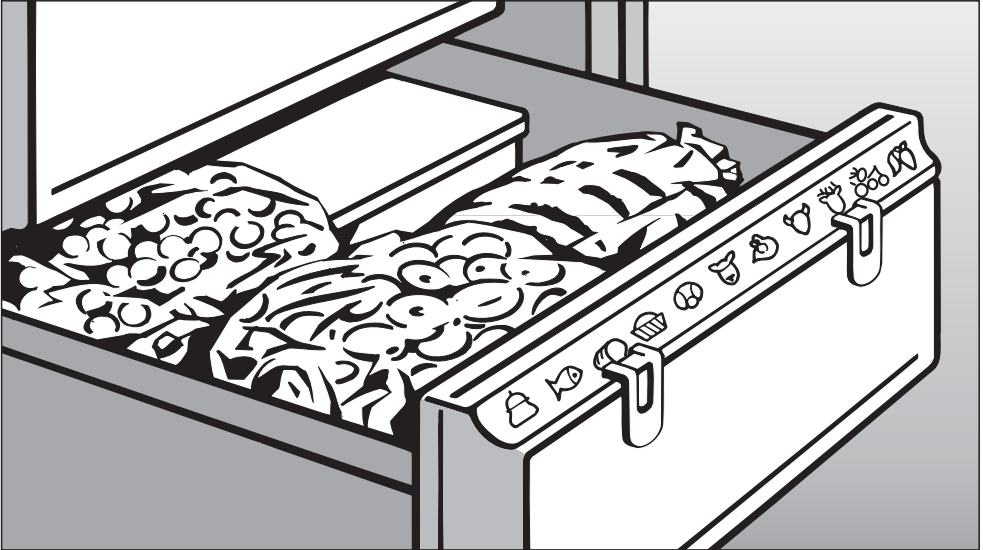


# Miele

## Operating and installation instructions



### Frost free freezer FN 4957 S ed-1

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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M.-Nr. 06 785 320

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# Guide to the appliance



- -15 °C
- -18
- -21
- -25
- -32



①

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③

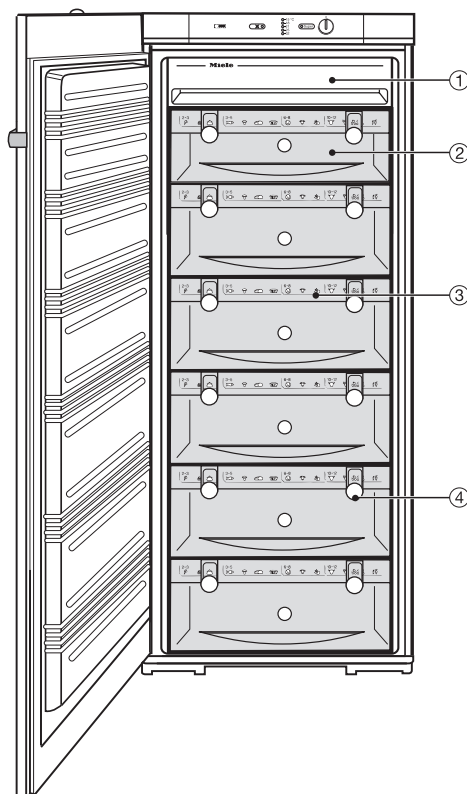
④

① Alarm off button and indicator light

③ Super freeze button and indicator light

② Temperature display

④ On/Off and temperature selector dial



① Frost free system

③ Freezer drawers with freezer calendar

② Freezer tray

④ Marker system for frozen food

### 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 that they are recycled.

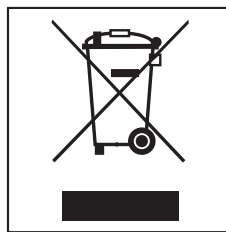
### Disposal of your old appliance

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

It should be unplugged or disconnected from the mains electricity supply by a competent person. The plug must be rendered useless and the cable cut off directly behind the appliance to prevent misuse. See the "Warning and Safety" section of this booklet for further details.

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 dispose of your old appliance at your local community waste collection / recycling centre and not with your household waste.



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

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

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

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

## Correct use

■ This appliance is intended for domestic use only, to store deep frozen food, freeze fresh food, and to make ice.

Any other usage is not supported by the manufacturer and could be dangerous. The manufacturer cannot be held liable for damage caused by incorrect or improper use of the appliance.

This appliance is not a toy! To avoid the risk of injury, do not allow children to play on or near it, or to play with the controls. Supervise its use by the elderly or infirm.

## Technical safety

■ 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, but does not have any adverse effect on the performance of the appliance. Care must be taken during the transportation and installation 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 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.

# Warning and Safety instructions

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■ 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 the 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 regularly tested. 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 may only be used in mobile installations such as ships, caravans, aircraft etc. if a risk assessment of the installation has been carried out by a suitably qualified engineer.

■ Installation work, maintenance and repairs may only be carried out by suitably qualified and competent persons in accordance with national and local safety regulations. 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 until after maintenance or repair work has been carried out.

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

- it has been switched off at the socket and the plug has been withdrawn.
- 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).

# Warning and Safety instructions

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## Use

■ Never handle frozen food with wet hands. Your hands may freeze to the frozen food. Danger of frost burn.

