Miele

Operating and installation instructions

Refrigerator
with dynamic cooling
K 3512 SD ed-3

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

GB

M.-Nr. 05 934 440

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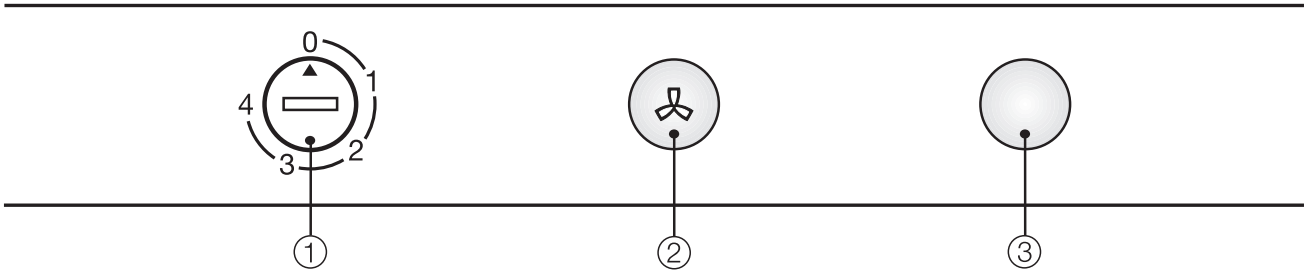
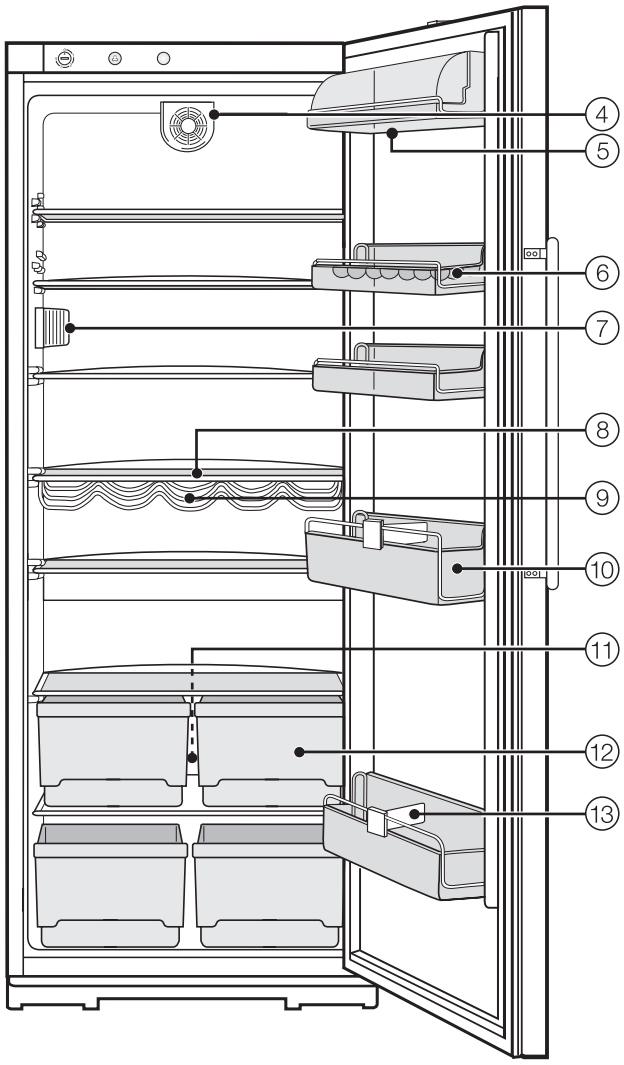
Description of the appliance



① On/Off and temperature selector dial

② Button for dynamic cooling

③ Indicator light for dynamic cooling



④ Fan for dynamic cooling

⑤ Butter and cheese compartment

⑥ Egg trays

⑦ Interior lighting

⑧ Shelves

⑨ Bottle rack

⑩ Adjustable door shelves

⑪ Condensate channel and drain hole

⑫ Fruit and vegetable containers

⑬ Bottle divider (depending on model)

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.

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

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!

Disposal of your old appliance

Old appliances contain materials which can be reclaimed or recycled. Please contact your dealer, your waste collection centre or scrap merchant about potential recycling schemes.

