

To save energy, the fan switches off automatically whilst the door is open.

Switching DynaCool on and off

- Touch the *OK* sensor control on the control panel.
-  will appear in the display.
- Touch *OK*.
- Use the < sensor control to scroll to the  symbol.
- Touch *OK*.


When the DynaCool function  is **switched on**, a dot appears in the upper corner of the display .

- Use the > sensor controls to scroll to the temperature you want and touch *OK*.


Selecting further settings





Explanation of the different settings



Only the settings that require further explanation are described below.



The door alarm and other warnings are automatically suppressed when you are in Settings mode .

Party mode


The Party mode function  is particularly recommended for the rapid chilling of large amounts of fresh food or drink.


Tip: Switch on the Party mode function  approx. 4 hours before placing food and drinks in the appliance. When Party mode  is switched on, the DynaCool  and SuperCool  functions are switched on automatically.

Party mode  cannot be switched on if Holiday mode  is switched on.

The Party mode function  will switch itself off automatically after approx. 24 hours. However, you can switch the Party mode function  off early at any time.

Holiday mode


The Holiday mode function  is useful when you go on holiday, for example, if you do not wish to switch off the fridge zone completely or do not need a high degree of cooling.

The start display shows when Holiday mode  is switched on.


The fridge zone is regulated to a temperature of 15 °C. The fridge zone remains in operation whilst also saving energy.

Food which does not go off quickly can be stored in the refrigeration appliance for some time at this moderate refrigerator temperature. Energy consumption is lower than in normal operation.

This also prevents the build-up of odours and mould which can occur if the fridge zone is switched off and the appliance door is closed.


 Health risk caused by decomposing food.



The usability and quality of food in the fridge zone may deteriorate if the temperature remains above 4 °C for an extended period.



Only ever switch on the Holiday mode function  for a limited period.


Do not store any temperature-sensitive food which goes off easily, such as fruit, vegetables, fish, meat and dairy products, during this time.

Switching on the lock function /

When the lock function  is switched on, it protects the refrigeration appliance from being switched off inadvertently and against unintentional adjustments by unauthorised persons such as children.

- In Settings mode , use the < or > sensor control to scroll to the  symbol.
- Touch OK.

When the lock function  is switched on, a dot appears in the upper corner of the display .


- Close the appliance door. The lock function  is only activated now.

Selecting further settings


Briefly deactivating the lock function /

If, for example, you want to adjust the temperature, you can briefly deactivate the lock function:


- Touch *OK*.

 will appear in the display.

- Touch the *OK* sensor control for approx. 6 seconds.

 will appear in the display.

- Touch *OK*.
- Now select the required settings.
- Touch *OK*.


Closing the appliance door will reactivate the lock function .



Switching off the lock function /


- Touch *OK*.

 will appear in the display.

- Touch the *OK* sensor control for approx. 6 seconds.



 will appear in the display.

- Use the < or > sensor control to scroll to the  symbol.
- Touch *OK*.
- Use the < or > sensor control to scroll to the  symbol.
- Touch *OK*.

When the lock function is switched off,  appears in the display.

Changing the time before the door alarm is triggered

You can set how quickly the door alarm sounds after the appliance door is opened.

- In Settings mode , use the < or > sensor control to scroll to the  symbol.
- Touch *OK*.
- Use the < and > sensor controls to set the time you want between 30 seconds and 3 minutes: 30 seconds.
- Touch *OK*.

Miele@home

Your refrigeration appliance is equipped with an integrated WiFi module.

Networking is deactivated at the factory.

To use this feature, you will need:

- A WiFi network
- The Miele app
- A Miele user account You can create a user account via the Miele app.

The Miele app will guide you as you connect your refrigeration appliance to your home WiFi network.

Once the refrigeration appliance is connected to your WiFi network, you can use the app to carry out the following activities, for example:

- Call up information on the operating status of your refrigeration appliance
- Change the settings on your refrigeration appliance

Connecting your refrigeration appliance to your WiFi network will increase energy consumption, even when the appliance is switched off.

Selecting further settings

Make sure that the signal of your WiFi network is sufficiently strong in the place where you want to set up your refrigeration appliance.

Availability of the WiFi connection

The WiFi connection shares a frequency range with other appliances (including microwave ovens and remote control toys). This can give rise to sporadic or even complete connection failures. Therefore, the availability of featured functions cannot be guaranteed.

