

# Miele

## Operating and installation instructions



### Refrigerator with DynamicCooling

K 11820 SD

K 12820 SD

K 12820 SD edt/cs


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.

en - AU

M.-Nr. 09 433 420

# Contents

---

<b>Guide to the appliance</b> . . . . .	4
<b>Caring for the environment</b> . . . . .	6
<b>Warning and Safety instructions</b> . . . . .	7
<b>How to save energy</b> . . . . .	15
<b>Switching on and off</b> . . . . .	17
Switching off for longer periods of time . . . . .	17
<b>The correct temperature</b> . . . . .	18
. . . in the refrigerator . . . . .	18
Setting the temperature . . . . .	18
Temperature display . . . . .	18
<b>SuperCool and DynamicCooling</b> . . . . .	19
SuperCool . . . . .	19
DynamicCooling  . . . . .	19
<b>Using the refrigerator efficiently</b> . . . . .	21
Different storage zones . . . . .	21
Food which should not be stored in a refrigerator . . . . .	22
When shopping for food . . . . .	23
Storing food correctly . . . . .	23
Fruit and vegetables . . . . .	23
Protein rich foods . . . . .	23
<b>Adjusting the interior fittings</b> . . . . .	24
Moving the shelves . . . . .	24
Split shelf . . . . .	24
Adjusting the door shelf/bottle shelf . . . . .	24
<b>Automatic defrost</b> . . . . .	26
<b>Cleaning and care</b> . . . . .	27
Cleaning the interior and accessories . . . . .	27
Cleaning the door and side panels . . . . .	28
Ventilation gaps . . . . .	28
Door seal . . . . .	28
Rear of appliance - metal grille . . . . .	29
<b>Problem solving guide</b> . . . . .	30
<b>Noises</b> . . . . .	32
<b>After Sales</b> . . . . .	33
<b>Electrical connection</b> . . . . .	34

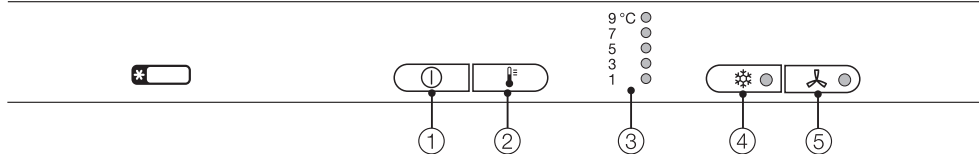
# Contents

---

<b>Installation</b> . . . . .	35
Side-by-side installation. . . . .	35
Location . . . . .	35
Climate range . . . . .	36
Ventilation. . . . .	36
Installation . . . . .	36
Aligning the appliance. . . . .	36
Supporting the appliance door . . . . .	36
Appliance dimensions . . . . .	37
<b>Changing the door hinging</b> . . . . .	38
<b>Aligning the appliance door</b> . . . . .	43
<b>Building in the appliance</b> . . . . .	44

# Guide to the appliance

---



① On/Off button

② Temperature selector button

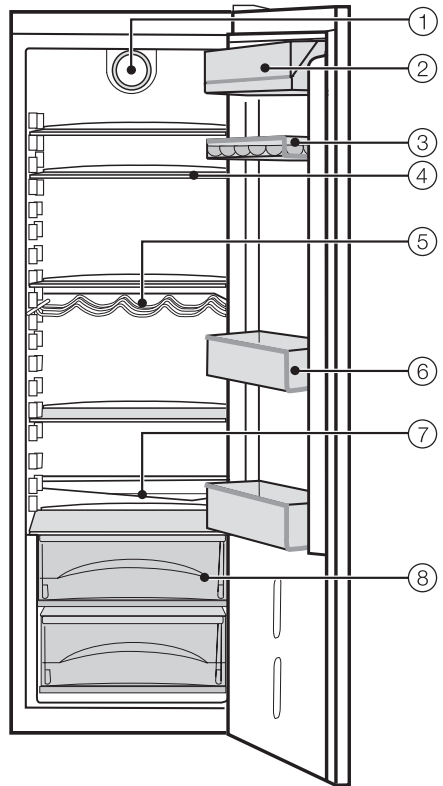
③ Temperature display

④ SuperCool button and indicator light

⑤ DynamicCooling button and indicator light

# Guide to the appliance

- ① Dynamic cooling fan
- ② Butter and cheese compartment
- ③ Egg tray
- ④ Adjustable shelves
- ⑤ Bottle rack
- ⑥ Bottle divider
- ⑦ Condensate channel and drain hole
- ⑧ Fruit and vegetable containers



# Caring for the environment

---

## Disposal of the packing material

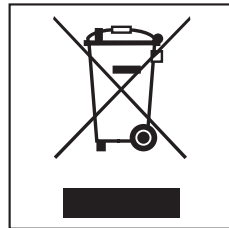
The transport and protective packing has been selected from materials which are environmentally friendly for disposal and can normally be recycled.

Ensure that any plastic wrappings, bags, etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation.

Rather than just throwing these materials away, please ensure they are offered for recycling.

## Disposing of your old appliance

Electrical and electronic appliances often contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your appliance. Please do not therefore dispose of it with your household waste.



Please dispose of it at your local community waste collection / recycling centre and ensure that it presents no danger to children while being stored for disposal.

The plug must be rendered useless and the cable cut off directly behind the appliance or the machine to prevent misuse. Take care not to damage the pipework at the back of it before or during transportation to an authorised collection depot.

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

## Warning and Safety instructions

---

This appliance complies with all relevant local and national safety requirements. Improper use of the appliance can, however, present a risk of both personal injury and material damage.

To avoid the risk of accidents and damage to the appliance, please read these instructions carefully before installation and before using it for the first time. They contain important notes on the installation, safety, operation and care of the appliance. Miele cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

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

### **Correct application**

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

This appliance is not suitable for outdoor use.