Make sure that the pipework is not damaged whilst moving an old appliance. This is to ensure that the refrigerant and oil in the compressor cannot leak into the environment. It is important that they are disposed of in a safe manner by authorised persons only.

Ensure that the appliance presents no danger to children while being stored for disposal.

See the appropriate section in the Warning and safety instructions.

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

Before installation and before using for the first time, read the operating instructions carefully. They contain important notes on safety, the operation and care of the appliance. This way you will avoid the risk of accidents and damage to the appliance.

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

Correct usage

This appliance is intended for domestic use only for the cool storage of food and drink.
Any other usage is not supported by the manufacturer and could be dangerous. The manufacturer cannot be held liable for damage caused by improper use of the appliance.

Technical safety

This appliance contains the coolant Isobutane (R600a), a natural gas which is very environmentally friendly. Although it is flammable, it does not damage the ozone layer and does not increase the greenhouse effect. The use of this environmentally friendly 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, but does not have any adverse effect on the performance of the appliance.
Care must be taken during transportation and setting up of the appliance that no parts of the cooling system are damaged. Leaking coolant can damage the eyes.
In the event of any damage:
– avoid open fires
  and anything which creates a spark,
– disconnect from the mains,
– air the room in which the appliance is
  located for several minutes and
– contact the Service Department
  for advice.

The more refrigerant 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^3 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. If in any doubt, consult a qualified electrician.

The electrical safety of this appliance can only be guaranteed when continuity is complete between the appliance and an effective earthing system which complies with local and national safety regulations. It is most important that this basic safety requirement is regularly tested, and where there is any doubt the household wiring system should be inspected by a qualified electrician.
The manufacturer cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

Safe operation of the appliance is only assured if it has been installed and connected in accordance with these operating and installation instructions.

This equipment is not designed for maritime use or for use in mobile installations such as caravans, aircraft etc. However, it may be suitable for such usage subject to a risk assessment of the installation being carried out by a suitably qualified engineer.

Installation work, maintenance and repairs should only be carried out by suitably qualified and competent persons.
Repairs and other work by unqualified persons could be dangerous and the manufacturer will not be held liable.

Ensure current is not supplied to the appliance while maintenance or repair work is being carried out.

The appliance is only completely isolated from the electricity supply when:

– the plug has been withdrawn.
  Do not pull on the cable, only on the plug.
– the mains fuse is withdrawn.
– or the screw-out fuse is removed (in countries where this is applicable).

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

Use

Never store explosive materials in the appliance. Switching on thermostats and the interior light may produce sparks which could present a fire hazard.

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

Observe the "use by“ dates 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. Follow the instructions given on food manufacturer’s packaging on storage conditions required as well as the "use by“ date.

Do not use sharp edged objects to
– remove frost and ice,
– separate frozen foods or remove ice trays.
They will damage the evaporator and the appliance will not be able to be used again (total damage).

Never place electric heaters or candles in the appliance to defrost it. These can damage the plastic parts.

Do not use defrosting sprays, or de-icers as they could contain substances which damage the plastic parts and which may cause the build up of gases and pose a danger to health.

Do not use any grease or oil on the door seals. These cause the seals to become porous in the course of time.

Do not block the ventilation grilles in the appliance as this would impair the efficiency of the appliance, increase the electricity consumption and could cause damage to the appliance.

The appliance is designed for use within certain climate ranges (ambient temperatures). It must not be used in ranges for which it is not designed. The climate range for your appliance is stated on the data plate inside the appliance. Installing it in a room with too low an ambient temperature will lead to the appliance switching off for longer periods so that it cannot maintain the required temperature.

Never use steam cleaning apparatus to defrost or clean the appliance. The steam could attack the electrical components and cause a short circuit.

In countries where there are areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the appliance and its surroundings in a clean condition at all times. Any damage which may be caused by cockroaches or other vermin will not be covered by the appliance guarantee.

Disposal of old appliances

Before disposing of an old appliance first make the door latch or lock unusable.
This way you will prevent children from accidentally locking themselves in and endangering their lives.

Before disposing of an old appliance, unplug it and render the plug useless. Cut off the cable directly behind the appliance and at the plug to prevent misuse.

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

– puncturing the refrigerant channels in the evaporator.
– bending any pipework.
– scratching the surface coating.