■ Do not take ice cubes out with your bare hands and never place ice cubes or ice lollies in your mouth straight from the freezer.

The very low temperature of the frozen ice or lollies can cause frost burn to the lips and tongue.

■ Do not allow children to play with the appliance, for example to climb inside the drawers or to swing on the door.

■ Do not refreeze thawed or partially thawed food.

Defrosted food should be used up as quickly as possible, as food soon loses its nutritional value and goes off.

Defrosted food may only be re-frozen after it has been cooked.

■ 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. To avoid the risk of food poisoning, follow the instructions given on the food manufacturer's packaging on the storage conditions required, as well as the "use by" date.

■ Do not store explosive materials in the appliance or any products containing propellants (e.g. spray cans). Thermostats switching on may produce sparks which could present a fire hazard. Flammable compounds could explode.

■ Do not use any electrical equipment in this appliance, e.g. ice cream makers. Danger of sparking and explosion!

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

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

■ Do not use sharp edged objects to

- remove frost and ice,
- separate frozen foods or remove ice trays. They will damage the evaporator, causing irreversible damage to the appliance.

■ 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 block the ventilation gaps in the appliance as this would impair the efficiency of the appliance, increase the electricity consumption and could cause damage to the appliance.



# Warning and Safety instructions

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

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.

Never use a steam-cleaning appliance to defrost or clean this appliance. Pressurised steam could reach 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 guarantee.

## Disposal of your old appliance

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.

Disconnect it from the mains. Cut off the cable and render any plug unusable.

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.

# How to save energy

	<b>Normal energy consumption</b>	<b>Increased energy consumption</b>
<b>Installation site</b>	In a ventilated room.	In an enclosed, unventilated room.
	Protected from direct sunlight.	In direct sunlight.
	Not situated near to a heat source (radiator, oven).	Situated near to a heat source (radiator, oven).
	Where the ambient room temperature is ideal at approx. 20°C.	Where there is a high ambient room temperature.
<b>Temperature setting with a thermostat which is approximate (set in stages).</b>	With a medium setting of 2 to 3.	With a high setting: The lower the temperature in the appliance, the higher the energy consumption.
<b>Temperature setting with a thermostat which is exact to the degree (digital display).</b>	Cellar section 8 to 12°C	On appliances with winter setting, please make sure that the winter setting is switched off when the ambient temperature is warmer than 16 °C.
	Refrigerator section 4 to 5 °C	
	StayFresh zone just above 0 °C	
	Freezer section -18°C	
<b>Use</b>	Only open the door when necessary and for as short a time as possible.	Frequent opening of the door for long periods will cause a loss of coldness.
	Store food in an organised way.	If food is not stored in an organised way, searching for an item will mean the door is open for longer.
	Allow hot food and drinks to cool down before placing them in the appliance.	Placing hot food in the appliance will cause the compressor to run for a long time, as the appliance will have to work harder to lower the temperature.
	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 over-fill the appliance to allow air to circulate.	

## How to save energy

	<b>Normal energy consumption</b>	<b>Increased energy consumption</b>
<b>Defrosting</b>	Defrost the freezer when a layer of ice one centimetre thick has built up.	A layer of ice hinders the cold from reaching the frozen food, and causes an increase in energy consumption.

# Switching on and off

## Before using for the first time

The stainless steel surfaces and the trim have a protective foil to prevent scratching during transportation.

- Do not remove this foil until the appliance has been installed or built in. Start at one of the upper corners.
- Wipe stainless steel surfaces over with a proprietary conditioning agent for stainless steel, such as Neoblank (available from the Miele UK Spare Parts Department). Follow the manufacturer's instructions on the label, and apply sparingly with an even pressure following the direction of the grain.
- 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 the correct functioning of the appliance, let it stand for between 1½ and 2 hours after transporting it to its final location before connecting it to the mains.

## Switching on



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

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

The alarm indicator will light up. It will go out when the temperature in the freezer is cold enough.

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

## Cool pack

Place the cool pack in the top drawer or, to save space, on the freezer tray. The cool pack will be at its most effective after it has been in the freezer for approx. 24 hours.

## Switching off

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

All the indicator lights will go out and the cooling system will switch 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 socket and withdraw the plug,
- 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.

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

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,
  - if too much fresh food is being frozen at once,
  - 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.

## Setting the temperature

The temperature is set with the temperature selector.



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

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

## Temperature display

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

If you want the temperature in the refrigerator to be -18 °C,

- turn the temperature selector clockwise from 0 until the -18°C LED lights up on the control panel.

The temperature can be set slightly colder within the displayed temperature range (e.g. between -15°C and -18 °C).

- Turn the temperature selector slowly in a clockwise direction e.g. from the -15°C LED position until the -18°C LED flashes briefly in the temperature display.

The temperature is now set in between -15°C and -18°C.

Your appliance has been fitted with a warning system which ensures that the temperature in the freezer cannot rise unnoticed. An alarm will sound and the alarm indicator light will flash if the temperature becomes too warm.

The alarm may sound and the alarm indicator light may flash,

- if you freeze a large amount of food at once without having switched on the Super freeze function beforehand.