▶ This appliance is intended for the cool storage food and drinks. Any other usage is not supported by the manufacturer and could be dangerous.

## Warning and Safety instructions

---

▶ This appliance is not suitable for storing and refrigerating medications, blood plasma, laboratory preparations or similar substances or products. Incorrect use of the appliance may result in damage to or spoiling of the food or drinks being stored. Furthermore, the appliance must not be operated in areas where explosions may occur. Miele cannot be held liable for damage resulting from improper or incorrect use of the appliance.

▶ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning its use by a person responsible for their safety, and are able to recognise the dangers of misuse.

### Safety with children

▶ Young children must not be allowed to use this appliance.

▶ Older children may only use the appliance when its operation has been clearly explained to them and they are able to use it safely, recognising the dangers of misuse.

▶ Cleaning and maintenance work may only be carried out by older children under the supervision of an adult.

▶ Children should be supervised to ensure that they do not play with the appliance. Keep small children away from the appliance at all times to avoid the risk of injury.



# Warning and Safety instructions

---

▶ Danger of suffocation! Children may be able to wrap themselves in packing material or pull it over their heads with the risk of suffocation. Keep children away from any packing material.

## Technical safety

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

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

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

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

In the event of any damage:

- avoid any flames or anything which creates a spark,
- switch off at the mains and unplug the appliance,
- ventilate the room where the appliance is located for several minutes, and
- call Miele.

## Warning and Safety instructions

---

▶ The more coolant there is in an appliance, the larger the room it should be installed in. In the event of a leakage, if the appliance is in a small room, there is the danger of combustible gases building up. For every 8 g of coolant at least 1 m<sup>3</sup> of room space is required. The amount of coolant in the appliance is stated on the data plate inside the appliance.

▶ Before connecting the appliance to the mains supply, make sure that the rating on the data plate corresponds to the voltage and frequency of the household supply. This data must correspond in order to avoid risk of damage to the appliance. Consult a qualified electrician if in any doubt.

▶ The electrical safety of this appliance can only be guaranteed when continuity is complete between it and an effective earthing system which complies with local and national safety regulations. It is most important that this basic safety requirement is present and tested regularly and, where there is any doubt, the household wiring system should be inspected by a qualified electrician.

▶ If the connection cable is faulty, it must only be replaced by a Miele approved service technician to protect the user from danger.

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

▶ If moisture gets into electrical components, it could cause a short circuit. Therefore, do not operate this appliance in areas which are exposed to moisture.

▶ This appliance must not be installed and operated in mobile installations (e.g. on a ship).

## Warning and Safety instructions

---

- ▶ A damaged appliance is dangerous. Check your appliance for any visible damage. Never install or attempt to use a damaged appliance.
- ▶ During installation, maintenance and repair work, the appliance must be disconnected from the mains electricity supply. It is only completely isolated from the electricity supply when:
  - the mains fuse has been disconnected, or
  - the screw-out fuse is removed (in countries where this is applicable), or
  - it is switched off at the wall socket and the plug is withdrawn from the socket, or it is switched off at the isolator.
- ▶ Repairs and other work by unqualified persons could be dangerous. Installation work and repairs to electrical appliances must only be carried out by a Miele approved service technician.
- ▶ The manufacturer's warranty will be invalidated if the appliance is not repaired by a Miele approved service technician.
- ▶ Faulty components must only be replaced by genuine Miele Original spare parts. The manufacturer can only guarantee the safety of the appliance when Miele replacement parts are used.

### Correct use

- ▶ The appliance is designed for use within a certain climate range (ambient temperatures), and should not be used outside this range. The climate range of the appliance is stated on the data plate inside the appliance. Installing the appliance in a room with too low an ambient temperature, e.g. a garage, can lead to the appliance switching off for longer periods so that it cannot maintain the required temperature.

## Warning and Safety instructions

---

▶ To ensure proper air flow in and out of the appliance, the air vents must not be covered or blocked in any way.

Were the air vents to be blocked, it would increase the electricity consumption and could cause damage to the appliance.

▶ Make sure that any oil, or foods containing oil, do not come into contact with plastic components as this could cause stress cracks.

▶ Do not store explosive materials in the appliance or any products containing propellants (e.g. spray cans). Flammable gases can ignite if they come into contact with electrical components. Danger of fire and explosion!

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

▶ If storing alcohol with a high percentage proof, make sure it is tightly closed and stored upright in the refrigerator. Danger of explosion!

▶ Food stored for too long may present a risk of food poisoning. Storage times will depend on several factors, including the freshness and quality of the food, as well as the temperature at which it is stored. Follow the instructions given on the food manufacturer's packaging regarding storage conditions and "use by" dates.

▶ Use only Miele Original spare parts. If spare parts or accessories from other manufacturers are used, the warranty will be invalidated, and Miele cannot accept liability.

# Warning and Safety instructions

---

## **The following applies to stainless steel appliances:**

- ▶ Do not place sticky notes, adhesive tape, masking tape or any other adhesive agent on the treated surface of the door. The coating will become damaged and lose its protective properties against soiling.
- ▶ The high quality treated surface of the door is susceptible to scratching and even magnets can cause damage to the surface.

## **Cleaning and care**

- ▶ Do not use any oils or grease on the door seal, as these will cause the seal to deteriorate and become porous with time.
- ▶ Do not use a steam-cleaning appliance to clean this appliance. Pressurised steam could reach the electrical components and cause a short circuit.
- ▶ Do not use sharp edged objects to
  - remove frost and ice,
  - separate frozen foods.

They will damage the evaporator, causing irreversible damage to the appliance.