Splashes of refrigerant can damage the eyes.

The manufacturer cannot be held liable for damage caused by non-compliance with these Warning and safety instructions.

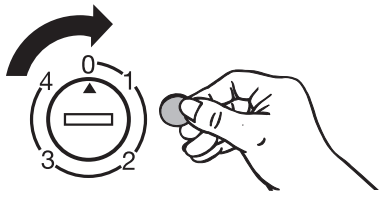
Before using for the first time

The stainless steel surface has a protective cover to prevent scratching during transportation.

- Do not remove this cover until the appliance has been installed or built in. Start at one of the upper corners.
- Clean the inside of the appliance and the accessories with warm water and a little washing up liquid, and then dry with a soft cloth.

Important:
To ensure correct functioning of the appliance, let it stand for between ½ and 1 hour after transporting it to its final location before connecting it to the mains. This is important for the correct functioning of the appliance.

Switching on



- Using a coin, turn the On/Off dial in a clockwise direction away from the "0" position.

Turn it only as far as it will go, then turn it back again. Turning it beyond its range will damage it.

The appliance starts cooling, and the interior light will come on when the door is opened.

The higher the setting, the lower the temperature in the appliance.

Switching off

- Using a coin, turn the On/Off dial in an anti-clockwise direction back to the "0" position.

The cooling system and the interior light are now 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 at the mains,
- take out the plug (pull on the plug and not the cable),
- 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, mould and odours are likely to build 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,

– if too much food is stored in it at once,

– 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 middle of the refrigerator section.

If you wish to check the temperature in the refrigerator,

■ Place a thermometer in a glass of water and then place the glass in the middle of the refrigerator section.

After about 24 hours, the thermometer will show the approximate temperature in the refrigerator.

Please note the following

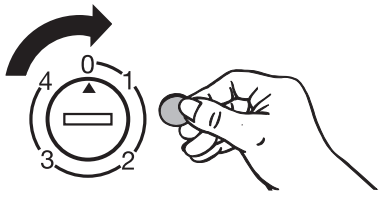
– bathwater and other household thermometers are not very accurate. It is best to use an electronic thermometer.

– do not measure the temperature of the air in the appliance. The result will not reflect the temperature in the food.

– try to open the door as little as possible during the measuring period, as warm room air will enter the refrigerator every time the door is opened.

Temperature selection

The temperature is set with the temperature dial.



■ Use a coin to turn the temperature dial clockwise to the required setting.

Forcing it beyond its range will damage it. Turn it only as far as it will go, then turn it back again.

The higher the setting, the lower the temperature in the appliance.

In **normal use** a setting between **2 and 3** is generally sufficient. You should also check the temperature inside the appliance from time to time.

It is advisable to select setting **4** if the door is opened frequently, large quantities of food are stored in a refrigerator or there is a high ambient temperature.

Dynamic cooling

With dynamic cooling the temperature inside the appliance is distributed to all areas more evenly. All food stored in the refrigerator section will be chilled to about the same degree. The temperature is controlled as normal with the temperature dial.

Dynamic cooling should be selected when:

– the ambient temperature in the room is high (above approx. 30 °C), and

– the room humidity level is high.

Switching on dynamic cooling

■ Press the dynamic cooling button . The dynamic cooling indicator light will come on.

Make sure the vents in the appliance are open to ensure unhindered air circulation.

Switching off dynamic cooling

When dynamic cooling is switched on the appliance uses more energy. It should therefore be switched off when the room temperature is normal (below 30 °C) and when humidity levels are normal.

■ Press the dynamic cooling button . The dynamic cooling indicator light will go out.

Different storage zones

Natural air circulation gives rise to different temperature zones inside the refrigerator section. Cold, heavy air sinks to the lowest section of the appliance. Make use of the different zones when placing food in the appliance.

Coldest zone

The coldest zone in the refrigerator section is directly above the vegetable containers.

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 minimum temperature of 4 °C.

Warmest zone

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

Do not store explosive materials in the appliance or any products containing combustible gas (e.g. spray cans). Danger of explosion.

If storing alcohol with a high percentage proof, make sure it is tightly closed, and store 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 appliance. Otherwise it may freeze to the back wall.