Depending on the temperature in the freezer, you should check the condition of the food. If food has defrosted or started to defrost check that it is still safe to use, and if so, use it as quickly as possible. Defrosted food may only be re-frozen after it has been cooked.

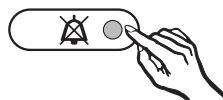
## Activating the alarm system

The alarm system is always active. It does not have to be switched on manually.

## Switching the alarm off early

The alarm will stop and the indicator light will go out when the temperature reaches the correct level again.

However, if the noise disturbs you, you can switch the alarm off before this if you wish.



- Press the alarm off button.

The alarm will stop. The indicator light will stay on until the correct temperature has been reached. The alarm system is then ready should it be needed again.

# Super freeze

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## Freezing fresh food

Fresh food should be frozen as quickly as possible. This way the nutritional value of the food, its vitamin content, appearance and taste are not impaired.

Food which takes a long time to freeze will lose more water from its cells, which then shrink.

During the defrosting process, only some of this water is reabsorbed by the cells; the rest collects around the food. In practice this means that the food loses a large degree of its moisture.

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

## Super freeze

Switch the Super freeze function on before putting fresh food into the freezer.

### Exceptions:

- when putting in food that is already frozen.
- when freezing up to 2 kg fresh food daily.

## Switching on Super freeze

When freezing small quantities of food in the freezer, the Super freeze function should be switched on **6 hours beforehand**. When freezing **the maximum load of food** the Super freeze function should be switched on **24 hours beforehand**.



- Press the Super freeze button. The Super freeze indicator light will come on.

The coldest temperature in the temperature display on the control panel will light up and the appliance works at full power to lower the temperature.

## Switching Super freeze off

The Super freeze function will switch off automatically after approx. 65 hours. The indicator light goes out and the appliance continues running at normal power.

The required temperature will then light up again in the temperature display.

To save energy the Super freeze function can be switched off once a **constant** temperature of  $-18\text{ }^{\circ}\text{C}$  or colder has been reached in the freezer. You should also check the temperature inside the appliance from time to time.

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



## Maximum freezing capacity

To ensure that fresh food placed in the freezer freezes through to the core as quickly as possible, the maximum freezing capacity must not be exceeded. The maximum freezing capacity for freezing within a 24-hour period is given on the data plate "Freezing capacity ....kg/24 hrs".

## Isolation plate

(depending on model, available as an optional accessory)

The isolation plate is used to isolate freezer drawers which you do not wish to use, and thus save energy. It should be used if only small amounts of food are being stored in the freezer.

## Important

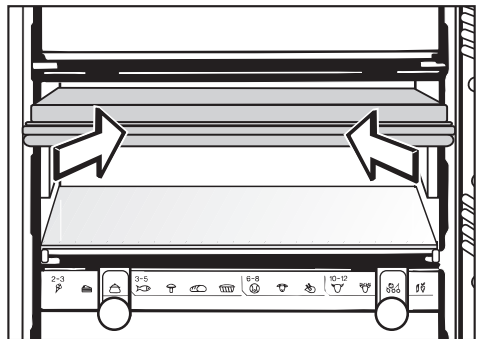
- At least 2 freezer drawers must be used for freezing food. The other drawers can be isolated if they are not needed.
- The drawers being used for freezing must always be at the top of the freezer.
- The isolation plate must be fitted **below** the lowest drawer in which food is being frozen.
- The fewer drawers you use, the more energy you will save. Using the isolation plate increases energy savings considerably.

Do not store food in the "inactive" drawers. The temperature is not controlled in these drawers and food stored in them would soon deteriorate.

## Example

If you only require 2 freezer drawers for storing frozen food:

- Place food in the top 2 freezer drawers, leaving the other drawers empty.



- Take out the third drawer down and push the isolation plate in **under** the second drawer.

This "switches off" (isolates) the drawers below.

# Freezing and storing food

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## Storing frozen food

When buying frozen food to store in your freezer, check

- that the packaging is not damaged,
- the use-by date,
- the temperature at which the frozen food is being stored in the shop. The length of time it can be kept is reduced if it has been stored at a temperature warmer than  $-18\text{ }^{\circ}\text{C}$ .
- Buy frozen food once you have finished the rest of your shopping, and wrap it in newspaper or use a cool bag or cool box to transport it.
- Store it in the freezer as soon as possible.

Never re-freeze partially or fully defrosted food. Consume defrosted food as soon as possible as it will lose its nutritional value and spoil if left for too long. Defrosted food may only be re-frozen after it has been cooked.

## Home freezing

Only freeze fresh food which is in a good condition.

### Hints on home freezing

- The following types of food **are suitable** for freezing:  
Fresh meat, poultry, game, fish, vegetables, herbs, fresh fruit, dairy products, pastry, leftovers, egg yolks, egg whites and a range of pre-cooked meals.
- The following types of food **are not suitable** for freezing:  
Grapes, lettuce, radishes, sour cream, mayonnaise, eggs in their shells, onions, whole raw apples and pears.
- To retain colour, taste and vitamin C, vegetables should be blanched after they have been trimmed and washed. To blanch: bring a large saucepan of water to the boil, immerse the vegetables in the fast boiling water for 2-3 minutes, depending on variety. Remove, and plunge into ice-cold water to cool quickly. Drain and pack ready for freezing.
- Lean meat freezes better than fatty meat, and can be stored for considerably longer.
- To prevent chops, steaks, cutlets or rolled meat from freezing together in solid blocks when packed, separate with a sheet of plastic freezer film.