- ▶ Never place electric heaters or candles in the appliance to defrost it. These can damage the plastic parts.
- ▶ Do not use defrosting sprays or de-icers, as they might contain substances which could damage the plastic parts or which could cause a build-up of gases and pose a danger to health.

# Warning and Safety instructions

---

## Disposal of your old appliance

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

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

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

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

Splashes of refrigerant can harm the eyes.

## How to save energy

	<b>Normal energy consumption</b>	<b>Increased energy consumption</b>
<b>Installation/Maintenance</b>	In a ventilated room.	In an enclosed, unventilated room.
	Protected from direct sunlight.	In direct sunlight.
	Not situated near a heat source (radiator, oven).	Situated near a heat source (radiator, oven).
	Where the ideal ambient room temperature is approx. 20 °C.	Where the room temperature is high.
	Where the cross-section of the air inlet and outlet is not covered and kept free of dust.	Where the air inlets and outlets are covered or dusty.
	The compressor and the metal grille (heat exchanger) on the rear wall of the appliance must be dusted at least once a year.	Dust deposits on the compressor and metal grille (heat exchanger) increase energy consumption.
<b>Temperature settings</b>	Refrigerator section 4 to 5 °C	The lower the temperature in the appliance, the higher the energy consumption.

# How to save energy

	<b>Normal energy consumption</b>	<b>Increased energy consumption</b>
<b>Use</b>	Do not change the arrangement of the drawers and shelves as when delivered.	
	Only open the door when necessary and for as short a time as possible. Store food in an organised way.	Frequent opening of the door for long periods will cause a loss of coldness. The appliance will try to cool down and the running time of the compressor will increase.
	Take a cooler bag when shopping and load food in the appliance as quickly as possible on your return home. When food is taken out of the refrigerator, be sure to put it back before it becomes warm. Allow hot food and drinks to cool down before placing them in the appliance.	Warm food and food brought in from room temperature add heat to the appliance. The appliance will try to cool down and the running time of the compressor will increase.
	Store food covered or packaged.	The evaporation or condensation of liquids will cause a loss of coldness in the refrigerator.
	Place frozen food in the refrigerator to defrost.	
	Do not overfill the appliance to allow air to circulate.	



## Before using for the first time

To ensure the correct functioning of the appliance, let it stand for between  $\frac{1}{2}$  and 1 hour after transporting it to its final location before connecting it to the mains.

## Protective foil

The stainless steel strips have a layer of protective foil to prevent scratching during transportation.

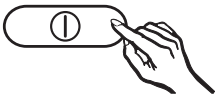
On stainless steel appliances, the stainless steel door and possibly the sides are covered in a protective foil.

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

## Cleaning

- Clean the inside of the appliance and the accessories with lukewarm water and then dry with a soft cloth.

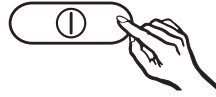
## Switching on



- Press the On/Off button. The temperature display will light up.

The appliance begins to cool down, and the temperature required shows in the temperature display. The interior light will come on when the door is opened.

## Switching off



- Press the On/Off button until the temperature display goes out.

The cooling system is switched off.

## Switching off for longer periods of time

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

- switch the appliance off,
- switch off at the wall and withdraw the plug from the socket, or disconnect the mains fuse or remove the screw-out fuse in countries where this is applicable,
- clean the appliance out and
- leave the door ajar to air the appliance.

If, during a long absence, the appliance is switched off but not cleaned out and the door is left shut, there is a danger of mould and odours building up inside the appliance.

# The correct temperature

---

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

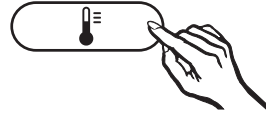
The temperature in the appliance will rise:

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

## . . . in the refrigerator

We recommend a temperature of **5 °C** in the middle of the refrigerator.

## Setting the temperature



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

The first time you press the button the indicator light for the last temperature you set will flash in the display.

The temperature value will change up until the setting for 9 °C is reached. It will then drop back to the 1 °C setting.

## Temperature display

The temperature display on the control panel always shows the **required** temperature.

The temperature can be adjusted from: 1 °C to 9 °C

## SuperCool

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

### Switching on SuperCool

SuperCool is particularly recommended for faster chilling of large amounts of fresh food or drink.



- Press the SuperCool button. The SuperCool indicator light will come on.

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

### Switching off SuperCool

The SuperCool function will switch itself off automatically after approx. 6 hours. The indicator light will go out and the appliance will run at normal power again.

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

- Press the SuperCool button. The SuperCool indicator light will go out, and the appliance will continue to operate at normal power.

## DynamicCooling

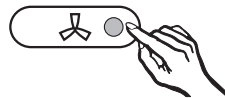
When the DynamicCooling function is not switched on, the natural circulation of air in the appliance will cause different temperature zones in the refrigerator as the cold, heavy air will sink to the lowest section of the appliance. You should bear this in mind when placing food in the appliance (see "Using the refrigerator efficiently"). However, if you are placing a large amount of food in the refrigerator at any one time, it is a good idea to switch on DynamicCooling. This way you can distribute the temperature inside the appliance to all areas more evenly so that all the food will be chilled to about the same degree.


The temperature is set as normal with the temperature control.

DynamicCooling should also be selected when:

- the ambient temperature in the room is high (above approx. 33 °C), and
- the room humidity level is high.

### Switching on DynamicCooling



- Press the DynamicCooling button . The DynamicCooling indicator light will come on.

# SuperCool and DynamicCooling

---

## Switching off DynamicCooling

- Press the DynamicCooling button . The DynamicCooling indicator light will go out.

The fan automatically switches off when the door is open.

# Using the refrigerator efficiently

---

## Different storage zones

Due to the natural circulation of the air in the appliance, there are different temperature zones in the refrigerator. Cold, heavy air sinks to the lowest section of the appliance. Make use of the different zones when placing food in the appliance.