Miele@home availability

The ability to use the Miele app depends on the availability of the Miele@home service in your country.

The Miele@home service is not available in every country.

For information about availability, please visit www.miele.com.


Miele App


The Miele App is available to download free of charge from the Apple App Store® or from the Google Play Store™.




Selecting further settings

Setting up Miele@home for the first time


- In Settings mode , use the < or > sensor control to scroll to the @ symbol.
- Touch *OK*.
- Use the < and > sensor controls to select the connection method you wish to use (app or WPS).
- Touch *OK*.


After you have successfully logged in,  will appear on the start display.

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



Start the process again.


Deactivating or activating the WiFi connection

- In Settings mode , use the < or > sensor control to scroll to the @ symbol.
- Touch *OK*.



If the WiFi is deactivated, the  symbol will appear in the display.

- To reactivate the WiFi connection, touch *OK*.


If the WiFi is activated, the  symbol and a dot appear in the upper corner of the display .

When the WiFi connection is active, the  symbol appears in the start display.

Resetting the network configuration

- In Settings mode , use the < or > sensor control to scroll to the @ symbol.
- Touch *OK*.
- Use the > sensor control to scroll to the  symbol.
- Touch *OK*.
- Use the > sensor control to scroll to the X symbol.
- Touch *OK*.



All entered settings and values for Miele@home are reset to the default settings.


The WiFi connection has been deactivated,  goes out in the start display.

Reset the network configuration if you are disposing of or selling your refrigeration appliance, or if you are putting a used refrigeration appliance into operation. All personal data is removed from the refrigeration appliance. This will also ensure that a previous owner is no longer able to access the refrigeration appliance.

Adjusting the volume of alarms and buzzers /



You can adjust the volume of alarms and buzzers (e.g. in the event of a door alarm or fault message). You can also switch off the alarms and buzzers if they disturb you.

- In Settings mode , use the < or > sensor control to scroll to the  symbol.
- Touch *OK*.
- Use the < and > sensor controls to select the volume you want for alarms and buzzers.
- Touch *OK*.


 appears in the display when the alarms and buzzers are switched off.


Adjusting the display brightness



You can adjust the display brightness to suit the lighting conditions in the room.


- In Settings mode , use the < or > sensor control to scroll to the  symbol.
- Touch *OK*.
- Use the < and > sensor controls to select the display brightness you want.
- Touch *OK*.

Switching off demo mode

Demo mode  allows the refrigeration appliance to be presented by dealers without the cooling system being switched on. This setting is not needed for domestic use.




If demo mode has been switched on as a default setting,  will show on the display when the refrigeration appliance is switched on.

- Touch the *OK* sensor control on the control panel.
- Miele will appear initially in the display, followed by the start screen.
- Touch *OK*.
- In Settings mode , use the < or > sensor control to scroll to the  symbol.
- Touch *OK*.

After demo mode  has been switched off, the refrigeration appliance switches off and must be switched on again.

Resetting the settings to their default settings

All settings made on the refrigeration appliance will be reset to default settings (for settings, see “Guide to the appliance”).

- In Settings mode , use the < or > sensor control to scroll to the  symbol.
- Touch *OK*.
- Use the > sensor control to scroll to the  symbol.
- Touch *OK*.

The refrigeration appliance switches off and must be switched on again.

Selecting further settings



Information


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

Keep this appliance data to hand:


- For integrating the refrigeration appliance into your WiFi network (see “Selecting further settings – Miele@home”).
- When reporting an appliance fault to your Miele dealer (see “Service”).


Charcoal filter change indicator



After inserting the charcoal filter (optional accessory), you must activate the charcoal filter change indicator  in Settings mode .

The charcoal filter change indicator  on the start display will remind you to replace the charcoal filter approx. every 6 months (see “Cleaning and care – Replacing the charcoal filters”).


Cleaning mode

Cleaning mode  makes it easier to clean the fridge zone (see “Cleaning and care”). The interior lighting remains switched on, even though the fridge zone is switched off. The buzzer will stop and the symbols on the display will also go out.


If Cleaning mode  is switched on, this will be indicated on the start display.

After cleaning, Cleaning mode  must be switched off. If the appliance door is closed for more than 10 minutes, Cleaning mode  switches itself off automatically.

The refrigeration appliance is fitted with a door alarm to avoid increased energy consumption and food becoming warm if the door is left open.