# Freezing and storing food

- Do not season fresh foods or blanched vegetables before freezing. Only season cooked food lightly before freezing, but care should be taken as the taste of some spices alters when frozen.
- Do not place hot foods or drinks in the freezer. This causes already frozen food to thaw, and increases the energy consumption considerably. Allow hot foods and drinks to cool down before placing them in the freezer.

## Packing

- Freeze food in portions.

### Unsuitable packing material

- wrapping paper
- grease-proof paper
- cellophane
- bin bags
- plastic carrier bags

### Suitable packing material

- plastic freezer film
  - freezer bags
  - aluminium foil
  - freezer containers
- Expel as much air as possible from bags etc. before sealing them, to prevent freezer-burn on food.
  - Close the packaging tightly with
    - rubber bands
    - plastic clips
    - string or bag ties
    - freezer tape.

Freezer bags may also be sealed using home heat sealing kits.

- Make a note of the contents and the date of freezing on the packaging.

## Before placing food in the freezer

- When freezing more than 2 kg of fresh food, switch on the Super freeze function for some time before placing the food in the freezer (see "Super freeze").

## Placing food in the freezer

Fresh food can be placed in any drawer for freezing, however it is preferable to use the upper drawers.

Large quantities can be placed directly onto the glass cold plates to freeze the food quickly. To do this first take out one or more freezer drawers.

The bottom drawer must not be taken out of the appliance.

Each drawer and glass cold plate can be loaded with a maximum of 25 kg.

If you remove a freezer drawer make sure that you do not block the ventilation slits in the back wall of the appliance. They are important for trouble-free operation of the appliance.

When freezing large items e.g. a turkey or a large joint of meat, the glass plate in between two of the freezer drawers can be removed to give more room. This way food can be stored in the space of two drawers.

- Place the food flat in the bottom of the drawers or on the glass cold plates so that it freezes through to the core as quickly as possible.

# Freezing and storing food

- Make sure that the packaging and containers are dry to prevent them sticking together when frozen.

When freezing, make sure that food already frozen does not come into contact with fresh food being frozen as this could cause the frozen food to begin to defrost.

## Freezer calendar

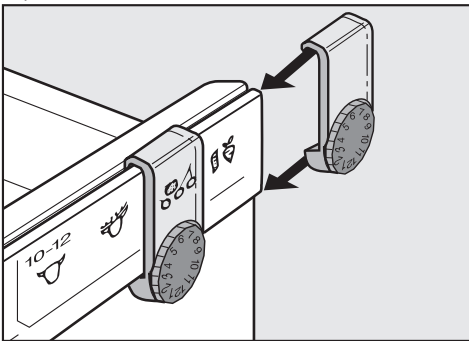
The freezer calendar on the freezer drawer gives the length of time which various foods can be stored for effectively.

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

## Marker system for frozen food

The marker system serves as a reminder of how long food has been stored.

Each freezer drawer has two slide markers with dials. The months are represented on the dials as 1 – 12.



- Slide the markers onto the guide runners on the edge of the drawers.

Use the markers to indicate the type of food being frozen, and turn the dials to the appropriate number to show the month in which it was first placed in the freezer.

## Defrosting

Frozen food can be defrosted in different ways:

- in a microwave oven,
- in an oven using the "Fan" or "Defrost" setting,
- at room temperature,
- in the refrigerator (the cold given off by the frozen food helps to keep the food cold),
- in a steam oven.

**Poultry** It is particularly important to observe food hygiene rules when defrosting poultry. Do not use the liquid from defrosted poultry. Pour it away and wash the container it was in, the sink and your hands. Danger of salmonella poisoning.

**Fruit** should be defrosted at room temperature in its packing, or in a covered bowl.

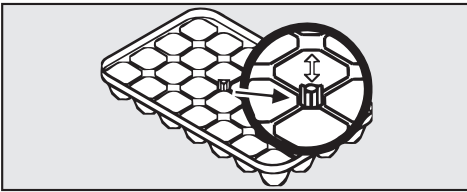
**Most vegetables** can be cooked while still frozen. Just put straight into boiling water or hot fat. The cooking time is slightly less than that of fresh vegetables due to changes in the cell structure.

# Freezing and storing food

Never re-freeze partially or fully defrosted food. Consume defrosted food as soon as possible as it will lose its nutritional value and spoil if left for too long. Defrosted food may only be re-frozen after it has been cooked.

## Ice cube tray

(with or without release button, depending on model)



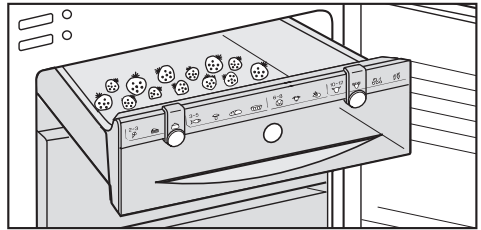
- Press down the release button on the ice cube tray and fill the tray with water. Any excess will flow out through the outlet.
- Now pull the release button up to seal the ice cube tray. Place the tray on the bottom of one of the freezer drawers.
- Once frozen, use a blunt instrument, for example a spoon handle, to remove the ice tray from the freezer.
- Ice cubes can be removed easily from the tray by twisting the tray gently or by holding it under cold running water for a short while.