Food which should not be stored in a refrigerator

Not all food is suitable for refrigeration. These include:

– Fruit and vegetables which are sensitive to cold, such as bananas, avocado pears, papaya, passion fruit, aubergines, peppers, tomatoes and cucumbers

– Fruit which is not yet ripe

– Potatoes

– Some hard cheeses

Using the refrigerator section efficiently

Storing food correctly

Store food covered or packaged. This will prevent food smells or tastes from affecting other foods and prevent food from drying out. The growth of bacteria, such as salmonella, can be avoided by setting the correct temperature and maintaining good standards of hygiene.

Fruit and vegetables

Fruit and vegetables can be stored loose in the vegetable containers. However, you should bear in mind that some types of vegetables give off a natural gas which speeds up the rate at which food perishes. Some fruit and vegetables react stongly to this gas and should not be stored together in the vegetable containers.

Examples of fruit which produce a large amount of this natural gas are:

Apples, apricots, pears, nectarines, peaches, plums, avocado pears and figs.

Examples of fruit and vegetables which react strongly to the natural gases given off by other types of fruit and vegetables are:

Kiwis, broccoli, cauliflower, brussels sprouts, mangos, honeydew melons, apples, apricots, cucumbers, tomatoes, pears, nectarines and peaches.

Energy saving tips

– Frequently opening the door or keeping it open for too long will cause the temperature in the appliance to rise. The appliance will have to run more often in order to maintain the cool temperature inside the appliance. Only open the door when you need to and then only for as long as necessary.

– If you organise where you store your food correctly you should be able to find things quickly and easily without allowing the temperature in the appliance to rise. Sort the food out carefully before putting it into the appliance.

– Hot food and drinks must be cooled to room temperature before placing them in the appliance.

– Do not store groceries too close to each other. Space should be left between individual items for air to circulate.

Moving the shelves

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

- Pull the shelves forward as far as they will go then lift them upwards to remove them.
- With the rear barrier facing upwards place the shelf at the required position.
  The rear barrier must face upwards to prevent food from touching the back of the appliance and freezing to it.

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.

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

Adjusting the door shelves

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

Moving the bottle divider

The bottle divider can be moved to the left or right to ensure that bottles are held securely in position when the door is opened and shut.

Defrosting

Condensate and frost can build up on the back wall of the appliance whilst it is in use. These are automatically removed and defrosted 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 never blocked so that condensate can flow away without hindrance.

Never use cleaning agents containing abrasive substances such as sand, soda, acids or chemical solvents.
"Non-abrasive“ cleaning agents are also unsuitable as they can cause matt areas to appear.

For stainless steel surfaces, use a proprietary stainless steel cleaning agent.

Make sure that no water can penetrate into the electronic unit or into the light.

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

Do not use steam cleaning apparatus to clean the appliance. Pressurised 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.

Before cleaning

- Switch the appliance off by turning the temperature selector to "0" and then removing the plug.
- 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 outer casing, the interior and accessories

- Clean the appliance at least once a month using warm water and a little washing-up liquid.
- Accessories and shelves should all be hand-washed. The butter dish is, however, 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.
- Clean stainless steel surfaces with a suitable cleaning agent.
- After cleaning, wipe the outer casing, 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.

E-Cloth

- A microfibre "E-Cloth“ is available from the Miele UK Spare Parts Department, Part Number 980 13530, which is suitable for cleaning surfaces such as stainless steel, glass, plastic and chrome without the use of chemicals.

If you are unsure about a particular product or need further advice please contact your nearest Miele Sales office. See back page for address.

Ventilation grilles

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

Door seal

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

Metal grille at the back of the appliance

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 in the appliance.
- Insert the plug in the socket and switch the appliance back on.
- Place food back in the appliance and close the door.

Repairs to electrical appliances should only be carried out by a suitably qualified and competent person in accordance with local and national safety regulations. Unauthorised repairs could be dangerous.

The following can be corrected without contacting the Miele Service Department:

What to do if . . .

. . . strange noises can be heard after switching on the appliance, especially after it has just been installed.

- Check to see whether any pieces of furniture next to the appliance are vibrating whilst the appliance is in operation.

Switch the appliance off then:

- Check whether the appliance is aligned correctly.
- Check whether all parts at the rear of the appliance are free from hindrance. Remove any hindrance.
- Check whether the cable clips were unclipped from the back of the appliance before installation. They could vibrate when the appliance is operating.
- Are all removable parts securely located in the appliance?
- Are bottles or containers touching each other?