If the appliance door is left open for a longer period of time,  will appear in the temperature display. An alarm will also sound.


The time before the door alarm is triggered can be changed. However, the door alarm can also be turned off (see “Selecting further settings”).

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

Switching the door alarm off early


If the alarm disturbs you, it can be turned off early.


- Touch *OK*.

The alarm will stop and the  symbol will go out.

If the appliance door is not closed, the alarm repeats after 3 minutes.

Storing food in the fridge zone

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

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

If there is insufficient air circulation, the cooling performance will decrease and energy consumption will increase. To allow air to circulate efficiently, do not pack food too closely together in the appliance. Do not cover the fan in the rear wall of the appliance.

Different storage zones

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

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

This refrigeration appliance has dynamic cooling, which helps to keep an even temperature when the fan is running. The difference between the various temperature zones is therefore less pronounced.

Warmest area

The warmest area in the refrigerator section is at the top in the front area and in the door. Use this for storing butter and cheese.

Coldest area

The coldest area in the fridge zone is directly above the DailyFresh drawer and at the back of the appliance.

A temperature setting of 4 °C combined with appropriate hygiene measures delays the propagation of bacteria, e.g. salmonella and listeria, which can lead to serious food poisoning.

Therefore, you should use these areas to store all delicate and highly perishable food, including:

- Fish, meat, poultry
- Cold cuts, ready meals
- Dishes or baked goods containing eggs or cream
- Fresh dough, cake mixtures, pizza or quiche dough
- Raw milk cheese and other raw milk products
- Hummus, vegetable spreads, plant-based cream cheese substitutes
- Pre-packed vegetables

Storing food in the fridge zone

- Other fresh food (with a label stating it should be kept at a temperature of approx. 4 °C)

Tip: Store food in such a way that it does not touch the rear wall of the fridge zone. Otherwise it could freeze to the rear wall.

Food which is not suitable for storage in the refrigerator section

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

Food which is sensitive to cold includes:

- Pineapples, avocados, bananas, pomegranates, mangoes, melons, papayas, passionfruit, citrus fruit such as lemons, oranges, mandarins, grapefruit
- Fruit (which is not yet ripe)
- Aubergines, cucumbers, potatoes, peppers, tomatoes, courgettes
- Hard cheeses (e.g. Parmesan, mountain cheese)

Notes on buying food

The freshness of the food when it is first placed in the appliance is the most important factor for how long it stays fresh.

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

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

Storing food correctly

Ensure that food stored in the fridge zone is in packaging or covered properly (some exceptions apply in the DailyFresh drawer).

This will prevent food odours from affecting other food, stop food from drying out and also prevent any cross-contamination of bacteria. This is particularly important when storing meat products. Make sure that food such as raw meat and fish in particular does not come into contact with other food.

By ensuring that the temperature settings are correct and by taking appropriate hygiene measures, you can prolong the storage life of your food considerably. This prevents food waste.

Protein-rich food

Please note that food rich in protein deteriorates faster than other types of food. Shellfish, for example, deteriorates faster than fish, and fish deteriorates faster than meat.

Storing food in the DailyFresh drawer

The DailyFresh drawer provides good storage conditions for fruit and vegetables.

The humidity level in the DailyFresh drawer can also be regulated to suit the food being stored. Food retains its own moisture if stored at a higher humidity and so does not dry out as quickly. The temperature is approximately equivalent to the temperature in the fridge zone.

Remember that the fresher the food when placed in the appliance, the longer it will stay fresh.

Adjusting the humidity level in the DailyFresh drawer for fruit and vegetables

The moisture level greatly depends on the type and quantity of food being stored, if stored unwrapped. If the quantity of food being stored in this compartment is small, the humidity level may be too low.

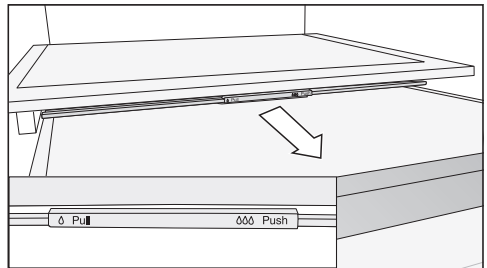
Tip: If you are only storing a small amount of food, wrap it in airtight packaging.

Selecting low humidity Δ

The appliance is delivered with increased humidity and the compartment cover pushed backwards $\Delta\Delta\Delta$.

