

Miele

Operating and installation instructions



Fridge/freezer combination with ice cube maker NoFrost system and DynaCool KFN 9855 iDE

To avoid the risk of personal injury or damage to the appliance, it is **essential** that you read these operating and installation instructions **before** installation and use.

en - CA

M.-Nr. 09 634 400

Contents

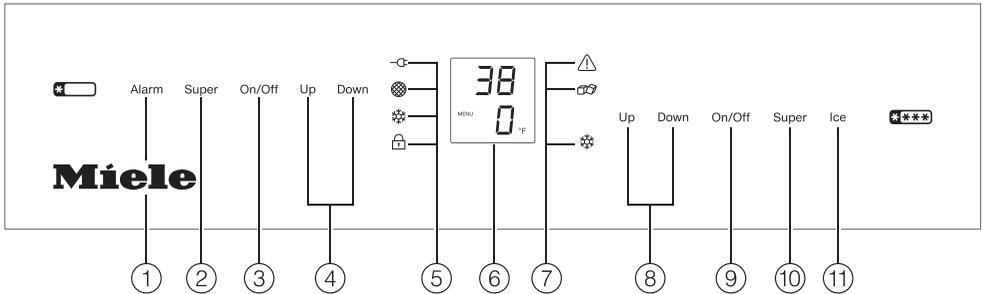
Guide to the Appliance	5
Included accessories	7
Optional accessories	7
Safety Instructions and Warnings	8
How to save Energy	15
Turning the Appliance On and Off	17
Before first use	17
Operating the appliance	17
Turning the appliance on	17
Turning the appliance off	18
Switching off for longer periods of time	18
The Right Temperature	19
. . . in the refrigerator	19
Automatic cold air circulation (DynaCool)	19
. . . in the freezer	19
Temperature display	20
Setting the temperature for the refrigerator and freezer	20
Using Super Cool	22
Using Super Freeze	23
Temperature and Door Alarm	24
Additional Settings	26
Sabbath mode 5	26
Safety lock c	27
Temperature unit (Fahrenheit or Celsius) a	28
Brightness of the display h	29
Lower hinge heating control H	30
Using the Refrigerator Efficiently	31
Different storage zones	31
Food that should not be stored in a refrigerator	32
When shopping for food	33
Storing food correctly	33
Fruit and vegetables	33
High-protein foods	33
Arranging the Interior - Refrigerator Section	34
Adjusting the shelves	34
Shelf above the fruit and vegetable drawers	34
Fruit and vegetable drawers	3

Adjusting the door shelf / bottle shelf	35
Adjusting the bottle divider	35
Freezing and Storing Food	36
Maximum freezing capacity	36
Freezing fresh food	36
Storing frozen food	37
Home freezing	37
Placing food in the freezer	38
Thawing frozen foods	39
Cooling drinks quickly	39
Making Ice Cubes	40
Turning the ice cube maker on	40
Setting the water quantity for the ice cube tray <i>E</i>	41
Arranging the Interior - Freezer Section	43
Freezer drawers	43
Adjusting the separators	43
Removing the freezer drawer containers	44
Defrosting	45
Refrigerator section	45
Freezer section	45
Cleaning and Care	46
Cleaning agents	46
Before cleaning	47
Cleaning the interior and accessories	47
Cleaning the ice cube tray	48
Setting the ice cube maker to the vacation state for cleaning <i>I</i>	48
Door seal	49
Ventilation slits	49
Cleaning the air filter 	50
Resetting the air filter indicator  <i>n</i>	51
Problem Solving Guide	52
Noises	61
Customer Service / Warranty	62
Warranty time and terms	62
Information for Test Facilities	63
Caring for the Environment	66

Contents

Installation Information	67
Location	67
Climate class	68
Installation niche	68
Niche floor	68
Adjoining furniture/units	68
Door hinge	68
Proper ventilation	69
Installation Dimensions	70
Opening angle of the door	71
Niche Dimensions	72
Door Swing Clearance	73
Planning the Water Connection	74
Information Concerning the Cabinet Front	75
Inset installation style	75
Frameless installation style	76
Installing the Appliance	77
Before installation	77
Installing the anti-tipping brackets	77
Installation of the anti-tipping bracket in a cabinet of more than 25" depth.	79
Fastening the covers	79
Pushing the appliance into the niche	80
Aligning the appliance	80
Securing the appliance in the niche	81
Aligning the appliance door	81
Aligning the drawer front	82
Install the base cover with the ventilation slits	82
Removing the mounting rails	84
Installing the mounting rails on the furniture front / furniture covers	85
Installing the furniture front on the appliance door	85
Aligning the furniture front	86
Installing the furniture covers on the freezer drawers	89
Plumbing	90
Connecting the water supply	91
Electrical Connection	93

Control panel



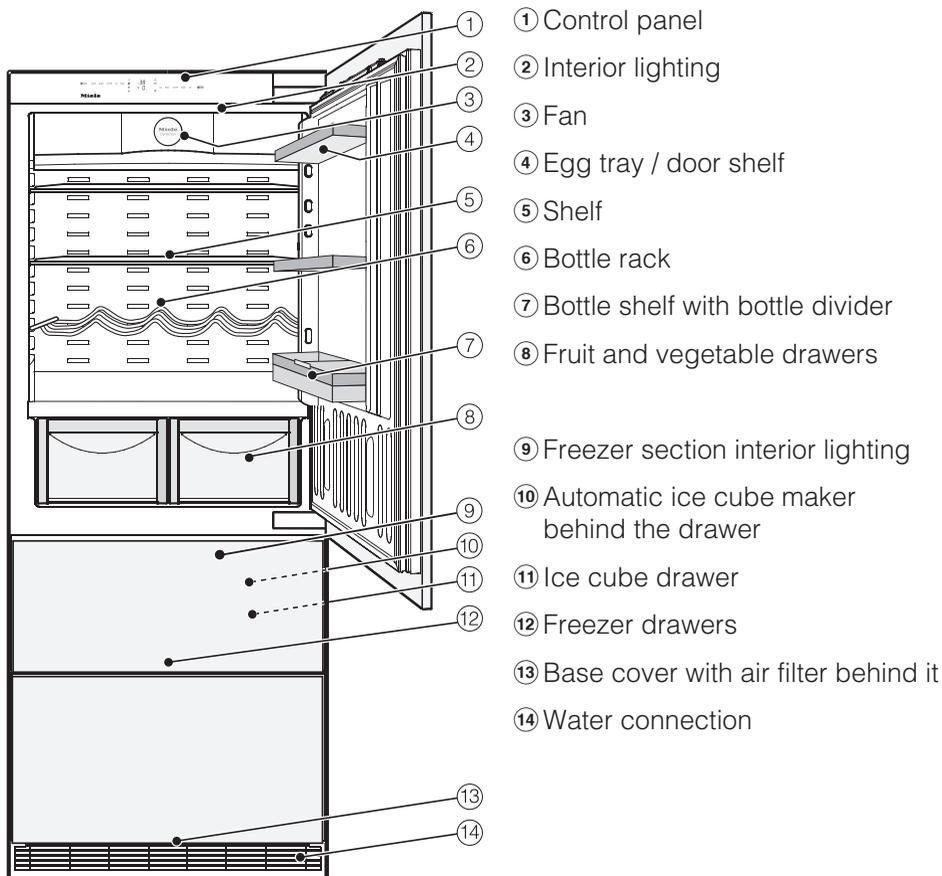
Refrigerator section

- ① Alarm-off button for silencing the door alarm, or the temperature alarm of the freezer section
- ② Button for switching Super Cool on and off ❄️
- ③ Button for switching the refrigerator section on and off
- ④ Button for setting a higher or lower temperature in the refrigerator section
- ⑤ Indicator lights:
 - ⚡ Electrical power failure
 - 🌀 Air filter dirty
 - ❄️ Super Cool is on
 - 🔒 Safety lock is on
- ⑥ Temperature display (top for refrigerator section, bottom for freezer section) and symbol display (only visible in the settings mode *MENU*; see "More settings")