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

## Warmest area

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

## Coldest area

The coldest area in the refrigerator is directly above the fruit and vegetable drawers.

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

- fish, meat, poultry,
- sausage products, ready meals,
- dishes or baked goods containing eggs or cream,
- fresh dough, cake mixtures, pizza or quiche dough,
- soft cheese and other dairy products,
- pre-packed vegetables and other fresh food with a label stating it should be kept at a temperature of approx. 4 °C.

## Using the refrigerator efficiently

---

Do not store explosive materials in the appliance or any products containing propellants (e.g. spray cans).

Danger of explosion!

If storing alcohol with a high percentage proof, make sure it is tightly closed, and stored upright.

Do not store cooking oil in the refrigerator door. Traces of oil can cause stress cracks to occur in the plastic components in the door.

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

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

Do not cover the fan in the rear wall of the refrigerator, as this is essential for keeping the appliance cool.

### **Food which should not be stored in a refrigerator**

Not all food is suitable for refrigeration at temperatures below 5 °C.

Depending on the type of food, storing in a refrigerator for too long can alter the appearance, consistency, taste and/or vitamin content of food.

Foods which should not be stored in a refrigerator include:

- Pineapples, avocados, bananas, pomegranates, mangoes, melons, papayas, passionfruit, citrus fruits such as lemons, oranges, mandarines, grapefruits
- Fruit which is not yet ripe
- Eggplants, cucumbers, potatoes, capiscum, tomatoes, zucchini
- Some hard cheeses, e.g. parmesan

# Using the refrigerator efficiently

---

## When shopping for food

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

Also pay attention to the expiry date and the correct storage temperature for each type of food.

Time out of the refrigerator, e.g. during transportation, should be kept to a minimum. For example, do not allow food to stay in a hot car for too long.

Once food has started to deteriorate, this process cannot be reversed.

Tip: Take a cooler bag when shopping and place cold food in the refrigerator and/or freezer immediately on your arrival home.

## Storing food correctly

Food should generally be stored **covered or wrapped**. This will prevent food smells from affecting other foods, food from drying out, and also any cross-contamination of bacteria. This is especially important for storing animal products.

The shelf life of food can be significantly increased by setting the correct temperature and maintaining good standards of hygiene.

## Fruit and vegetables

Fruit and vegetables may be stored loose in the vegetable drawers.

## Protein rich foods

Please note that foods rich in protein deteriorate faster than others.

Shellfish, for example, deteriorates faster than fish, and fish deteriorates faster than meat.

# Adjusting the interior fittings

## Moving the shelves

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

- Raise the shelf, and pull it forwards slightly 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 raised edge at the back must face upwards to prevent food from touching the back of the appliance and freezing to it.

Stoppers prevent the shelves from being dislodged by mistake.

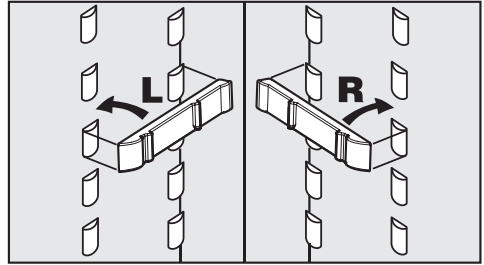
## Split shelf

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

- Lightly push the rear glass shelf from underneath.
- Pull the front half of the glass shelf forwards slightly and then push it carefully under the rear half.

To move the split shelf:

- Take both halves of the split glass shelf out,



- fit the two brackets onto the supports on either side at the required height,
- and push the glass shelves in one after the other.  
The shelf with the raised edge must be at the back.

## Adjusting the door shelf/bottle shelf

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



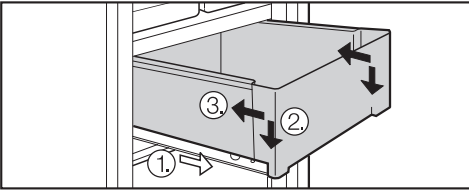
## Fruit and vegetable containers

The fruit and vegetable containers are pushed in and out on telescopic runners, and can be completely removed if necessary.

- Pull the container right out and then lift it up and off.

Push the runners back in again to avoid injury or damage.

To replace a container,



- place it back on the fully extended runners ①. The front of the runners must be right up against the front of the container ②.
- Then push the container back in ③.

## Automatic defrost

---

The refrigerator defrosts automatically.

Condensate and frost can build up on the back wall of the refrigerator whilst it is in use. You do not need to remove this, as it will defrost and evaporate automatically with the warmth generated by the appliance.

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

Ensure that the condensate channel and drain hole are kept clean and are never blocked so that condensate can flow away without hindrance.

Make sure that water cannot get into the electronic unit or into the lighting.

Do not let water get into the drainage channel and drain hole when cleaning.

Do not use a steam cleaning apparatus to clean the appliance. Steam could reach the electrical components and cause a short circuit.

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

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

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

## **Before cleaning**

- Switch off the appliance.
- Disconnect the appliance from the mains. Switch off at the wall and withdraw the plug from the socket, or disconnect the mains fuse.
- Take any food out of the appliance and store it in a cool place.
- Take out any removable parts, e.g. shelves, for cleaning.

## **Cleaning the interior and accessories**

- Clean the appliance at least once a month.  
Use lukewarm water with a little washing-up liquid.

The following components are all dishwasher safe:

- butter dish, egg tray  
(available depending on model)
- containers and shelves in the door
- butter and cheese compartment

The temperature of the dishwasher programme must not exceed 55 °C. Plastic components may discolour in the dishwasher if they come into contact with natural dyes from foods such as carrots, tomatoes and tomato sauce.  
This discolouration will not affect the stability of the components.