Only change this position if the DailyFresh drawer is excessively humid:

- Open the DailyFresh drawer.

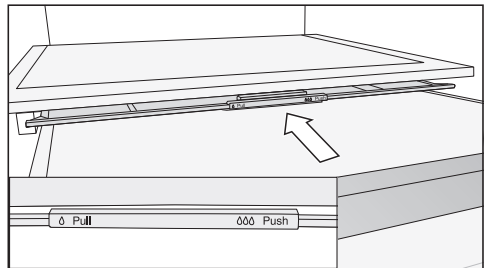


- Pull the compartment cover forwards as far as it will go.

The compartment cover is open and the humidity drops Δ .

Selecting increased humidity $\Delta\Delta\Delta$

- Open the DailyFresh drawer.



- Slide the compartment cover backwards as far as it will go.

The compartment cover is closed and the humidity remains in the compartment $\Delta\Delta\Delta$.

Storing food in the DailyFresh drawer

Observe the following tips if you find that food you have stored does not keep well (e.g. food becomes limp or wilts after only being stored for a short time):

- Only place fresh food in the appliance. The initial condition of the food is crucial to maintaining freshness.
- Clean the DailyFresh drawer before storing food in it.
- Very wet food should be dried off before storing it.
- Do not store food which is sensitive to cold in the DailyFresh drawer (see “Storing food in the fridge zone – Food which is not suitable for storage in the fridge zone”).
- Set the compartment cover to the correct position for the food being stored (humidity not increased δ or humidity increased $\delta\delta\delta$).
- An increased humidity level $\delta\delta\delta$ in the humidity-controlled compartment is achieved with the moisture present in the food being stored if it is stored unwrapped. The more food stored in the compartment, the higher the humidity.
- If too much moisture collects in the compartment at the $\delta\delta\delta$ setting and the food is affected, dry the floor and place a rack or similar item in the compartment so that excess moisture can drip down. Alternatively, reduce the humidity δ by pulling the compartment cover forwards.
- If the humidity level is too low despite the $\delta\delta\delta$ setting, wrap the food in airtight packaging.

Defrosting

Fridge zone and DailyFresh drawer

The fridge zone and the DailyFresh drawer defrost automatically.


Condensate and frost can build up on the back wall of the fridge zone whilst the compressor is running. You do not need to remove this.

The condensate drains through a condensate channel and condensate drain hole into the evaporation system at the back of the refrigeration appliance. The warmth generated by the compressor causes the condensate to evaporate automatically.

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

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

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

 Risk of damage due to moisture ingress.

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

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

Cleaning water must not get into the drain hole.

Cleaning agents

Cleaning and conditioning agents used in the interior cabinet of the refrigeration appliance must be food safe.


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



- Cleaning agents containing soda, ammonia, acids or chlorides
- Cleaning agents containing descaling agents
- Abrasive cleaning agents (e.g. scouring powder, scouring liquid or pumice stones)
- Cleaning agents containing solvents
- Stainless steel cleaners
- Dishwasher cleaners
- Oven sprays
- Cleaning agents for ceramic hobs (except to clean the glass front)
- Glass-cleaning agents (except to clean the glass front: for this a glass-cleaning agent containing a little alcohol, but no citric or similar additives, may be used)
- Hard, abrasive sponges and brushes (e.g. pot scourers)
- Eraser stain remover blocks
- Sharp metal scrapers

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



Cleaning and care


Preparing the refrigeration appliance for cleaning

Tip: Switch Cleaning mode  on. The cooling system in the fridge zone is switched off, but the interior lighting remains switched on.

■ In Settings mode , use the < or > sensor control to scroll to the  symbol.

■ Touch *OK*.

When Cleaning mode  is switched on, a dot appears in the upper corner of the display .

The start display shows when Cleaning mode  is switched on.

The cooling system in the fridge zone is switched off, but the interior lighting remains switched on.

- Take any food out of the refrigeration appliance and store it in a cool place.
- Remove any accessories that can be removed for cleaning (see “Removing, dismantling and cleaning the accessories”).

Cleaning the inside of the appliance

The refrigeration appliance should be cleaned regularly (at least once a month).

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

It is therefore best to remove any soiling immediately.