Freezer section

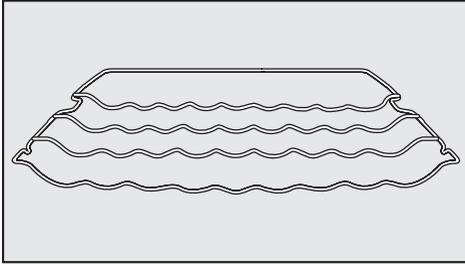
- ⑦ Indicator lights:
 - ⚠️ Temperature alarm for the freezer section
 - 🧊 Ice cube maker is on
 - ❄️ Super Freeze is on
- ⑧ Button for setting a higher or lower temperature in the freezer section
- ⑨ Button for switching the freezer section on and off
- ⑩ Button for switching Super Freeze on and off ❄️
- ⑪ Button for switching the ice cube maker on and off 🧊

Guide to the Appliance



Included accessories

Bottle rack



The bottle rack allows you to store bottles horizontally, which saves space.

The bottle rack can be used at several locations in the appliance.

Care of stainless steel

The stainless steel cleaning cloth is soaked with the stainless steel conditioner. It has the same cleaning and protective characteristics as the stainless steel conditioner.

Optional accessories

Bottle rack

(see "Included accessories" for a description)

Care of stainless steel

- Each application of the stainless steel conditioner forms a durable protective film that is stain- and water-repellent. It gently removes water marks, fingerprints and other stains for a uniformly shiny surface.
- The stainless steel cleaning cloth (see "Included accessories" for a description)

All-purpose microfibre cloth

The microfibre cloth helps remove fingerprints and light soiling on surfaces made of stainless steel, appliance covers, windows, furniture, car windows, etc.

Optional accessories are available from Miele Customer Service, your Miele dealer or online.



www.miele-shop.com

Safety Instructions and Warnings

This appliance complies with all applicable safety laws and regulations. However, improper use can result in personal injury and material damage.

Before using the appliance for the first time, carefully read the operating and installation instructions. They contain important information on installation, safety, operation and care. This will protect you from injury and prevent damage to the appliance.

Miele will not be held liable for damage caused by failure to comply with these instructions.

Keep the instructions in a safe place and pass them along to any future owner!



Risk of injury!

This appliance is very heavy and can tip forwards when the door is open. Keep the appliance door shut until the appliance has been installed and secured in accordance with these operating and installation instructions.

Intended use

► This appliance is intended for use in domestic households and similar residential environments.

This appliance is not intended for outdoor use.

► Use this appliance only under normal household conditions for cooling and storing food, storage of frozen foods, for freezing fresh foods and for making ice. The appliance must not be used for any other purpose.

Safety Instructions and Warnings

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

▶ Individuals who are incapable of using the appliance safely because of their physical, sensory or mental capabilities or their lack of experience or knowledge must not use this appliance without supervision or instruction by a responsible person. These individuals must only be allowed to use the appliance without supervision if its operation has been explained to them in such a way that they can safely use it and understand the hazards involved.

Safety with children

▶ Children under 8 years of age must be kept away from the appliance unless they are under constant supervision.

▶ Children 8 years and older may only be allowed to use the appliance without supervision if its operation has been explained to them in such a way that they can safely use it. They must be able to recognize and understand the potential hazards of improper operation.

▶ Children must not clean or service the appliance unless they are under supervision.

▶ Supervise all children in the vicinity of the appliance. Do not allow children to play with the appliance.

▶ Danger of suffocation! Packaging, e.g. cling film, must be kept out of the reach of children. Children could become entangled in packaging or pull it over their heads and suffocate. Keep the packaging away from children.

Safety Instructions and Warnings

Technical safety

▶ The coolant circuit has been tested for leaks. The appliance fulfills all the applicable safety regulations.

▶ This appliance contains the coolant R134a, which is an environmentally acceptable, non-flammable hydrofluorocarbon (HFC). It does not damage the ozone layer. For more information on the coolant, refer to the information plate posted on the inside of the refrigerator section. When transporting and installing the appliance, care must be taken not to damage any part of the cooling system.

If damage does occur:

- unplug the appliance from the socket,
- air the room where the appliance is, for several minutes,
- contact Miele Customer Service for advice.

▶ To protect the refrigerator from possible damage, take care that it always remains in an upright position. Any time it is moved or installed, always let it stand for 30 to 60 minutes before plugging it in. This allows the coolant and lubricant to settle down, which is essential for proper operation.

▶ Before connecting the appliance, make sure that the connection data on the data plate (fuse rating, voltage and frequency) matches the electrical power supply.

This data must correspond in order to avoid damage to the appliance. If in doubt, consult a qualified electrician.

▶ The electrical safety of this appliance can only be ensured if it has been properly grounded in compliance with the applicable safety regulations. It is most important that this basic safety requirement is observed. If there is any doubt about the grounding of your household wiring, have it inspected by a qualified electrician.

▶ If the power cord is damaged it must be replaced by an authorized Miele technician in order to avoid any danger to the user.

Safety Instructions and Warnings

- ▶ Multiple power outlets or extension cords are not safe (risk of fire). Do not use them to connect the appliance to the electrical power supply.
- ▶ Do not use the appliance in areas where there may be moisture or splashing water (e.g. car sheds, laundry rooms, etc.) Moisture can reach the electrical components and cause a short circuit.
- ▶ This appliance is not to be used in mobile locations such as ships.
- ▶ A damaged appliance can be dangerous. Before installing the appliance, check for visible damage. Do not operate a damaged appliance.
- ▶ To ensure safe operation, use the appliance only when it is installed.
- ▶ The appliance must be isolated from the electrical power supply during installation, maintenance and repair work or work on the water supply. The appliance is only completely disconnected from the electricity supply when:
 - the respective circuit breaker at the electrical service panel is tripped,
 - the respective fuse is removed, or
 - the power cord is pulled.
Pull on the plug and not on the cord when removing it from the outlet.
- ▶ Improper installation, repair and maintenance work or work on the water supply can be dangerous for the user of the appliance. Installation, repair and maintenance work or repairs on the ice cube maker should only be performed by a Miele authorized technician.
- ▶ Repairs not performed by a Miele authorized service technician will void the warranty.

Safety Instructions and Warnings

- ▶ Only with original Miele spare parts can the manufacturer guarantee the safety of the appliance. Defective components should only be replaced with parts from Miele.
- ▶ Miele will not be held liable for damage resulting from a faulty connection to the water supply.
- ▶ The ice cube maker is not intended to be used with a hot water supply line.