## Cooling drinks

When cooling drinks quickly, make sure bottles are **not left in the freezer for more than one hour**, as they could burst.

## Freezer tray

The freezer tray is useful for freezing small items such as berries and vegetables. They can be frozen individually and therefore maintain their shape when defrosted.



- Space the food out loosely on the tray.

Leave food for 10 - 12 hours to freeze thoroughly on the tray. Transfer it to a freezer bag or suitable container once frozen. Place the bag or container in the freezer drawer.

# Freezing and storing food

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## Cool pack

The cool pack prevents the temperature in the freezer rising too quickly in the event of a power cut.

Place the cool pack in the upper drawer directly on top of food, or in the freezer tray to save space. The cool pack will be at its most effective after it has been in the freezer for approx. 24 hours.

If there is a power cut, place the cool pack directly on top of the frozen food in the upper drawer so that the food will be kept cold for as long as possible.

When placing fresh food in the freezer, use the cool pack to separate the fresh food from the food which is already frozen so that the frozen food does not begin to thaw.

The cool pack can also be used in a cool bag to keep food or drinks cool for a short period of time.

This freezer is equipped with a Frost free system. The freezer defrosts automatically.

The moisture generated by defrosting collects in the condensor and is automatically dissipated by the condensor from time to time.

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

# Cleaning and care

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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.

Stainless steel surfaces can be treated using a proprietary conditioning agent for stainless steel such as Neoblank (available from the Miele UK Spare Parts Department). Follow the manufacturer's instructions on the packaging.

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

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.

- Switch the appliance off, switch off at the wall socket and remove the plug. Take any food out of the appliance and store it in a suitable cool place (e.g. cool-box or another freezer). Remove all the freezer drawers from the appliance.

## Cleaning the outer casing, the interior and accessories

Use warm water with a little washing up liquid. Wash all accessories and drawers by hand only. Do not wash in a dishwasher.

- 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.

## E-Cloth

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

## 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.



### 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

- Close the appliance door, insert the plug in the socket and switch the appliance back on.
- Switch on the Super freeze function so that the freezer can cool down quickly.  
The indicator light will come on.
- Once the temperature in the freezer has reached the required temperature, place the food back in the freezer drawers and put them back in the freezer.
- Switch off Super freeze by pressing the Super freeze button when the temperature in the freezer is a constant -18 °C or colder.  
The indicator light will go out.

# Problem solving guide

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

Some minor problems can be corrected without contacting the Miele Service Department.

## What to do if . . .

### . . . the appliance does not get cool.

- Make sure that the temperature selector is not pointing to the "0" position.
- Check that the plug is correctly inserted in the socket and switched on.
- Check that the fuse is not defective and that the mains fuse has not blown. If it has, contact the Miele Service Department.

### . . . the door will not open because it has been opened and closed too many times in succession.

This is not a fault. The suction caused by opening and closing the door is preventing the door from opening. Wait a few minutes and then try again. It should now open without force.

### . . . the temperature is too low.

- Turn the temperature selector to a setting closer to "0".
- Super freeze has not yet switched itself off. The Super freeze function switches itself off automatically after approx. 65 hours.

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

- Check whether the ventilation gaps have been covered over or become dusty.
- Check whether the metal grille (heat exchanger) at the rear of the appliance has become dusty.
- The door has been opened too frequently, or a large amount of fresh food has been put in at once for freezing.
- Check that the door has been closed properly.

### . . . the alarm sounds and the alarm indicator light flashes.

The temperature in the freezer is too warm, because

- a large amount of food has been frozen at once without switching on the Super freeze function. The alarm will stop and the indicator light will go out when the temperature has reached the correct level again.
- the compressor is faulty. Call the Service Department.

Depending on the temperature in the freezer, you should check the condition of the food. If food has defrosted or started to defrost check that it is still safe to use, and if so, use it as quickly as possible. Defrosted food may only be re-frozen after it has been cooked.

**... the Super freeze indicator light and the temperature display are both flashing at the same time.**

There is a fault. Call the Service Department.

**... the Super freeze indicator light does not light up, even though the appliance is working.**

- The indicator light is defective. Call the Service Department.

**... food has frozen together.**

Use a blunt instrument, e.g. a spoon handle or plastic scraper, to prise it apart carefully.

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

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 air circulating 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:</b> Realign the appliance using a spirit level, by raising or lowering the screw feet underneath the appliance.
	<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.

## After sales service

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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 your Dealer or the Service Department, please quote the model and serial number of your appliance. This information is given on the data plate.

Please note that telephone calls may be monitored and recorded for training purposes.

# Electrical connection

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## Electrical connection U.K.

All electrical work should be carried out by a suitably qualified and competent person in strict accordance with current local and national safety regulations (BS 7651 in the UK).

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.

Please ensure that the connection data quoted on the data plate 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 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.

## Non-rewireable plugs (BS 1363)

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).