- Clean the **interior** with a clean sponge, lukewarm water and a little washing-up liquid.
- After cleaning, wipe with clean water and dry with a soft cloth.
- Clean the condensate channel and drain hole frequently using a cotton swab or similar item to ensure that condensate can drain away freely.
- Leave the door open to air the refrigeration appliance sufficiently for a short while and to prevent odour build-up.

Cleaning accessories by hand or in the dishwasher

The following components must be cleaned **by hand** only:

- The stainless steel trim
- Protective strips at the back of the adjustable shelves
- Adjustable shelf with printing
- All drawers and compartment lids (these vary depending on model)
- Flexible bottle rack
- Organisation box (available as an optional accessory)

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

 Risk of damage due to high dishwasher temperatures. Parts of the refrigeration appliance may become unusable, e.g. deform, if they are washed in the dishwasher at more than 55 °C. For dishwasher-safe components, always select dishwasher programmes with a maximum temperature of 55 °C.

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

- Bottle holder, egg tray
- The door and bottle shelves in the appliance door (without stainless steel trim)
- Adapters for the split shelf
- Adjustable shelves (without the trim or printing)

- The holder for the charcoal filter (available as an optional accessory)

Removing and dismantling accessories for cleaning

Dismantling the door shelf/bottle shelf

Remove the stainless steel trim before cleaning the door shelf/bottle shelf in the dishwasher.

To remove the stainless steel trim, proceed as follows:

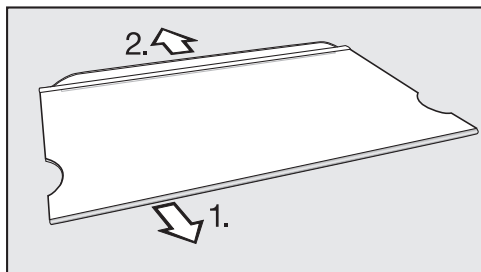
- Place the door shelf/bottle shelf on the worktop.
- Pull the trim off the shelf beginning at one side.
- After cleaning the door shelf/bottle shelf, reattach the trim.

Cleaning and care

Dismantling an adjustable shelf

Remove the trim and the rear protective strip before cleaning the shelf. Proceed as follows:

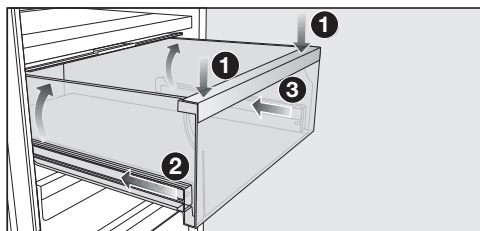
- Place the shelf on a worktop covered with a soft material (e.g. a tea towel).



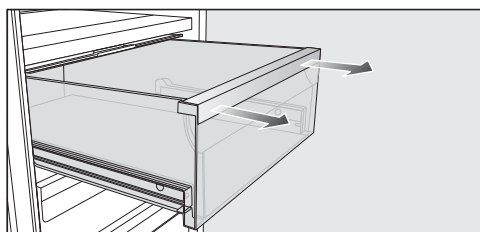
- Pull the trim off the shelf, beginning at one side.
- Then pull the protective strip off.
- After cleaning the shelf, reattach the trim and the protective strip.

Removing the drawers from the fridge zone

- Pull the drawer halfway out.



- Push the drawer down **1** at the front until it lifts up at the back. Keep pushing the drawer down.
- Now carefully insert the left **2** and then the right **3** rail by approx. 2 cm.



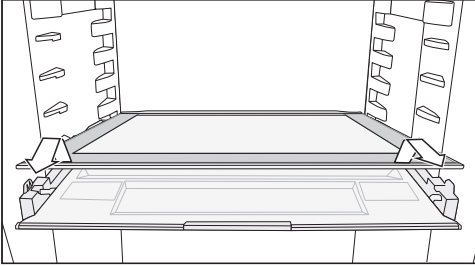
- Using both hands, pull the drawer firmly forwards.

Push the telescopic rails back in again to avoid damaging them.

Fitting the drawers

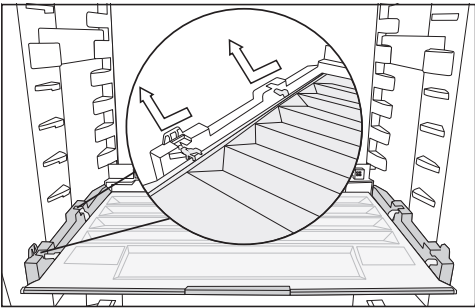
- Place the drawer on the fully retracted rails.
- Push the drawer into the refrigeration appliance until it clicks into position.