Proper use

- ▶ The appliance is designed for use within a certain climate range (room temperature range) and should not be used outside this range.
The climate range is specified on the data plate inside the appliance. If the room is too cold, it will cause the cooling system to remain off for too long so that the temperature in the appliance rises.
- ▶ The ventilation cross-sections must not be blocked or covered in any way.
This interferes with proper air supply to the appliance. This in turn causes increased energy consumption and may also result in damage to appliance components.
- ▶ If you store fatty or greasy foods in the appliance or the appliance door, make sure that no oil or grease leaks onto the plastic parts of the appliance.
This can cause the plastic to crack and break.
- ▶ Never store explosive materials or products with flammable propellants (spray cans, for example) in the appliance. The electric components can ignite the flammable gas. Fire and explosion hazard!

Safety Instructions and Warnings

- ▶ Do not operate any electrical devices in the appliance (soft ice cream maker, for example). This could cause sparking. Risk of explosion!
- ▶ Do not use the freezer section for storing cans or bottles that contain carbonated beverages or liquids that could freeze. The cans or bottles could burst.
Risk of personal injury or damage to the appliance!
- ▶ High-proof alcohol should be stored upright in tightly closed bottles in the refrigerator section. Danger of explosion!
- ▶ Bottles that are put in the freezer for quick cooling must be removed within one hour. Otherwise, they could burst. Risk of injury and damage to the appliance!
- ▶ Do not handle frozen items or metal parts when your hands are wet. Your hands could freeze to the items. Risk of injury!
- ▶ Never put ice or popsicles in your mouth immediately after taking them out of the freezer.
Your lips or tongue could freeze to the item. Risk of injury!
- ▶ Never re-freeze partially or completely thawed food. Thawed food should be used promptly, before it loses nutritional value or spoils. However, once it has been cooked, thawed food can be refrozen.
- ▶ Eating food stored for too long can cause food poisoning. The storage life depends on many factors, including the quality of the food, how fresh it is, and the storage temperature. Always observe the food producer's recommended storage instructions and best before dates.
- ▶ Use only original Miele spare parts. Adding or installing other parts will void any warranty and/or product liability claims.

Safety Instructions and Warnings

Cleaning and care

▶ Do not use any oil or grease on the door seals. They can cause the seals to deteriorate over time.

▶ Never use a steam cleaner to clean the appliance. The steam can reach the electrical components and cause a short circuit.

▶ Never use a pointed or sharp-edged object to

- remove frost or ice,
- or to detach food items frozen to the walls.

This will damage the evaporators, causing irreversible damage to the appliance.

▶ Never place candles or electric heaters in the appliance to defrost it. This will damage the plastic.

▶ Do not use defrosting sprays or de-icers. They may contain substances that can damage the plastic or that could cause a build-up of explosive gasses or pose a health hazard.

Disposal of your old appliance

▶ Before disposing of an old appliance, first make the door latches or locks unusable.

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

▶ Take care not to damage any part of the cooling system, for example by

- puncturing the coolant channels in the evaporator,
- kinking any pipework,
- scratching the surface coating.

Caution: Spraying coolant can damage the eyes.

How to save Energy

	Normal energy consumption	Increased energy consumption
Installation / maintenance	In a well ventilated room.	In an enclosed, poorly ventilated room.
	Protected from direct sunlight.	In direct sunlight.
	Away from heat sources (radiator, stove/oven).	Near a heat source (radiator, stove/oven).
	Where the room temperature is ideal, i.e. around 20°C.	Where the room temperature is higher.
	Do not block the ventilation openings, and keep them clean.	Where the ventilation openings are blocked and full of dust.
Temperature setting	4 to 5°C in the refrigerator section	The lower the temperature setting, the higher the energy consumption.
	-18°C in the freezer section	

How to save Energy

	Normal energy consumption	Increased energy consumption
Use	The drawers and shelves are in the original arrangement.	
	Only open the doors when necessary and for as short a time as possible. Store food in an organized way.	Frequent opening of the door or for long periods will allow the cold to escape and warm air to enter. The appliance tries to keep the temperature low and the compressor runs longer.
	When shopping, use a cooler box or bag and place the food in the appliance as soon as possible. Replace items removed from the appliance as soon as possible before they warm up. Allow hot food and drinks to cool down before placing them in the appliance.	Hot food warms up the appliance. The appliance then tries to keep the temperature low and the compressor runs longer.
	Store food covered or wrapped.	The evaporation or condensation of liquids in the refrigerator section lower the cooling performance.
	Place frozen food in the refrigerator to thaw.	
	Do not overfill the appliance in order to allow the air to circulate.	

Turning the Appliance On and Off

Before first use

It is very important to let the appliance stand for 30 to 60 minutes after transport before you plug it in for the first time. Failure to do so can prevent the appliance from functioning properly!

Packaging material

- Remove all packaging material from the inside of the appliance.

Protective film

The stainless steel trim and covers are covered with a film to protect them during transportation.

- Pull the protective film off the stainless steel surfaces.

Care and cleaning

- Immediately after pulling the film off, wipe the stainless steel surfaces with the Miele stainless steel conditioner provided.

Important! Each application of the stainless steel conditioner forms a durable protective film that is stain- and water-repellent!

- Clean the inside of the appliance and the accessories (see "Cleaning and care").

Operating the appliance

A light touch of the finger on the sensor buttons is all that is required to operate this appliance.

After transporting the appliance, let it stand for approx. 1/2 to 1 hour before plugging it in. This is necessary to ensure that the appliance functions correctly!

Turning the appliance on

The refrigerator and freezer sections can be turned on and off separately so that you can use one section only. This is useful when you only need to have the freezer section running (when going on holiday, for example.)



- Touch the button for switching the refrigerator and/or the freezer section on and off so that the respective temperature is displayed.

The appliance starts cooling.

The top temperature display shows the temperature in the refrigerator section, the bottom temperature is that in the freezer section.

If the temperature in the freezer section is above 0°C (32°F), only dashes are displayed.

Turning the Appliance On and Off

The alarm symbol  on the control panel flashes until the selected temperature is reached.

The interior lighting will come on when the refrigerator door or a freezer drawer is opened.

Allow the appliance to run for a few hours before placing food in it.
Do not place food in the freezer section until the temperature is cold enough (at least -18°C).

Turning the appliance off



- Touch the button for switching the refrigerator and/or the freezer section on and off until the respective temperature display goes out.

This is not possible when the safety lock is on, which is indicated by the  symbol on the control panel.

The interior lighting goes out and the cooling is turned off.

Switching off for longer periods of time

If the appliance is not needed for a longer period of time:

- remove all food from the appliance,
- set the ice cube maker to the vacation state (see "Cleaning and care") and leave the upper freezer drawer open,
- empty the ice cube container,
- close the water shut-off valve,
- turn the appliance off,
- unplug the power cord from the electrical outlet or trip the circuit breaker on the electrical service panel,
- clean the appliance, and
- leave the doors ajar to prevent any odour build-up in the appliance.

If, during a long absence, the appliance is turned off but not cleaned and the doors are left closed, mould may build up in the appliance.

The Right Temperature

The right temperature is very important for storing food. If food is not stored at the right temperature, bacteria can multiply rapidly, causing the food to spoil. This can be prevented or delayed by selecting the right temperature. Temperature affects the rate at which bacteria multiply. Reducing the temperature slows down this process.