## Cleaning and care

---

- Clean the shelves and drawers by hand as they are **not** dishwasher safe.
- Clean the condensate channel and drain hole frequently, so that condensate can drain away unhindered. Use a straw or similar to clear the drain if necessary.
- After cleaning, wipe the interior and accessories with a damp cloth and dry with a soft cloth.  
Leave the door open to air the appliance for a short while.

### Cleaning the door and side panels

Remove any soiling immediately. If not, it might become impossible to remove and could cause the surface to alter or discolour.

The external surfaces of this appliance are all susceptible to scratching. Contact with unsuitable cleaning agents can also alter or discolour the outer surfaces.

- Clean surfaces using a damp microfibre cloth or with a solution of warm water and a little washing-up liquid applied with a soft sponge.
- After cleaning, wipe the outer surfaces with a damp cloth and dry with a soft cloth.

### The following applies to the stainless steel door:

The appliance door is treated with a high quality surface coating. It protects against soiling and facilitates cleaning and care.

Do **not** use the following on the appliance doors:

- Stainless steel cleaners:  
The coating will be damaged.
- Miele Original Care product for stainless steel:  
Visible smearing will form on the door.

### Ventilation gaps

- The ventilation gaps should be cleaned regularly with a brush or vacuum cleaner. A build-up of dust will increase the energy consumption of the appliance.

### Door seal

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

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

### Rear of appliance - metal grille

The metal grille at the back of the appliance (heat exchanger) should be dusted at least once a year. A build-up of dust will increase the energy consumption of the appliance.

When cleaning the grille, make sure that the pipework and other components do not get broken or damaged in any way.

### After cleaning

- Replace all shelves and accessories back in the appliance.
- Reconnect the appliance to the electricity supply and switch it on.
- Switch on the SuperCool function for a short time so that the appliance can cool down quickly.
- Place the food back in the appliance and close the door.

# Problem solving guide

---

Repair work to electrical appliances must only be carried out by a suitably qualified and competent person in strict accordance with current local and national safety regulations. Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.

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

## What to do if . . .

### . . . the appliance does not get cold.

- Check whether the appliance has been switched on. The temperature display must be lit up.
- Check that the plug is correctly inserted into the socket and switched on.
- Check whether the mains fuse has tripped or whether the refrigerator, mains voltage or another appliance is faulty.  
If this is the case, contact a qualified electrician or Miele.

### . . . the temperature in the refrigerator is too low.

- Set a warmer temperature.
- The SuperCool function is switched on. It switches off automatically after 6 - 12 hours.

### . . . the compressor is switching on too frequently and for too long.

- Check whether the ventilation gaps have been covered or become dusty.
- Check whether the compressor and the metal grille (heat exchanger) at the back of the appliance has become too dusty.
- The appliance door has been opened too frequently.
- Check that the door closes properly.

### . . . the interior lighting in the refrigerator is not working.

- Has the appliance door been left open for too long? 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 the interior lighting is defective.

- Call Miele.

The LED lighting may only be repaired or changed by a Miele service technician because there are live parts under the cover. Danger of injury and damage!

The cover must not be removed. Should the cover be damaged or removed due to damage, **exercise caution**. Never look at the lighting with optical instruments (magnifying glass or similar).

### **. . . the floor of the refrigerator is wet.**

The condensate drain hole is blocked.

- Clean the condensate channel and drain hole.

If you still cannot remedy the fault, having followed these suggestions, please contact Miele.

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

# Noises

Normal noises	What causes them
<b>Brrrrr ...</b>	Humming noise made by the motor (compressor). This noise can get louder for brief periods when the motor is switching on.
<b>Blubb, blubb....</b>	A gurgling noise can be heard when coolant is circulating through the pipes.
<b>Click ...</b>	Clicking sounds are made when the thermostat switches the motor on and off.
<b>Sssrrrrr ...</b>	On multi-zone and frost-free appliances you can sometimes just hear the movement of the fan inside the appliance.
<b>Crack ...</b>	A cracking sound can be heard when materials expand inside the appliance.

Remember that the noise of the compressor and the coolant circulating in the system is unavoidable.

Noises that you can easily rectify	What causes them, and what can you do about them?
<b>Rattling, vibrating</b>	<b>The appliance is uneven: Realign the appliance using a spirit level, by raising or lowering the screw feet underneath the appliance.</b>
	<b>The appliance is touching another appliance or piece of furniture:</b> Move it away.
	<b>Drawers, baskets or shelves are unstable or sticking:</b> Check all removable items and refit them correctly.
	<b>Are any bottles or containers unstable or knocking against each other?</b> Separate them.
	<b>The transport cable clips are hanging loose at the back of the appliance:</b> Remove the clips.



In the event of a fault which you cannot correct yourself, please contact:

– your Miele Chartered Agent

or

– Miele.

You will find the address and telephone number of Miele on the back cover of the manual.

When contacting your Chartered Agent or Miele, please quote the model and serial number of your appliance. This information is given on the data plate inside your appliance.

## Electrical connection

---

All electrical work should be carried out by a suitably qualified and competent person in strict accordance with current local and national safety regulations.

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

The fuse rating must be at least 10 A.

The voltage and frequency are given on the data plate. Please ensure that these match the household mains supply. Connection should be made via a suitable switched socket which is easily accessible. For extra safety it is advisable to install a suitable residual current device (RCD).

The accessibility of the plug must always be ensured in order to be able to quickly separate the appliance from the mains.

If the mains socket is not accessible after the appliance has been built in, a separator for each terminal must be available. There must be an all-pole contact gap of 3 mm in the switch.

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

Nor should other appliances be plugged into a socket located directly behind the wine conditioning unit.

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

Do not connect the appliance to an inverter such as those used with an autonomous energy source e.g. **Solar power**.

When switched on, peak loads in the system can cause the safety switch off mechanism to be triggered. This can damage the electronic unit.