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

. . . the appliance does not get cool.

- Make sure the temperature selector is not set at "0".
- Check that the plug is correctly inserted in the socket.
- Check that the fuse is not defective and that the mains fuse has not blown. If it has contact the Miele Service Department.

. . . the temperature in the appliance is too low.

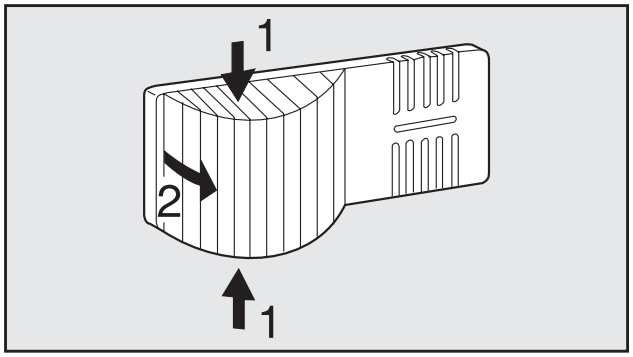
- Turn the temperature dial to a setting closer to "0".

. . . the appliance is switching in too frequently and for too long.

- Check whether ventilation grilles have been covered over or become too dusty.
- Check whether the metal grille (heat exchanger) at the rear of the appliance has become too dusty.
- Has the door been opened too frequently.
- Check that the door has been properly closed.

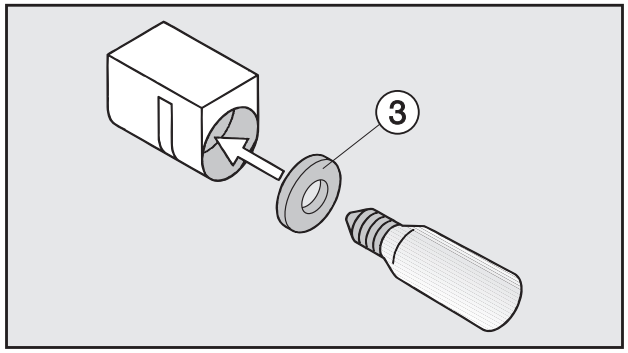
. . . the interior light in the refrigerator does not work.

- Is the temperature selector at a setting other than "0"? If it is then the bulb may be defective and need replacing.
- Disconnect the appliance from the mains. Switch off at the wall and withdraw the plug from the socket (pull by the plug not the cable), or disconnect the mains fuse or remove the screw-out fuse in countries where this is applicable.



- Press the sides of the lamp cover inwards (1), disengage the cover and unclip it at the rear (2).
- Unscrew the bulb and replace it with a new one.

  Bulb specification:
  220 – 240 V, max. 25 W, E 14 fitting



- When fitting the new bulb make sure that the seal (3) is positioned correctly.
- Clip the lamp cover back in at the rear and then press it into position from the sides.

. . . the floor of the appliance is wet.

The drain hole has become blocked.

- Clean the condensate channel and drain hole.

If you still cannot remedy the fault having followed these suggestions, then contact the Miele Service Department.

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

In the event of a fault which you cannot correct yourself, or if the appliance is under guarantee please contact:

– Your Miele Dealer

  or

– The Miele Service Department (see back cover for address).

When contacting the Service Department, please quote the model and serial number of your appliance, both of which are shown on the data plate.

Please note that telephone calls may be monitored and recorded to improve our service.

Electrical connection U.K.

The appliance is supplied with a mains cable and moulded plug ready for connection to an a.c. single phase 220 – 240 V 50 Hz supply.
The fuse rating is 13 amps.

All electrical work should be carried out by a suitably qualified and competent person in accordance with local and national safety regulations.
Connection should be made via a fused plug and suitable switched socket which is easily accessible.
For extra safety it is advisable to install a residual current device (RCD) with a trip current of 30 mA (in accordance with DIN VDE 0664, VDE 0100, Section 739).

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

The appliance must not be connected to an inverter and must not be used with a plug adapter as these can cause damage to the appliance's electronic unit.