The temperature in the appliance will rise for the following reasons:

- if you open the door frequently or keep it open too long,
- if you put too much food in it,
- if you put food in it that is too warm,
- if the room temperature is too high. The appliance is designed for use within a certain climate range (room temperature range) and should not be used outside this range.

. . . in the refrigerator

We recommend a temperature of **3°C (39°F)** in the refrigerator section.

Automatic cold air circulation (DynaCool)

Whenever the refrigerator section switches on for cooling, the fan is automatically switched on as well. This ensures that cold air is evenly distributed throughout the refrigerator, so that all the food stored inside will be chilled to approximately the same temperature.

. . . in the freezer

For freezing fresh food and storing frozen food for longer periods of time, the temperature needs to be **-18°C (0°F)**. At this temperature, most bacteria stop multiplying. However, when the temperature rises above **-10°C (14°F)** the bacteria become active, causing the food to start deteriorating and reducing the storage life. This is why any partially or completely thawed food must never be refrozen until it has been cooked. High cooking temperatures will kill most bacteria.

The Right Temperature

Temperature display

In normal operation the display shows the **current mean refrigerator temperature** and the temperature **in the warmest part of the freezer**.

Dashes are displayed if the temperature in the freezer section is not within the displayable range.

Depending on the room temperature, it can take several hours (3 to 8) until the selected temperature is reached and displayed steadily.

If the temperature was above -18°C (0°F) for a longer period of time you will need to check to make sure that no frozen food started to thaw. Any food that started to thaw must be used as soon as possible!

The temperature display flashes when

- a new temperature is being set,
- the temperature in the appliance has risen by several degrees, indicating that it is warming up too much, or
- a fault is displayed "F1" to "F5" (see "Problem solving guide").

This short-term loss of cooling is no cause for concern in the following cases:

- when the door has been left open for a while, for example to take out or put in a large amount of food,
- when fresh food is being frozen.

Setting the temperature for the refrigerator and freezer

The temperatures for the refrigerator and the freezer are set separately using the buttons for the respective section.



- Set the desired temperatures using each of the buttons.

Tap

- **Up** to increase the temperature
- **Down** to decrease the temperature.

The temperature display flashes while you set the new temperature.

The Right Temperature

When you tap the buttons, you will see the following changes in the display:

- When first tapped: The **last temperature selected** flashes.
- Every new tap:
The temperature value changes in increments of 1 degree.
- Holding down the button will change the temperature value continuously.

Approximately 5 seconds after you release the button, the **actual** temperature in the appliance will be displayed.

If you have changed the temperature and the appliance is **not very full, wait approx. 6 hours**, if it is **full, approx. 24 hours** before checking the temperature display again. It will take that long to reach the selected temperature.

If, after this amount of time, the temperature is too high or too low, you will need to adjust it again.

Temperature ranges

The temperature can be selected within the following ranges:

- In the refrigerator section, 2°C to 7°C (36°F to 45°F).
- In the freezer section, -14°C to -26°C (6°F to -15°F).

Using Super Cool

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

Switching Super Cool on

Super Cool is particularly recommended for fast chilling of large amounts of fresh food or drinks.



- Touch the button for switching Super Cool on and off so that the ❄ symbol to the left of the display will come on.

The temperature in the refrigerator now begins to fall, with maximum cooling performance.

Switching Super Cool off

Super Cool automatically switches off after approx. 6 hours. The appliance continues running with normal cooling performance.

To save energy, you can switch off Super Cool yourself once the food or drinks are sufficiently chilled.



- Touch the button for switching Super Cool on and off so that the ❄ symbol to the left of the display will go out.

The appliance now continues running with normal cooling performance.

For best results, switch on Super Freeze before putting fresh food into the freezer.

Fresh food will be frozen quickly, so that the nutritional value, vitamin content, appearance and taste are maintained.

Exceptions:

- if you are loading frozen food into the freezer.
- if you are not loading more than 2 kg (4-1/2 lbs) fresh food into the freezer per day.

Switching Super Freeze on

Super Freeze should be switched on **6 hours before you place** fresh food in the freezer. However, if you want **maximum freezing performance**, **Super Freeze should be switched on 24 hours beforehand!**



- Touch the button for switching Super Freeze on and off so that the ❄️ symbol to the right of the display comes on.

The temperature in the freezer section now begins to fall, with maximum cooling performance.

Switching Super Freeze off

Super Freeze switches off automatically after approx. 30 - 65 hours. The length of time required until it switches off depends on the amount of fresh food added. ❄️ goes out, and the appliance continues running with normal cooling performance.

To save energy, you can switch off Super Freeze yourself once the freezer reaches a **constant** temperature of at least -18°C (0°F). Therefore you should check the temperature in the freezer section.



- Touch the button for switching Super Freeze on and off so that the ❄️ symbol to the right of the display goes out.

The appliance now continues running with normal cooling performance.

Temperature and Door Alarm

The appliance is equipped with a warning system to ensure that the temperature in the freezer section does not rise unnoticed and to avoid energy being wasted if doors or drawers are left open.

Temperature alarm

An alarm will sound if the **temperature in the freezer section** becomes too-warm. The alarm  indicator flashes on the control panel as well as the bottom temperature indicator (for the freezer section) in the display.

When the alarm is triggered depends on the selected temperature.

The audio and visual signal is triggered:

- when you turn on the appliance if the temperature in the freezer section differs too much from the selected temperature,
- when too much warm air flows into the appliance, for example when food is being re-arranged or taken out,
- when freezing large amounts of food at once,
- when the appliance is malfunctioning.

Once the alarm condition has ended, the audio alarm stops and the alarm  indicator goes out. The temperature indicator for the freezer section stops flashing.

If the temperature was above -18°C (0°F) for a longer period of time, you will need to check to make sure that no frozen food started to thaw. Any food that started to thaw must be used as soon as possible or cooked before refreezing!

Switching the audio alarm off

If the alarm signal bothers you, it can be silenced.



- Touch the alarm button.

The alarm sound will stop. The alarm  indicator and the bottom temperature indicator in the display keep flashing until the temperature has returned to normal.

Door alarm

An alarm will sound if the appliance door or a freezer drawer is left open for more than 3 minutes.

The alarm will stop as soon as the door or the freezer drawer is closed.

Switching the audio alarm off

If the alarm signal bothers you, it can be silenced.



- Touch the alarm button.

The alarm sound will stop.

Additional Settings

Certain appliance settings can only be selected in the settings mode.

Options

<i>S</i>	Sabbath mode
<i>c</i>	Safety lock
<i>l</i>	Setting the ice maker vacation / cleaning state (see "Cleaning and care")
<i>E</i>	Setting the water quantity for the ice cube tray (see "Making ice cubes")
<i>o</i>	Temperature unit (Fahrenheit or Celsius)
<i>h</i>	Brightness of the display
<i>H</i>	Lower hinge heating control
<i>n</i>	Resetting the air filter display (see "Cleaning and care")

Some setting options are not covered below but rather in their respective chapters.

Sabbath mode *S*

Sabbath mode can be selected to facilitate religious customs.

In Sabbath mode, many functions are deactivated and cannot be selected.