The machine must not be used with so-called **energy-saving devices** either. These reduce the amount of energy supplied to the machine, causing it to overheat.

If the mains connection cable needs to be replaced, this must only be carried out by a qualified electrician.

**WARNING**  
**THIS APPLIANCE MUST BE**  
**EARTHED**

Do not operate any appliance which gives off heat on top of the refrigerator, e.g. toaster, microwave oven. Risk of fire!

## Side-by-side installation

To avoid a build-up of condensation and resultant damage, refrigerators and freezers should not generally be installed side-by-side.

However, some appliances have side-wall heating making them suitable for side-by-side installation with this refrigerator.

Miele or your Chartered Agent will be able to advise you on which models are suitable to being installed side-by-side

- Follow the instructions for the other appliance on how to install the two appliances side by side.

## Location

This appliance should be installed in a dry, well-ventilated room. It should not be installed where it is exposed to direct sunlight or directly adjacent to a heat-producing appliance such as an oven or a radiator. The room temperature should not go above or below the climate range for which the appliance is designed. The higher the ambient temperature of the room, the more energy the appliance requires to operate.

Please note the following when installing the appliance:

- The mains connection socket must not be located directly behind the appliance and must be easily accessible.
- The plug and mains connection cable must not come into contact with the rear of the appliance as they may be damaged by vibrations from the appliance.
- Nor should other appliances be plugged into a socket located directly behind the wine conditioning unit.

**Important!** In areas of high humidity, condensate can build up on the external surfaces of the appliance. This condensation can cause corrosion on the outer walls of the appliance.

To prevent this happening, it is recommended that the appliance is installed in a dry, well-ventilated room.

After installation, check that the appliance door closes properly, that the air inlets and outlets are not covered, and that the appliance has been installed as described in these operating and installation instructions.

# Installation

## Climate range

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

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

Operating in a room which is too cold will result in the compressor switching off for too long, causing the internal temperature in the appliance to rise with the risk of food deteriorating and going off.

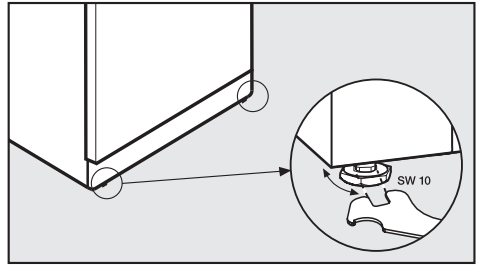
## Ventilation

Air at the back of the appliance gets warm. To ensure sufficient ventilation, the ventilation gaps must not be covered. They should also be dusted on a regular basis.

## Installation

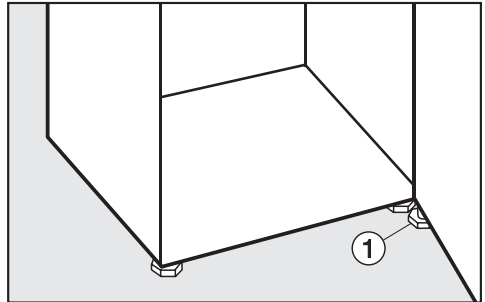
- Remove the cable clip from the back of the appliance.
- Check that all parts at the back of the appliance are unhindered. Carefully remove any hindrance.
- Carefully push the appliance into position.
- Place the appliance with its back against the wall.

## Aligning the appliance



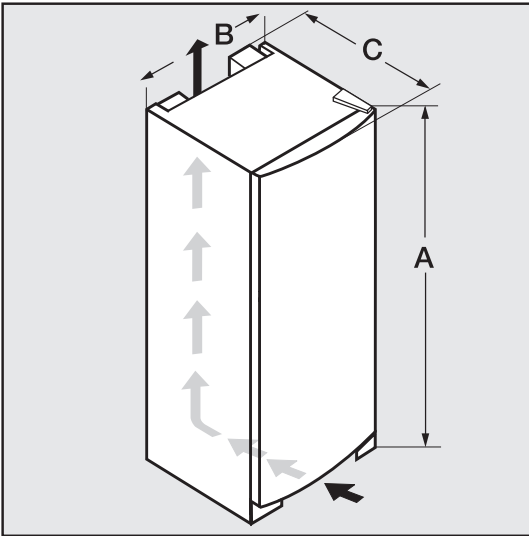
- Align the front feet using the flat spanner supplied.

## Supporting the appliance door



- The foot ① should **definitely** be unscrewed until it rests on the floor. Then turn it a further 90°.

## Appliance dimensions

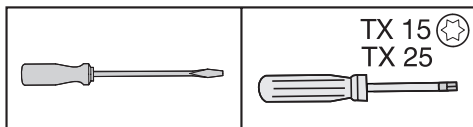


	<b>A</b>	<b>B</b>	<b>C</b>
<b>K 11820 SD, K 12820 SD, K 12820 SD edt/cs</b>	1,850 mm	600 mm	630 mm

## Changing the door hinging

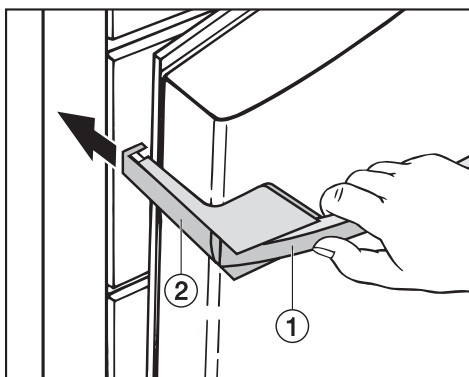
The appliance is supplied with right-hand door hinging. If left-hand door hinging is required, the hinging must be changed.

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



Two people are needed to change the door hinging.