Removing the dividing plate



- Remove the dividing plate.
- After cleaning, slide the dividing plate back in again.


Removing the compartment cover



- Lift the cover at the front and pull it out.
- After cleaning, slide the compartment cover back in again.

Replacing the charcoal filters (optional accessory)

Replace the charcoal filters in the holder every 6 months.

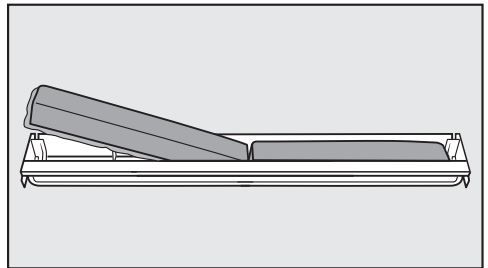
The  symbol in the start display reminds you to replace the charcoal filter.

Replacement KKF-RF charcoal filters can be obtained from the Miele Customer Service Department, from your dealer or from Miele's website.

- Pull the charcoal filter holder upwards to remove it from the adjustable shelf.

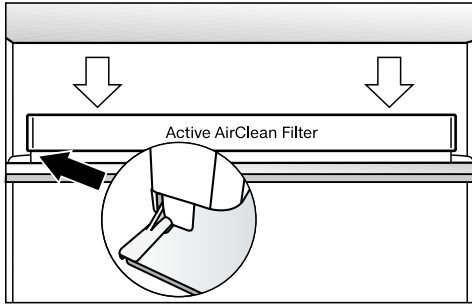
When in position, the charcoal filters must not touch the rear wall of the refrigeration appliance as the moisture could cause them to stick to it.

Insert the new charcoal filters deep enough in the holder to ensure that they do not protrude over the edge of the holder.



- Remove both charcoal filters and place the new filters with the surrounding edge pointing downwards in the holder.

Cleaning and care



- Place the holder in the middle of the rear protective strip of any adjustable shelf, so that it clicks into position.
- Touch the *OK* sensor control to confirm that the filters have been replaced.

The “Replace charcoal filter” reminder will go out on the display and the counter will be reset.

The 🌐 symbol will go out on the start display.

Cleaning the front of the appliance and the side panels

If soiling is left on for any length of time, it may become impossible to remove. Surfaces may suffer discolouration or damage. Therefore, it is best to remove soiling from the appliance front and side panels immediately.

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

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


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

CleanSteel (edt/cs) – appliance front

⚠ Risk of damage as a result of incorrect cleaning. The surface coating will be damaged. **Do not use a stainless steel cleaner** on this surface.

The appliance front has a high quality, special finish. This finish is resistant to soiling and is very easy to clean.

Cleaning the door seal

 Risk of damage as a result of incorrect cleaning.

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

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

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


Cleaning the ventilation gaps

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


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


After cleaning

- Touch the *OK* sensor control on the control panel.


 will appear in the display.

- Touch *OK*.

When Cleaning mode  is switched off, the dot in the upper corner of the display goes out.

- Use the < and > sensor controls to scroll to the  symbol and touch *OK*.

The refrigeration appliance will start cooling again.



- Replace all shelves and accessories in the refrigeration appliance.
- Switch on the SuperCool function  for a while so that the temperature inside the refrigeration appliance will drop quickly.
- Place food in the refrigeration appliance as soon as it reaches the required coldness.
- Close the appliance door(s).

Problem solving guide

Many malfunctions and faults that can occur in daily operation can be easily remedied. You can save time and money in many cases, as you do not need to call your Miele dealer.

The following tables are designed to help you to find the cause of a malfunction or a fault and to resolve it.