- The interior lighting does not come on when the door or a freezer drawer is opened.
- The fan stays in its last setting.
- The door alarm is deactivated.
- The temperature alarm is deactivated.

The cooling performance of the appliance is not affected.

Sabbath mode is automatically deselected after approx. 120 hours.

You can deactivate Sabbath mode yourself.

When in Sabbath mode, the appliance cannot be turned off. Either deselect Sabbath mode or pull the plug.

A power failure would not be indicated in Sabbath mode. After a power failure the appliance goes back to Sabbath mode.

Turning Sabbath mode on and off



- Touch the button for switching Super Freeze on and off for 5 seconds.

The Super Freeze indicator ❄️ to the right of the display is on during this time, and after 5 seconds 5 flashes in the lower temperature display (freezer section). The display shows MENU. You are now in settings mode.

- Touch the Super button again.

The following will appear in the display:

- 5 1 (Sabbath mode is activated), or
- 5 0 (Sabbath mode is deactivated).

- Touch the Super button again to confirm your selection.

The display shows "S" when the appliance is in Sabbath mode. The interior lighting goes out and the display and the symbols on the control panel go out.



- To leave the settings mode, touch the button for switching the freezer section on and off.

If not manually deactivated, Sabbath mode is automatically deselected after ca. 120 hours.

Safety lock c

The safety lock can be activated to prevent the appliance being turned off inadvertently.

Turning the safety lock on and off



- Touch the button for switching Super Freeze on and off for 5 seconds.

The Super Freeze indicator ❄️ to the right of the display is on during this time, and after 5 seconds 5 flashes in the lower temperature display (freezer section). The display shows MENU. You are now in the settings mode.



- Tap the button for setting the temperature in the freezer section until a flashing c appears in the lower temperature display.

- Touch the Super button again.

The following will appear in the display:

- c 1 (Safety lock is activated), or
- c 0 (Safety lock is deactivated).

Additional Settings

- Touch the Super button again to confirm your selection.

 appears in the control panel when the safety lock is activated.



- To leave the settings mode, touch the button for switching the freezer section on and off.

Temperature unit (Fahrenheit or Celsius)

The temperature can be displayed in Celsius (°C) or Fahrenheit (°F).

The factory default is Fahrenheit.

Selecting the temperature unit



- Touch the button for switching Super Freeze on and off for 5 seconds.

The Super Freeze indicator  to the right of the display is on during this time, and after 5 seconds **5** flashes in the lower temperature display (freezer section). The display shows MENU. You are now in the settings mode.



- Tap the button for setting the temperature in the freezer section until a flashing  appears in the lower temperature display.

- Touch the Super button again.

The following will appear in the display:

-  C (Temperature display in Celsius), or
-  F (Temperature display in Fahrenheit).

- Touch the Super button again to confirm your selection.

The temperature is now displayed in the selected unit.



- To leave the settings mode, touch the button for switching the freezer section on and off.

Brightness of the display *h*

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

There are five different brightness settings. The factory default setting is **5** (maximum brightness).

Changing the brightness of the display



- Touch the button for switching Super Freeze on and off for 5 seconds.

The Super Freeze indicator ❄️ to the right of the display is on during this time, and after 5 seconds **5** flashes in the lower temperature display (freezer section). The display shows MENU. You are now in the settings mode.



- Tap the button for setting the temperature in the freezer section until a flashing *h* appears in the lower temperature display.
- Touch the Super button again.

The display shows *h* 0 to *h* 5:

- *h* 0: lowest brightness level
- *h* 5: highest brightness level.



- You can change the brightness within levels **0** to **5** by tapping the button for setting the temperature in the freezer section.
- Touch the Super button again to confirm your selection.



- To leave the settings mode, touch the button for switching the freezer section on and off.

Additional Settings

Lower hinge heating control *H*

If condensed water appears in the lower hinge area or on the base plate between the refrigerator and freezer compartments, increase the output of the heating located behind the base plate.

Factory default is *H R*.

Condensation does not occur at normal room temperature and humidity. The heating prevents condensation at high humidity and low room temperature.

Changing the heat setting



- Touch the button for switching Super Freeze on and off for 5 seconds.

The Super Freeze indicator ❄️ to the right of the display is on during this time, and after 5 seconds *5* flashes in the lower temperature display (freezer section). The display shows MENU. You are now in the settings mode.



- Tap the button for setting the temperature in the freezer section until a flashing *H* appears in the lower temperature display.
- Touch the Super button again.

The following will appear in the display:

- *H R*: select this if there is only little condensation,

- *H 1*: select this if there is a lot of condensation,

- *H 0*: select this if there is no condensation (heating off).

- Change the heat setting by tapping the button for setting the temperature in the freezer section.

- Touch the Super button again to confirm your selection.



- To leave the settings mode, touch the button for switching the freezer section on and off.

Using the Refrigerator Efficiently

Different storage zones

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

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

Warmest area

The warmest areas in the refrigerator are in the top section towards the front and in the top of the door. Use this for storing butter to keep it spreadable and cheese to retain its flavour.

Coldest area

The coldest areas in a refrigerator are directly above the vegetable containers and next to the back wall.

Use this for all delicate and highly perishable food, such as:

- fish, meat, poultry,
- sausage and cold cuts, ready-made meals,
- dishes or baked goods containing eggs or cream,
- fresh dough, cake mixtures, pizza or quiche dough,
- raw milk cheese and other raw milk products,
- pre-packed vegetables and other fresh food whose best-before date requires storage at a temperature of at least 4°C.

Using the Refrigerator Efficiently

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

Danger of explosion!

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

If you store food containing oil or fat in the appliance or in the refrigerator door, make sure that fat or oil does not drip on the plastic components of the appliance.

Traces of oil can cause stress cracks and breaking or cracking of the plastic components.

Do not allow food to touch the back wall of the appliance, as it may freeze to the back wall.

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

Do not cover the fan in the rear wall - this is important for cooling performance!

Food that should not be stored in a refrigerator

Not all food is suitable for storage at temperatures below 5°C, as some foods are sensitive to cold.

Depending on the type of food, storage at a temperature that is too cold can alter the appearance, consistency, taste and/or vitamin content.

Food that is sensitive to cold includes:

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

Using the Refrigerator Efficiently

When shopping for food

The freshness of food when first placed in the appliance is the most important factor in determining how long it stays fresh. This initial freshness is paramount for extended storage.

Always observe the best before date and the recommended storage temperature.

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

Tip: Take a cooler bag with you when you go shopping and place purchased food in the refrigerator in a timely manner.

Storing food correctly

Always store food **covered or wrapped**. This will prevent food odours from spreading to other foods, food from drying out, as well as potential cross-contamination with bacteria. This is particularly important when storing meat products.

The freshness of food can be significantly extended by setting the correct temperature and maintaining good standards of hygiene.

Fruit and vegetables

Fruits and vegetables can be stored unwrapped in the fruit and vegetable drawers.

High-protein foods

Please note that foods rich in protein deteriorate faster.

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

Arranging the Interior - Refrigerator Section

Adjusting the shelves

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

- Lift the shelf at the front, pull it forwards slightly, lift the recess over the support ribs and move the shelf up or down.

The edge of shelf's rear stop must face upwards so that food does not touch the rear wall and freeze to it.