Replacement fuses should be ASTA approved to BS 1362 and have the correct rating. Replacement fuses and fuse covers may be purchased from your local electrical supplier.

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

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.

## Climate range

The appliance is designed for use within certain climate ranges (ambient temperatures), and should not be used outside this range. The higher the ambient temperature of the room, the more energy the appliance requires to operate.

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	+18°C to +38°C
T	+18°C to +43°C
SN-ST	+10°C to +38°C
SN-T	+10°C to +43°C

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

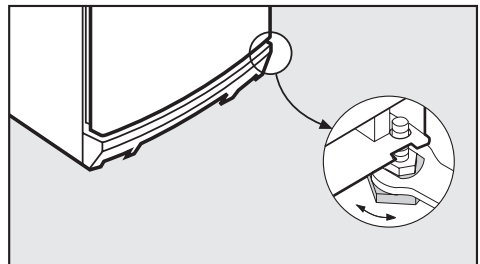
## Ventilation

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

## Installation

- Remove any cable clips 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. The appliance can be placed directly against a wall.

## Aligning the appliance



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

# Installing in a side-by-side combination

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

However, this appliance has side wall heating, and can be installed side-by-side with certain other Miele appliances.

Your dealer will be able to advise you on which models are suitable.

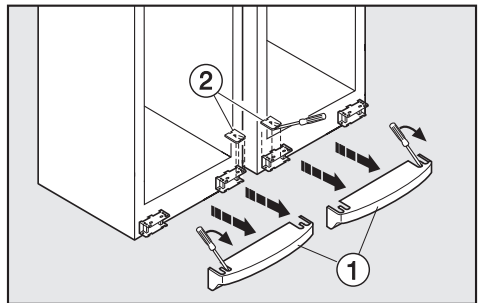
## Installation

- This appliance must be installed to the left of any refrigerator when viewed from the front. The side wall heating in the right-hand wall is insulated to prevent the build-up of condensation between the two appliances.
- Place the two appliances as close as possible to their final position so that they can be aligned for any unevenness in the floor. The back of the appliances still needs to be kept accessible to complete the installation.

## Joining the two appliances together

You will need a spirit level, spanners, a torque screwdriver and a socket wrench.

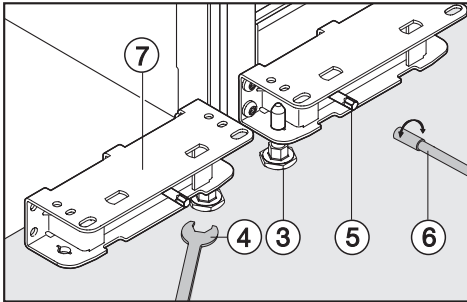
- Before starting, peel off any protective foil from appliance.
- Place the appliances next to one another so that the fronts are aligned, leaving a gap of 10 mm between them.



- Open the appliance doors, and use a screwdriver to lever plinth facings ① out, then pull them forwards and off.
- Use a screwdriver to remove covers ②.

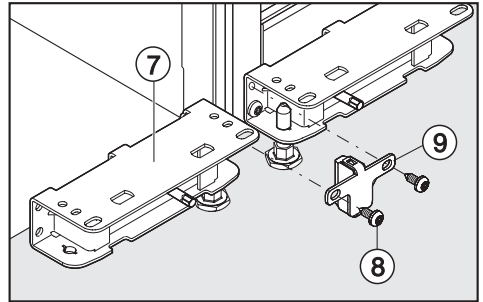


## Installing in a side-by-side combination



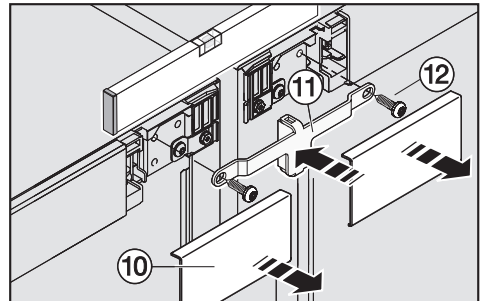
- Align both appliances using a spirit level.
- Align front feet (3) using a spanner (4).
- Align the back feet using adjusting device (5) and socket wrench (6). Turn the adjusting device clockwise to raise the appliance up at the back.
- Close the doors to check whether the door handles are correctly aligned with one another.

Make sure that bearing blocks (7) are aligned with one another. If they are not, the covers will not fit properly.



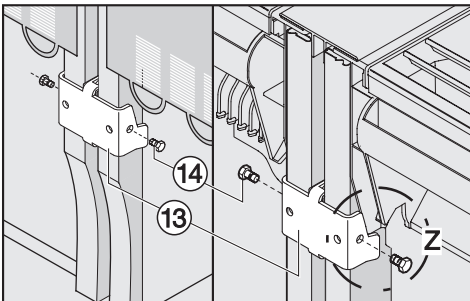
- Remove top screws (8) from bearing blocks (7).
- Loosely attach lower bracket (9) with screws (8).
- Push the two appliances together, and align them again.
- Now tighten screws (8).

Do not move the appliances until all the brackets are securely fitted.



- Remove covers (10) from both appliances.
- Loosely attach large upper bracket (11) using long screws (12).
- Push the two appliances together, and align them again.
- Now tighten the screws (12).