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

Issue	Cause and remedy
<p>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.</p>	<p>The appliance is not switched on and the mains connection symbol  is lit up in the display.</p> <ul style="list-style-type: none"> ■ Switch the appliance on.
	<p>The plug is not inserted in the socket correctly.</p> <ul style="list-style-type: none"> ■ Insert the plug correctly into the socket. The mains connection symbol  appears in the display when the appliance is switched off.
	<p>Check whether the mains fuse has tripped. There could be a fault with the appliance, the household electrical wiring or another electrical appliance.</p> <ul style="list-style-type: none"> ■ Contact your Miele dealer.
<p>The compressor runs continuously.</p>	<p>This is not a fault. To save energy, the compressor runs at a lower speed, but for longer, when less cooling is required.</p>
<p>The compressor is switching on more frequently and for longer periods of time. The temperature in the refrigeration appliance is too low.</p>	<p>The ventilation gaps have been covered or become too dusty.</p> <ul style="list-style-type: none"> ■ Do not block the ventilation gaps. ■ Dust the ventilation gaps regularly.
	<p>The appliance door has been opened too frequently. A large amount of fresh food has been placed in the appliance.</p> <ul style="list-style-type: none"> ■ Only open the appliance door when necessary and for as short a time as possible. <p>After a while, the temperature will return to normal by itself.</p>
	<p>The appliance door is not properly closed.</p> <ul style="list-style-type: none"> ■ Close the appliance door.

Problem solving guide

Issue	Cause and remedy
	<p>After a while, the temperature will return to normal by itself.</p> <p>The ambient temperature is too high. The higher the ambient temperature, the longer the compressor runs. ■ See the information in “Installation – Installation site”.</p> <p>The refrigeration appliance was not properly installed in the niche. ■ Install the refrigeration appliance in the niche as described in the installation instructions supplied with it.</p> <p>The temperature setting in the refrigeration appliance is too low. ■ Correct the temperature setting.</p> <p>The SuperCool function ❄️ is still switched on. ■ Switch off the SuperCool function ❄️ earlier to save energy.</p>
<p>The compressor comes on less and less often and for shorter periods of time.</p>	<p>This is not a fault. The temperature is too high. ■ Adjust the temperature. ■ Check the temperature again after 24 hours.</p>
<p>Ice or condensation has built up inside the refrigeration appliance. The appliance door may not close correctly.</p>	<p>The door seal has come out of its groove. ■ Check that the door seal is correctly positioned in the groove.</p> <p>The door seal is damaged. ■ Check whether the door seal is damaged.</p>
<p>The door seal is damaged and needs to be replaced.</p>	<p>No tools are required to change the door seal. ■ Change the door seal. A replacement is available from your Miele dealer.</p>

Problem solving guide













Other problems

Issue	Cause and remedy
The floor of the refrigerator section is wet.	The condensate drain hole is blocked. ■ Clean the condensate channel and drain hole.
There is no audible alarm even though the door has been open for a long time.	This is not a fault. The alarm has been switched off in Settings mode. If you want to switch the audible alarm back on again: ■ Tap <i>OK</i> . 🔊 will appear in the display. ■ Use the < or > sensor control to scroll to the ⚙️ symbol. ■ Tap <i>OK</i> . ■ Use the < or > sensor control to scroll to the 🔊 symbol. ■ Tap <i>OK</i> . ■ Use the < and > sensor controls to select the volume you want for alarms and buzzers. ■ Tap <i>OK</i> . When the alarms and buzzers are switched on, 🔊 will appear.






Display warnings

Message	Cause and remedy
■ lights up on the display, the refrigeration appliance does not get cold even though the controls and the interior lighting are working.	Demo mode has been activated. ■ Touch <i>OK</i> . Miele will appear initially in the display, followed by the start screen. ■ Touch <i>OK</i> . ■ In Settings mode ⚙️, use the < or > sensor control to scroll to the ■ symbol. ■ Touch <i>OK</i> . After demo mode ■ has been switched off, the refrigeration appliance switches off and must be switched on again.