Stops prevent the shelves from being pulled out accidentally.

Shelf above the fruit and vegetable drawers

The shelf above the fruit and vegetable drawers can be removed for cleaning.

- Lift the shelf at the front, pull it forwards slightly to lift the stops, and slowly pull the shelf out.
- When replacing the shelf, push it all the way to the back to engage the stops.

Fruit and vegetable drawers

The fruit and vegetable drawers can be removed for loading and unloading or for cleaning.

- Pull the drawer forward, then lift it up and out of the appliance.

Then push the rails back into the appliance to avoid any damage.

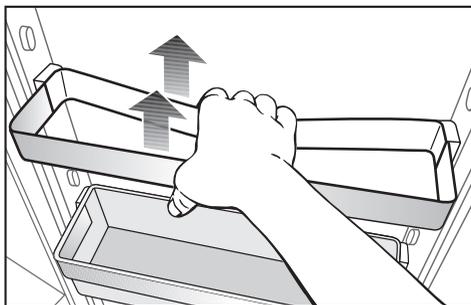
To insert the drawer,

- place the drawer on the completely extended rails. The rails must be in contact with the front of the drawer!
- Push the drawer in.

Arranging the Interior - Refrigerator Section

Adjusting the door shelf / bottle shelf

- Lift the hanging container up and out of the stainless steel support frame.



- Push the stainless steel support frame up and remove it by pulling it forward.
- Replace the stainless steel support frame at the desired location. Make sure that it is securely pushed back into position.
- Place the hanging container into the stainless steel frame.

The hanging containers can be removed for loading and unloading and then replaced.

The hanging containers with the food can be placed directly on the table for serving.

Adjusting the bottle divider

The bottle divider can be moved to the left or right. This holds the bottles more securely in position when the door is opened and closed.

The bottle divider can be removed completely (e.g. for cleaning):

- Slide the front edge of the bottle divider up and lift the bottle divider out.

Freezing and Storing Food

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 within a 24-hour period is listed on the data plate as "Freezing capacity ...kg/24 h".

The maximum freezing capacity specified on the data plate was determined according to DIN EN ISO 15502.

Freezing fresh food

Fresh food should be frozen as quickly as possible so that the nutritional value of the food, its vitamin content, appearance and flavour are maintained.

The longer it takes to freeze the food, the more water migrates from its cells to the space in between. The cells shrink. Later, when the food is thawed, only a portion of this liquid is reabsorbed by the cells.

This means that the food loses a lot of its moisture. You can recognize this by the large pool of water that collects around the defrosted food.

If food is frozen quickly, there is less time for the cells to lose moisture, so they shrink less.

Also, because a smaller amount of moisture is lost, it is easier for the food to reabsorb it during the thawing process. Very little water collects around the defrosted food.

Storing frozen food

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

- that the packaging is not damaged,
 - the expiry date and
 - the temperature at which the frozen food is being stored by the shop. If the food is stored at a temperature higher than 0°F (-18°C), the storage life of the frozen food is reduced.
- Buy frozen food at the very end of your shopping trip, and wrap it in newspaper or use a cooler box or bag to transport it.
 - Place frozen food in the freezer immediately upon returning home.

Never re-freeze partially or completely thawed food. However, once thawed food has been thoroughly cooked you may freeze it again.

Home freezing

Only freeze food that is fresh and in good condition!

Hints for home freezing

- The following types of food **are suitable** for home freezing: fresh meat, poultry, game, fish, vegetables, herbs, fresh fruit, dairy products, baked goods, leftovers, egg yolks, egg whites and most pre-cooked meals.

- The following types of food **are not suitable** for freezing: grapes, lettuce, radishes, sour cream, mayonnaise, eggs in the shell, onions, whole raw apples and pears.
- To retain colour, taste, flavour and vitamin C, vegetables should be blanched prior to freezing. To blanch, immerse small batches of the vegetable in boiling water for 2 to 3 minutes. Remove the vegetable and plunge into cold water to cool quickly. Transfer to a colander and drain.
- Lean meat freezes better than fatty meat and can be stored for considerably longer.
- To prevent chops, cutlets and steaks from sticking together in solid blocks, separate them with a sheet of plastic film.
- Do not salt or season raw foods or blanched vegetables before freezing. Cooked foods should only be lightly seasoned or salted. The flavour of some spices deteriorates when frozen.
- Do not place very warm or hot foods or beverages in the freezer in order to prevent already frozen food from thawing and to save energy.

Freezing and Storing Food

Packing

- Freeze food in portions.

Suitable packing materials

- : plastic film
- freezer bags (polyethylene)
- aluminum foil
- freezer containers.

Unsuitable packing materials:

- : packing paper
 - parchment paper
 - cellophane
 - garbage bags
 - plastic shopping bags.
- Expel as much air as possible from the package before sealing.
 - Close the package tightly with
 - rubber bands
 - plastic clips
 - string or bag ties
 - freezer tape.

Polyethylene freezer bags can also be sealed with home sealing kits.

- Label the package with the contents and the date of freezing.

24 h before freezing

- When freezing more than 2 kg of fresh food, switch on Super Freeze ❄️ 24 h before (see "Using Super Freeze").
This will protect the food that is already in the freezer with an added boost of cold.

Placing food in the freezer

When freezing, ensure that already frozen food does not come into contact with fresh food being frozen so that the frozen food does not start to thaw.

- When placing items in the freezer, ensure that the packaging and containers are dry to prevent them from sticking together when frozen.

Thawing frozen foods

Frozen food can be thawed in various ways:

- in the microwave,
- in a regular oven, using the "fan" or "defrost" setting,
- at room temperature,
- in the refrigerator (as it thaws, the frozen food will help cool the other food in the refrigerator),
- in a steam oven.

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

Pieces of meat and fish (e.g. ground meat, chicken, fish fillet) should not come into contact with other food while thawing. Collect the thawed water and dispose of it carefully.

Fruit can be thawed at room temperature, either in the packaging or in a covered bowl.

Most vegetables can be cooked while still frozen. You can place them directly in simmering water or hot oil. Because of changes in the cell structure, the cooking time is slightly shorter than for fresh vegetables.

Never re-freeze partially or completely thawed food. However, once thawed food has been thoroughly cooked you may freeze it again.

Cooling drinks quickly

Bottles that are put in the freezer for quick cooling must be removed **within one hour**. Otherwise, they could burst.

Making Ice Cubes

For the automatic ice cube maker to operate it must be connected to the domestic water supply.

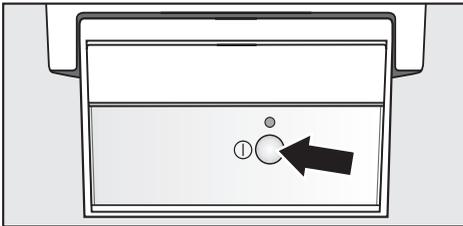
Turning the ice cube maker on

- Turn the freezer section on.



- Touch the button for switching the ice cube maker on and off so that the ice cube symbol  to the right of the display comes on,

or



- Press the On/Off button on the ice cube maker. The indicator light will come on.
- Close the upper freezer drawer.

Ice cubes can only be produced if the upper freezer drawer is completely closed and the ice cube drawer is installed correctly.