Important

The wires in the mains lead are coloured in accordance with the following code:

Green/yellow	=	earth
Blue	=	neutral
Brown	=	live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol (⏚) or coloured green or green and yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

WARNING
THIS APPLIANCE MUST BE EARTHED

Non-rewireable plugs (BS 1363)

If this machine is fitted with a non-rewireable plug, the following information applies:

If the socket outlets are not suitable for the plug supplied with this product, it must be cut off and an appropriate plug fitted.

The fuse carrier and the fuse should be removed from the old plug and disposed of. The old plug should then be disposed of and on no account be inserted into any socket elsewhere in the house (electric shock hazard).

The fuse cover must be re-fitted when changing the fuse, and if the fuse cover is lost, the plug must not be used until a suitable replacement is obtained. The colour of the correct replacement cover is that of the coloured insert in the base of the plug, or the colour that is embossed in words in the base of the plug (as applicable to the design of the plug fitted).

The correct fuse rating of the replacement fuses that are ASTA approved to BS 1362 should be fitted. Replacement fuse covers may be purchased from your local electrical supplier, or Miele Service agent.

Do not place any appliance which gives off heat, such as a toaster or microwave oven, on top of this appliance, as this would increase the appliance's energy consumption.

Location

The 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.

Climate range

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

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

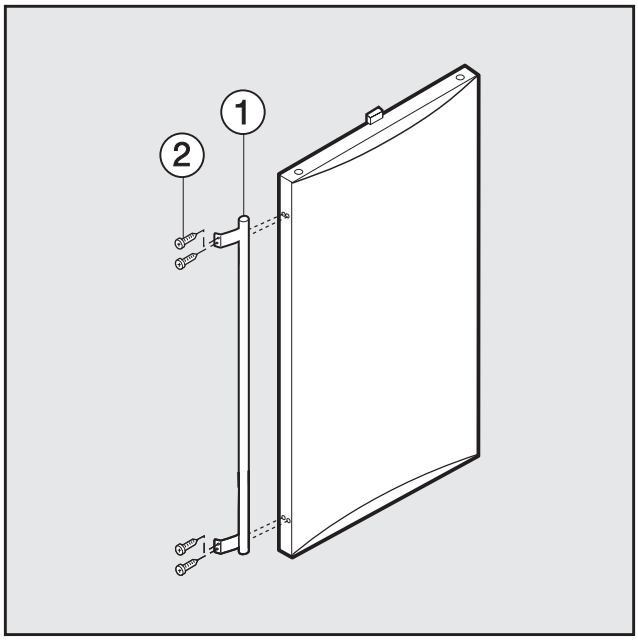
The appliance will function perfectly down to a temperature of +5 °C.

Ventilation

Air at the back of the appliance gets warm. To ensure sufficient ventilation, the ventilation grilles must not be covered over. The air inlet and outlet must not be covered or blocked in any way. They should be dusted on a regular basis.

Fitting the handle

If the door hinging does not require changing the handle should now be fitted to the door.

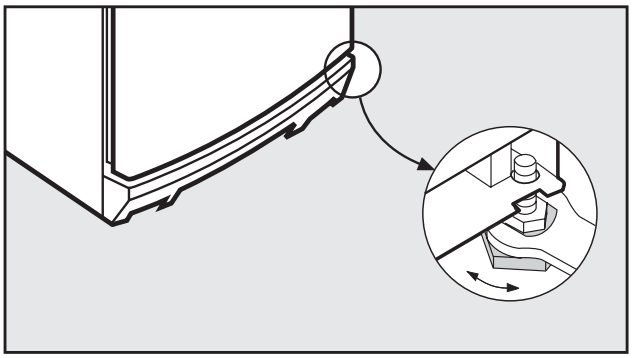


- Secure handle ① to the holes in the door using screws ②.

Installation

- Remove any cable clips from the rear of the appliance.
- Check that all parts at the back of the appliance are unhindered. Remove any hindrance.
- Carefully push the appliance into position.