### Removing the door handle



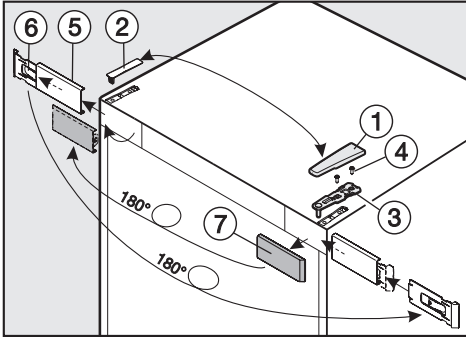
- Pull door handle ① towards you. Side section ② slides back.
- Pull side section ② firmly back out of the guides on the mounting plate (see arrow).
- Undo the 4 (TX 15) screws in the mounting plate, and remove the handle.
- Remove the cover caps from the opposite side, and fit them into the empty holes.

## Changing the door hinging

### Changing over the door

Remove any food from the door shelves.

- Close the door.



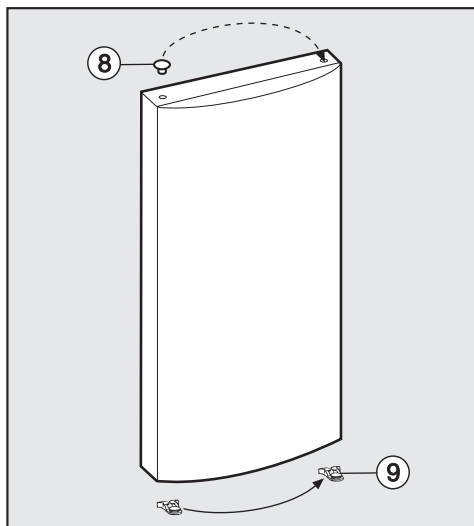
- Remove cover ① by sliding it forwards from the back and then lifting it off.
- Remove cover ② by pulling it upwards.

Caution! The appliance door is not secure once the hinge plate has been removed.

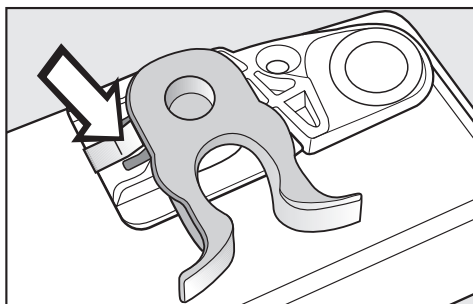
- Loosen screws ④ in upper hinge plate ③ and pull it upwards and off.
- Carefully lift the door off and place it to one side.
- Carefully release cover ⑤ from above using a screwdriver and then take it off together with retaining plate ⑥.

- Then separate retaining plate ⑥ from cover ⑤ by pushing it slightly to the left. Then pull the cover forwards and off.
- Rotate retaining plate ⑥ by 180°.
- Then fit cover ⑤ from the front over retaining plate ⑥, and slide it over to the right. The writing must be visible.
- Remove cover ⑦, then rotate it by 180° and fit it on the opposite side.
- Then fit cover ⑤ together with retaining plate ⑥ on the opposite side.

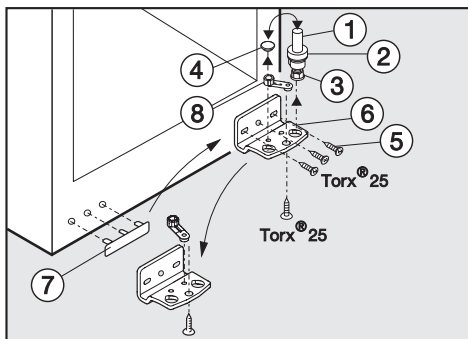
## Changing the door hinging



- Remove cap 8 from the bearing bush in the door and refit on the opposite side.



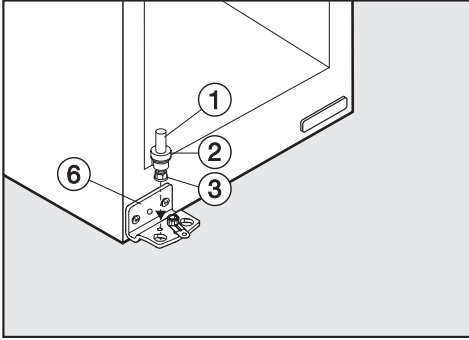
- Remove clamp 9 from underneath the door and fit it on the opposite side.



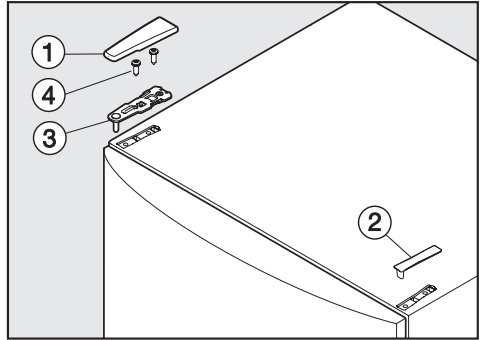
- Pull hinge pin 1 with disc 2 and foot 3 upwards to remove them.
- Remove cover 4.
- Undo screws 5 and take hinge plate 6 off.
- Slightly loosen bearing screw 8 from hinge plate 6. Screw it into the hole on the other side of hinge plate 6 and then tighten the screw again.
- Place cap 4 in the other hole.
- Remove cover 7 and fit it into the holes on the opposite side.



## Changing the door hinging



- Screw hinge plate ⑥ into position on the opposite side using the two **outer** long slots only. Do not use the **middle** screw because you will not be able to align the door over the outer long slots later on.
- Important! Screw foot ③ into hinge pin ① as far as it will go.
- Reinsert hinge pin ① with disc ② and foot ③. Important! The lug on the hinge pin must face backwards.
- Place the door onto hinge pin ①.
- Close the appliance door.