After the ice cube maker is turned on for the first time it can take up to 24 hours for the first ice cubes to drop out of the ice cube maker into the drawer.

Do not consume or use the first three batches of ice. This applies both to using the appliance for the first time and also using it after it has not been used for a long period of time.

The ice cube maker can make up to 120 ice cubes in 24 hours (if the temperature in the freezer section is -18°C (0°F)).

Ice cube production is halted automatically as soon as the ice cube drawer is full.

Making larger quantities of ice cubes

The amount of ice cubes that the appliance makes in 24 hours depends on the temperature in the freezer section. Select Super Freeze  if you want to increase the production rate (up to 150 cubes in 24 hours). However, this will also increase the energy consumption of the appliance.

The ice cube maker starts producing again as soon as the drawer is closed.

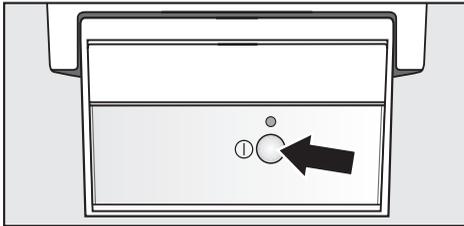
Turning the ice cube maker off

The ice cube maker can be turned off independently of the freezer section if you do not want to make any ice cubes.



- Touch the button for switching the ice cube maker on and off so that the ice cube indicator  to the right of the display goes out,

or



- Press the On/Off button on the ice cube maker until the indicator light goes out.

Set the ice cube maker to the vacation state (see "Cleaning and care") and clean the ice cube drawer when the ice cube maker will be turned off for a long period of time.

Setting the water quantity for the ice cube tray *E*

The size of the ice cubes that are produced depends on the quantity of inflowing water.

The quantity of inflowing water can be adjusted to make larger ice cubes.



- Touch the button for switching Super Freeze on and off for 5 seconds.

The Super Freeze indicator  to the right of the display is on during this time, and after 5 seconds  flashes in the lower temperature display (freezer section). The display shows MENU. You are now in the settings mode.



- Tap the button for setting a higher or lower temperature in the freezer section until a flashing *E* appears in the lower temperature display.
- Touch the Super button again.

E3 appears in the temperature display (factory default).

The water quantity can be set between *E1* (lowest water quantity) and *E8* (highest water quantity).

Making Ice Cubes

- You can change the water quantity within levels **1** to **8** by tapping the button for setting the temperature in the freezer section.
- We recommend increasing the water quantity by one level only (first to **E4**) and then check whether the ice cubes are big enough.

Do not increase by more than one step. If the adjusted size is too big, the ice cube tray of the ice maker could overflow.

- Touch the Super button again to confirm your selection.



- Touch the button for switching the freezer section on and off to leave the settings mode.

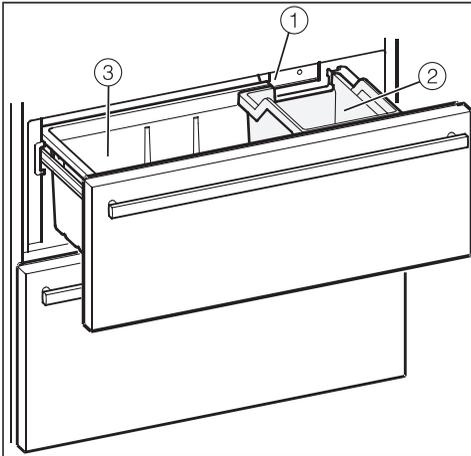
Check the ice cube size in the following days. If the ice cubes are still smaller than desired, follow the above steps again.

Arranging the Interior - Freezer Section

Freezer drawers

Both freezer drawers can be used for freezing and storing food.

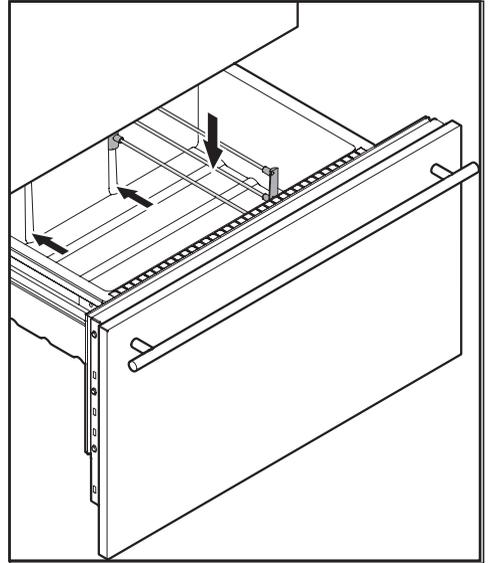
The ice cube container in the upper freezer drawer is only suitable for ice cubes. You can remove the ice cube container if you want to use the whole drawer.



- ① Ice cube maker
- ② Ice cube container
- ③ Space for freezing and storage

Adjusting the separators

You can adjust the separators in the lower freezer drawer according to your needs.

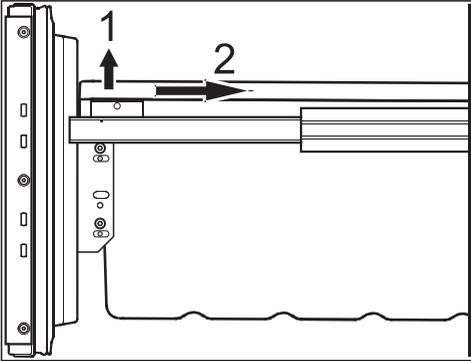


- Grab the separators at the front and back and pull upwards and out.
- Now replace them to the left or right.

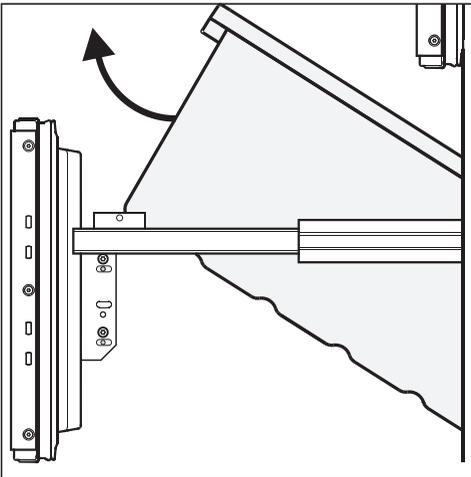
Arranging the Interior - Freezer Section

Removing the freezer drawer containers

You can remove the freezer drawer containers for better cleaning.



- Lift the container at the front left and right (1) and push it slightly backwards (2).



- Lift the container out.
- Replace the container by reversing the removal procedure.

Refrigerator section

The refrigerator defrosts automatically.

During normal operation, condensate and frost can form on the back wall of the refrigerator section. You do not need to remove this, as it will defrost and evaporate automatically with the warmth generated by the compressor.

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

Freezer section

The appliance is equipped with a "NoFrost" system for automatic defrosting as needed.

The moisture generated in the appliance collects on the condenser, and is automatically defrosted and evaporates periodically.

- This automatic defrosting system keeps the freezer section permanently ice-free, while ensuring that the food stored in the freezer section does not thaw.

Cleaning and Care

Make sure that no water gets into the electronics or into the lighting.

Do not use a steam cleaner. The steam can reach the electrical components of the appliance and cause a short circuit.