Aligning the appliance

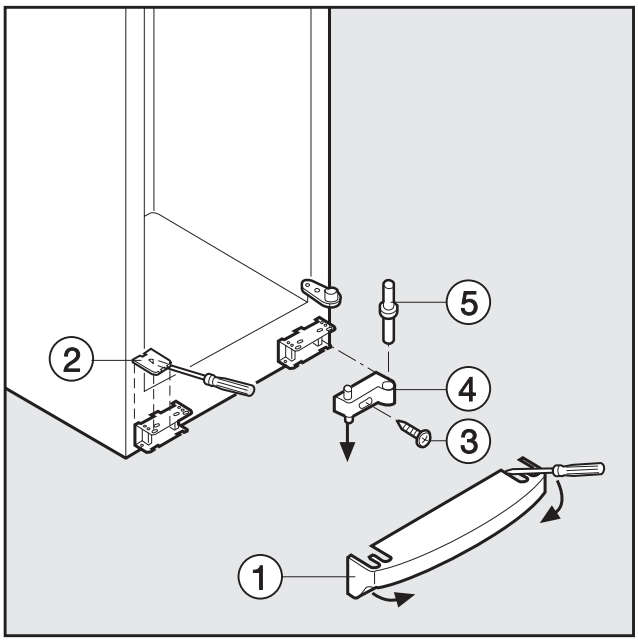


- To align the appliance adjust the feet using the spanner supplied.

Changing the door hinging

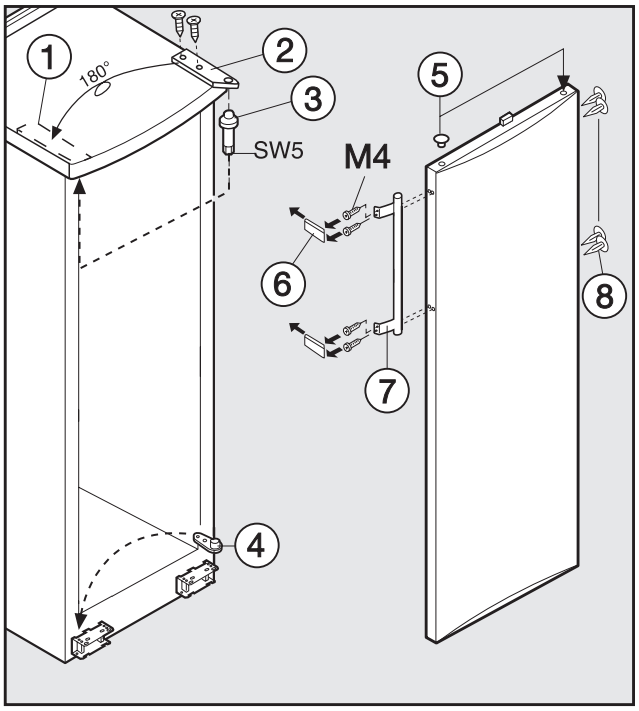
The appliance is supplied with the door hinged on the right. If left-hand door hinging is required, follow the instructions below.

- Open the appliance door.



- Use a screwdriver to lever plinth facing ① out, then pull it forwards and off.
- Use a screwdriver to remove cover ②, then close the door.
- Remove screw ③ completely.
- Pull door support ④ together with hinge pin ⑤ downwards, then tilt it forwards and take it off.
- Open the appliance door, tilt it downwards and take it off.

Refit all parts on the opposite side



- Remove the cover plate ①.
- Unscrew bearing block ② and refit it on the other side (see illustration).
- Unscrew upper hinge pin ③ using the spanner supplied, and refit on the opposite side.
- Place cover plate ① on the other side.
- Use a screwdriver to remove the spacer ④ and refit it on the opposite side.