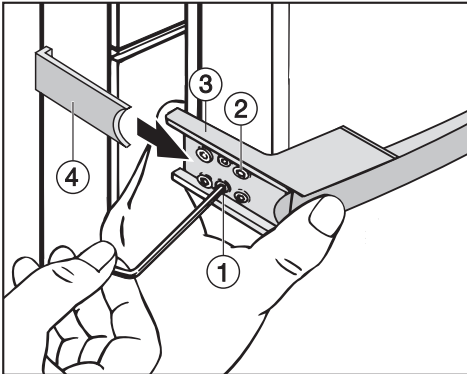
- Fit hinge plate ③ onto the opposite side and secure it with screws ④.
- Fit covers ① and ② to their opposite sides.
- Realign the door with the appliance housing again using the long slots in the lower hinge plate. Then tighten the screws.

# Changing the door hinging

## Refitting the handle

Please make sure you follow the instructions below carefully when you refit the handle. The door seal will be damaged if the handle is fitted incorrectly.

It is important to check that the side section of the handle ④ does not come into contact with the door seal when opening the door as this would damage the door seal permanently.



If, after you have refitted the handle, you find that the side section does touch the door seal when the door is opened:

- Realign mounting plate ③ with grub screws ① until the mounting plate and the side section of the handle ④ are at the correct angle and the side section does not touch the door seal when the door is opened.

- Loosely attach the handle to the opposite side of the door with the two front screws ②.

Mounting plate ③ must be positioned on the side of the door so that when the door is **closed**, it is flush with the side of the appliance.

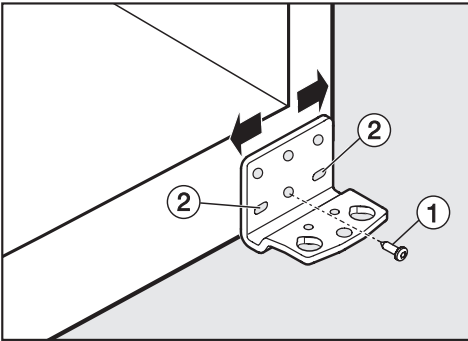
If this is not the case,

- tighten both grub screws ① with an Allen key until mounting plate ③ lines up correctly.
- Then tighten all 4 fixing screws ②.
- Slide the side section of the handle ④ into the guides on the mounting plate until it clicks into place.

## Aligning the appliance door

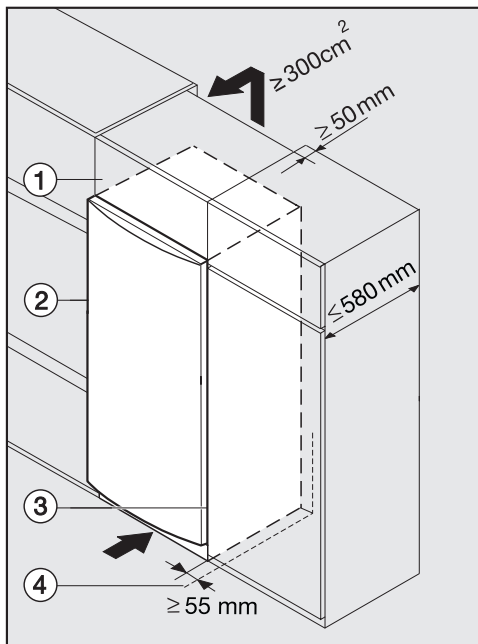
The appliance door can be aligned to the housing using the outer long slots in the lower hinge plate.

In the following illustration the door is not shown in the closed position to make it easier to see what happens next.



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

## Building in the appliance



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

The appliance can be installed in a kitchen run. To match the height of the rest of the kitchen, the appliance can be fitted with a suitable top box ①.

A ventilation gap of at least 50 mm depth must be allowed for behind the appliance across the entire width of the top box for air to circulate.

The cross section of the air outlet under the room ceiling must be at least 300 cm<sup>2</sup> to ensure that air can circulate without hindrance. Otherwise the appliance has to work harder, resulting in an increase in electricity consumption.

The air inlet and outlet must not be covered or blocked in any way. They should be dusted on a regular basis.

When built into a kitchen run (max. depth 580 mm), the appliance can be installed directly next to a kitchen furniture housing unit. The appliance door will protrude in front of furniture fronts at the sides by 34 mm and by 55 mm in the middle of the door. This enables the doors to be opened and shut without being obstructed.

When installed **next to a wall** ④, a distance of approx. 55 mm must be maintained on the hinge side between the wall ④ and the appliance ② so that the doors and the handles have sufficient space for opening.









**Miele Australia Pty. Ltd.**

ABN 96 005 635 398

**Head Office Melbourne:**

1 Gilbert Park Drive  
Knoxfield, VIC 3180

**Miele Gallery and Office Melbourne:**

208-210 Coventry Street  
South Melbourne, VIC 3205

**Miele Gallery and Office Sydney:**

3 Skyline Place  
Frenchs Forest, NSW 2086

**Miele Gallery and Office Brisbane:**

39 Harvey Street North  
Eagle Farm, QLD 4009

**Miele Gallery and Office Adelaide:**

83-85 Sir Donald Bradman Drive  
Hilton, SA 5033

**Miele Gallery and Office Perth:**

205-207 Stirling Highway  
Claremont, WA 6010



**[www.miele.com.au](http://www.miele.com.au)**



**Miele New Zealand Limited  
Miele Gallery and Head Office**

Unit L, 10-20 Sylvia Park Road  
Mt. Wellington, 1060, Auckland  
New Zealand  
Telephone: 0800 264 353  
[www.miele.co.nz](http://www.miele.co.nz)

**Miele Global Headquarters  
Germany**

**Miele & Cie. KG**  
Carl-Miele-Straße 29  
33332 Gütersloh  
Federal Republic of Germany