## Installing in a side-by-side combination



- Position wide brackets ⑬ at the top and bottom on the back, and push the top bracket upwards until it is in the correct position (z).
- Secure the brackets at the sides using screws ⑭.

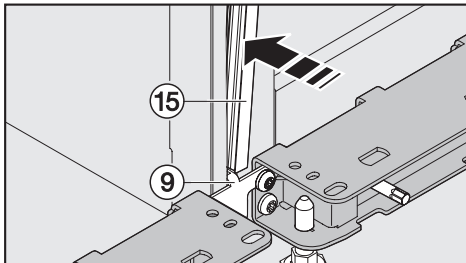
To avoid vibrations, neither the brackets nor the screws should touch the pipework on the back of the appliances.

- Plug the two appliances into the mains electricity supply points.

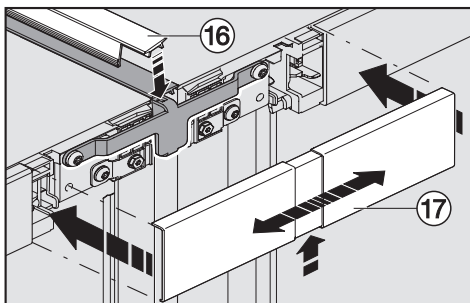
Appliances with integrated ice-maker (depending on model): Plumb the appliance into the mains water supply.

- Carefully push the two appliances back into their final position. It is easier if you raise the appliances at the front, and roll them back on their rear rollers.

The height of the appliances can be aligned again if necessary.



- Position the long stainless steel trim ⑮ lightly in the gap, making sure that it is located above bracket ⑨.
- Then push it carefully into the gap. Use a soft cloth to do this to avoid denting the trim.
- Carefully remove the protective foil from the stainless steel trim.

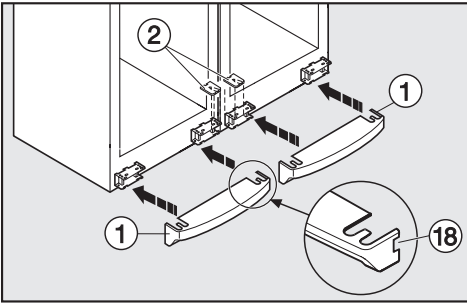


- Push short trim ⑯ into the gap at the top. Make sure that the gap in the trim faces the front. The trim must sit flush with the top of the appliances at the front.

# Installing in a side-by-side combination

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- Fit cover ⑰ in the space between the control panels. Make sure that the outer edges of the cover are flush with the control panels. The cover can be pulled out to adjust it to the right size.  
The gap in the cover must face downwards to fit properly over the stainless steel trim.



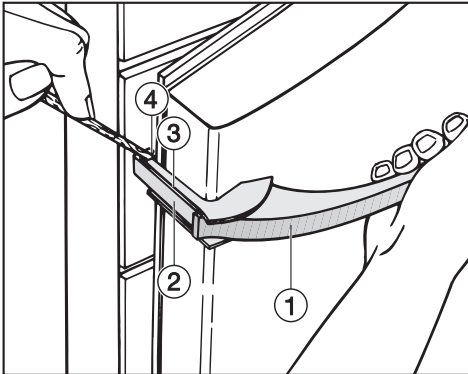
- Break off thin tags ⑱ from plinth facings ①. Important: Make sure you remove these from the correct side - i.e. from the handle side of the appliances.
- Refit plinth facings , pushing firmly into position.
- Refit covers ②.

# Changing the door hinging

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

## Removing the door handle:

First the side section of the handle must be removed:



- Pull door handle ① towards you. Side section ② slides back, creating a gap ④ between side section ② and mounting plate ③.
- Place a suitable object (e.g. a spoon handle) in gap ④, and slowly lever the handle towards the door.

Be careful not to let the "spoon handle" slip, causing damage to the appliance.

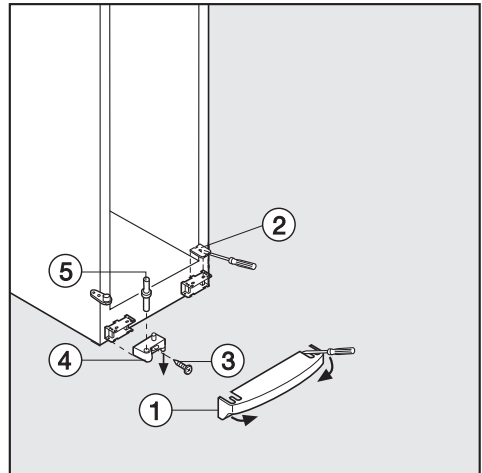
The side section ② can now be removed.

- Pull side section ② out of the guides on the mounting plate.
- Loosen the 4 screws (Torx 15) in the mounting plate, and remove the handle.

- Remove the cover caps from the opposite side, and fit them into the empty holes.