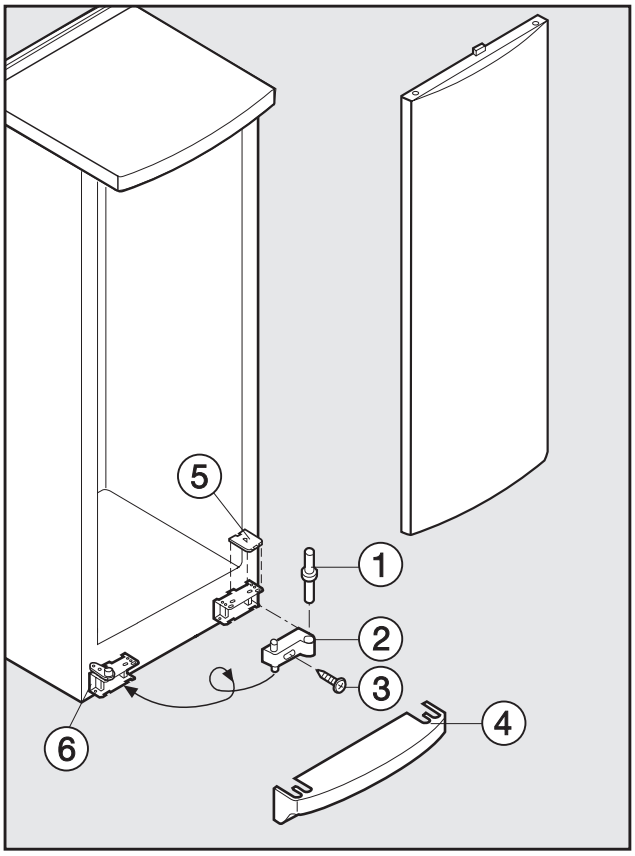
Changing over the door handle

- Detach cover ⑥ at the front and slide off to the side.
- Unscrew handle ⑦. Refit handle and stoppers ⑧ on the opposite side,
- Slide cover ⑥ into position making sure it engages correctly.

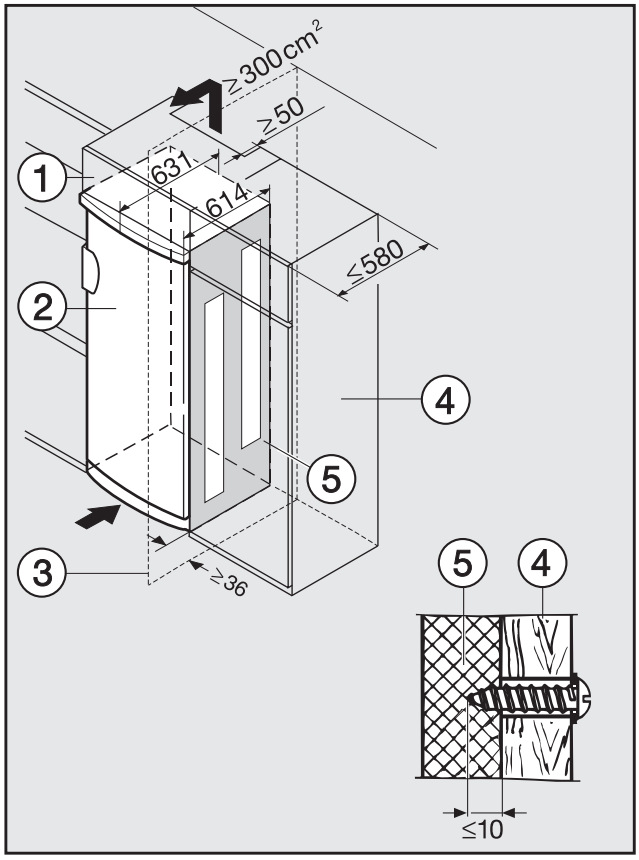
Refitting the door

- Remove plugs ⑤ from door bearing bushes in the appliance door and refit on the opposite side.
- Hang the door on hinge pin ③, and close the appliance door.

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



- Turn door support ② around, pull hinge pin ① out, and refit on the opposite side.
- Fit both parts into hinge plate ⑥. To do this push hinge pin ① through hinge plate ⑥ into door support ②. Swing door support out, push upwards and re-assemble with screw ③.
- Align the door with the appliance housing using the long slot in hinge plate ⑥. Then tighten screw ③.
- Refit plinth facing ④ pushing it firmly into position.
- With the lower door open, secure cover ⑤ to the front of the plinth facing.



The appliance can be installed into 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 for air to circulate.
The cross section of the air outlet must be at least 300 cm^2 to ensure that air can circulate without hindrance. Otherwise the appliance has to work too hard 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 ② will protrude in front of furniture fronts at the sides by 34 mm and by 51 mm in the middle of the door.

When **installed next to a wall** ③ a gap of approx. 36 mm is needed on the hinge side between the wall and the appliance, so that the door and the handle have sufficient space for opening.

When **secured to adjoining furniture** ⑤ **or if a spacer** is fitted between the appliance and the wall, please note the following:

- Ensure that the door has sufficient space for opening fully after the appliance has been secured.
- To secure the appliance to adjoining kitchen furniture use self tapping screws. The **depth** of the screw must not exceed **10 mm**.

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