Problem solving guide


Message	Cause and remedy
<p> is lit up on the display and the refrigeration appliance cannot be used.</p>	<p>The Cleaning mode function is still switched on.</p> <ul style="list-style-type: none"> ■ Touch the <i>OK</i> sensor control on the control panel to switch off Cleaning mode. <p> will appear in the display.</p> <ul style="list-style-type: none"> ■ Touch <i>OK</i>. <p>When Cleaning mode  is switched off, the dot in the upper corner of the display goes out.</p> <ul style="list-style-type: none"> ■ Use the < or > sensor control to scroll to the  symbol and touch <i>OK</i>. <p>The refrigeration appliance will start cooling again.</p>
<p>Nothing is visible on the display. The display is completely blank.</p>	<p>Energy-saving mode is switched on. If the appliance has not been operated for a while (approx. 10 minutes), the display is switched off.</p> <ul style="list-style-type: none"> ■ Touch the display. <p>The display shows the most recent indication.</p>
<p> is lit up on the display and the appliance cannot be used.</p>	<p>The lock function has been activated.</p> <ul style="list-style-type: none"> ■ Unlock the refrigeration appliance temporarily or switch the lock function off completely (see “Selecting further settings – Deactivating the lock function /  temporarily/switching off completely”).
<p>The  symbol lights up in the start display and a buzzer sounds.</p>	<p>The  charcoal filter replacement indicator in the start display reminds you to replace the charcoal filter.</p> <ul style="list-style-type: none"> ■ Replace the charcoal filter in the holder (see “Cleaning and care – Replacing the charcoal filters (optional accessory)”) and confirm that the charcoal filter has been replaced by touching the <i>OK</i> sensor control. <p>The  symbol will go out on the start display.</p>
<p> lights up in the display and an alarm also sounds.</p>	<p>The door alarm has been activated.</p> <ul style="list-style-type: none"> ■ Touch <i>OK</i>. <p>The alarm will stop and the  symbol will go out.</p> <ul style="list-style-type: none"> ■ Close the appliance door.


Problem solving guide

Message	Cause and remedy
<p> lights up red in the display, a fault code F with numbers appears and an alarm also sounds.</p>	<p>There is a fault.</p> <ul style="list-style-type: none">■ To switch the alarm off touch  in the display.■ Contact your Miele dealer. <p>To report the fault you need the fault code and also the model number and serial number of your appliance. You can access these in the display.</p> <ul style="list-style-type: none">■ To do this touch  in the display. <p>The appliance data required will be shown in the display.</p> <p>Confirm with  to exit the information display and the fault code will be shown again in the display.</p> <p>The appliance can be switched off directly from the fault code display.</p> <ul style="list-style-type: none">■ Touch .
	<p>There is an appliance fault: this display always has priority over any settings which have just been selected.</p> <p>An appliance fault has priority over any current door and/or temperature alarms displayed.</p>

Interior lighting

Issue	Cause and remedy
-------	------------------

 Risk of electric shock due to exposed, live electrical components. When removing the lighting cover, there is a risk of coming into contact with live electrical components. Do not remove the lighting cover. The LED lighting may only be repaired or replaced by your Miele dealer.


 Risk of injury from LED lighting. This lighting corresponds to risk group RG 2. If the cover is defective, there is a risk of eye injury. If the lighting cover is defective, do not look from a close range directly into the lighting with optical instruments (e.g. magnifying glass or similar).


Issue	Cause and remedy
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The interior lighting is not working.

The refrigeration appliance has not been switched on.
 ■ Switch the appliance on.

To avoid overheating, the lighting switches itself off automatically after approx. 15 minutes if the door is left open. If this is not the case, then there is a fault.

 Risk of electric shock
 There are live electrical components under the lighting cover.
 The LED lighting may only be repaired or replaced by your Miele dealer.

 Risk of injury from LED lighting
 The 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. a magnifying glass or similar).

■ Call your Miele dealer.

Noises

The refrigeration appliance is producing various noises during operation. If the cooling performance is low, the refrigeration appliance will conserve energy but operate for longer. The volume will be lower. Food will be chilled faster if the cooling performance is high. The volume will be higher.

Normal noises	What is causing them?
Brrrrr ...	A humming noise is made by the compressor. This noise can get louder for brief periods when the compressor switches on.
Blubb, blubb ...	A gurgling noise can be heard when the refrigerant circulates through the pipes.
Click ...	Clicking sounds occur whenever the thermostat switches the compressor on or off.
Crack ...	A cracking sound can be heard when materials expand inside the refrigeration appliance.

Please bear in mind that a certain amount of noise is unavoidable (from the compressor and the refrigerant circulating through the cooling circuit).

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

Information to help you rectify faults yourself and about Miele spare parts can be found at www.miele.com/service.

Warranty

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

Contact in case of malfunction

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

Contact details for your Miele dealer are given at the end of this document.

Please note that telephone calls may be monitored and recorded for training purposes and that a call-out charge will be applied to service visits where the problem could have been resolved as described in this booklet.

Please quote the model and serial number of your appliance when contacting your Miele dealer. This information can be found on the data plate in the interior cabinet of the refrigeration appliance or in Settings mode under Information **i** (see “Selecting further settings”).

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