## Changing over the door:

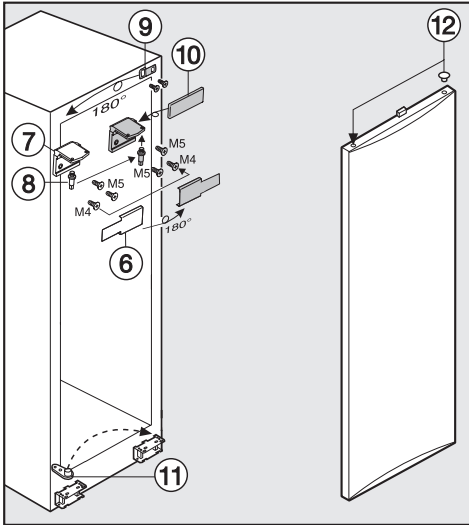
- Open the appliance door.



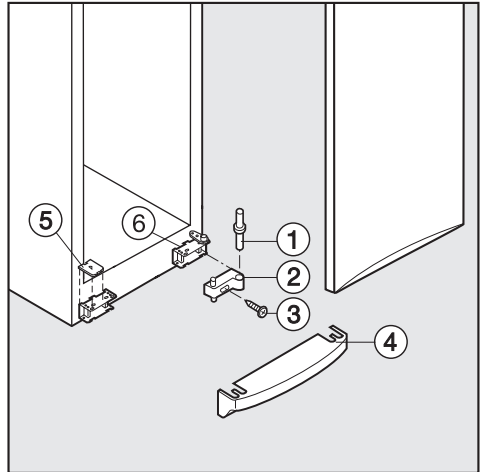
- Use a screwdriver to lever plinth ① out, then pull it forwards and out.
- Use a screwdriver to remove cover ②, then close the door.
- Remove screw ③ completely.
- Pull door support ④ together with bearing bolt ⑤ downwards, then tilt it forwards and take it off.

## Changing the door hinging

- Open the door, tilt it downwards and take it off.



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



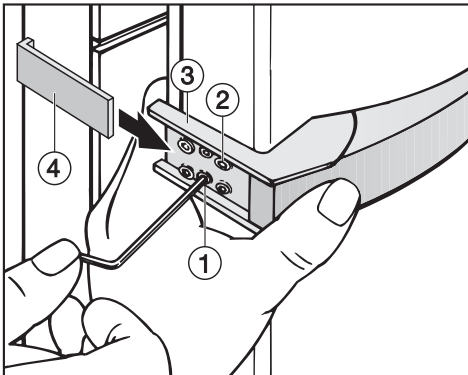
- Remove cover ⑥, and unscrew hinge bracket ⑦.
  - Fit bearing bolt ⑧ in the second hole of hinge bracket ⑦.
  - Refit bracket ⑨ and cover ⑩ turned through 180° on the opposite side.
  - Screw hinge bracket ⑦ into the opposite side.  
The **M4 screw** has to be screwed into the left hole of the hinge bracket.
  - Turn cover ⑥ through 180°, and fit it on the other side.
  - Remove spacer ⑪ with a screwdriver and refit it on the opposite side.
  - Remove plug ⑫ from the door bearing bush in the door and refit on the opposite side.
  - Hang the door on bearing bolt ⑧ and then close the appliance door.
- Turn door support ② through 180°, pull bearing bolt ① out, and then fit both parts into bearing block ⑥:  
To do this push bearing bolt ① the other way round through bearing block ⑥ into door support ②. Swing the door support in, push upwards and re-assemble with screw ③.

# Changing the door hinging

- Align the door with the appliance housing using the long slot in bearing block ⑥. Then tighten screw ③.
- Refit plinth facing ④, pushing it firmly into position.
- With the door open, position cover ⑤ in the front of the plinth facing, and push it firmly into position.

## 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.



- 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 the allen key provided 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.

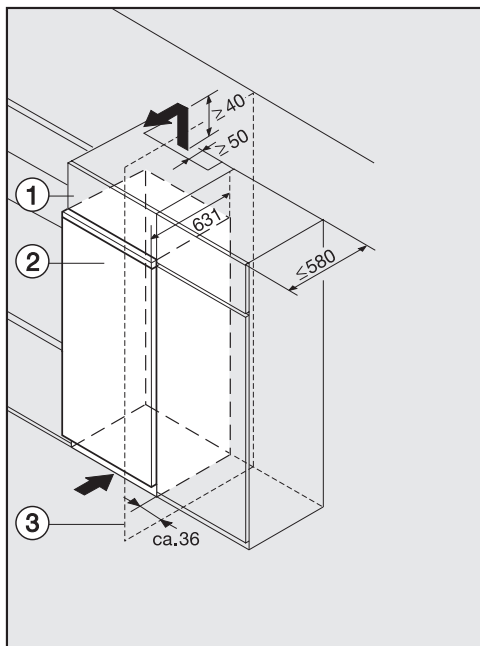
It is important to check that the side section of the handle ④ does not come into contact with the door seal when opening the door, as this would damage the door seal permanently.

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.

## Building in the appliance

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



**600 mm wide appliances** 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 and top box, if fitted, for air to circulate.

A gap of at least 40 mm is required between the top of the appliance (or top box) and the ceiling to ensure that air can circulate without hindrance.

Otherwise the appliance has to work harder, resulting in an increase in electricity consumption.

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. This enables the doors to be opened and shut without being obstructed.

When **installed next to a wall** ③ a distance 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.

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