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

For stainless steel surfaces, use the Miele stainless steel conditioner (see "Guide to the appliance - Optional accessories"). It contains substances that protect the material and, compared to a stainless steel cleaner, no polishing agents. This gently removes soiling and each application forms a protective film that is stain- and water-repellent.

Cleaning agents

To avoid damaging the surfaces, do **not** use any

- cleaning agents containing soda, ammonia, acid or chloride,
- limescale removers,
- abrasive cleaning agents e.g. scouring powder or scouring cream cleansers, pumice stone,
- cleaners containing solvents,
- stainless steel cleaners,
- dishwasher cleaner,
- oven sprays,
- glass cleaners,
- abrasive hard sponges and brushes such as pan scrubbers,
- magic erasers,
- sharp metal scrapers.

Use lukewarm water with a little dishwashing (not dishwasher!) liquid.

The following pages contain important information on cleaning.

Before cleaning

- Turn the appliance off.

The display goes dark and the cooling is turned off.

If this is not the case, the safety lock is on (see "Further settings - Turning the safety lock on and off).

- Unplug the power cord from the wall socket or trip the circuit breaker on the electrical service panel.
- Take any food out of the appliance and store it in a cool place.
- Take all removable parts out for cleaning.

Cleaning the interior and accessories

Clean the appliance at least once a month.

Remove any soiling immediately so that it does not dry up.

- Clean the interior and the accessories using warm water and a little dishwashing (not dishwasher!) liquid. After cleaning, wipe everything with clean water, then dry with a soft cloth.
- Leave the appliance doors and drawers open for a short time.

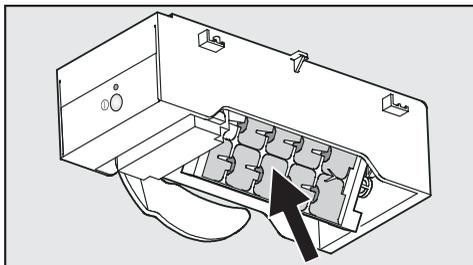
The accessories are not dishwasher safe.

- Clean dirty stainless steel surfaces with the Miele stainless steel conditioner.
- Always wipe these surfaces with Miele stainless steel conditioner immediately after each cleaning. This protects the stainless steel surfaces and prevents resoiling.

Cleaning and Care

Cleaning the ice cube tray

The ice cubes freeze in the ice cube tray before they fall into the ice cube drawer.



The ice cube tray is not removable and can only be cleaned in place.

Clean the ice cube tray regularly with warm water and some dishwashing liquid to remove ice and water residue.

Also empty and clean the ice cube tray before turning it off for an extended time.

- Connect the appliance to the electricity supply.
- Be sure the upper freezer drawer is completely closed and the ice cube drawer is installed correctly.
- To clean, activate the ice cube maker's vacation state as follows:

Setting the ice cube maker to the vacation state for cleaning /

Setting the ice cube maker to the vacation state causes the tray to rotate down with no water remaining in the tray.



- Touch the button for switching Super Freeze on and off for 5 seconds.

The Super Freeze indicator ❄️ to the right of the display is on during this time, and after 5 seconds 5 flashes in the lower temperature display (freezer section). The display shows MENU. You are now in the settings mode.



- Tap the button for setting the temperature in the freezer section until a flashing / appears in the lower temperature display.

- Touch the Super button again.

The following appears in the display:

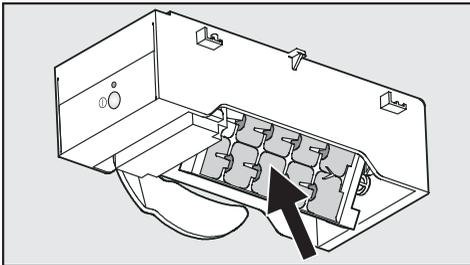
- / 0 (Ice cube maker is turned on), or
- / 1 (Ice cube maker is turned off).

The ice cube maker does not need to be turned on in order to set the vacation state.

- Tap the button for setting the temperature in the freezer section until **!** **°C** appears in the lower temperature display.
- Touch the Super button again to confirm your selection. **!** flashes in the temperature display.

The ice cube maker tray rotates down. When the temperature appears in the display, the tray is in the down position and the ice maker turns off automatically.

- Open the upper freezer drawer.
- Remove the ice cube container and clean it.
- Remove the upper freezer drawer.



- Now clean the ice cube tray with warm water and a little dishwashing (not dishwasher!) liquid.

After cleaning

- Replace the upper freezer drawer together with the ice cube container and close the drawer completely.
- Turn the ice cube maker on.  appears on the control panel.

The ice cube tray returns to its original position.

Door seal

Do not use any grease or oil on the door seal as this will cause the seal to deteriorate over time.

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

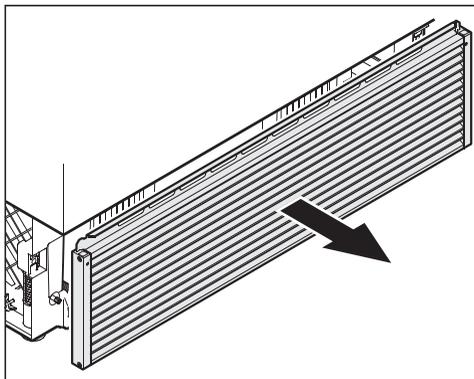
Ventilation slits

- The ventilation slits should be cleaned on a regular basis with a brush or vacuum cleaner. A build-up of dust will increase the amount of energy the appliance consumes.

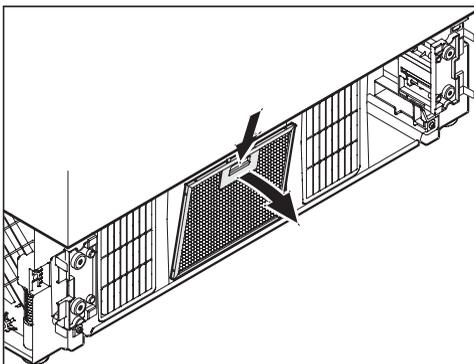
Cleaning and Care

Cleaning the air filter

- The air filter should be cleaned when the air filter symbol  on the control panel comes on.

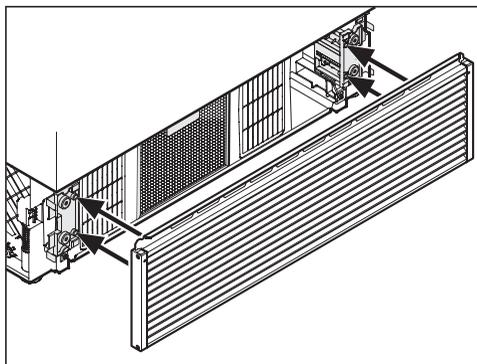


- Remove the cover with the ventilation slits. No tools are required.



- Push the latch of the air filter downwards and take it out.

- Clean the air filter in the dishwasher or by hand with lukewarm water and dishwashing liquid.
- Replace the air filter by reversing the removal procedure.



- Replace the cover with the ventilation slits.
- Reset the air filter indicator  as follows:

Resetting the air filter indicator



The air filter indicator  must be reset after each filter cleaning.



- Touch the button for switching Super Freeze on and off for 5 seconds.

The Super Freeze indicator  to the right of the display is on during this time, and after 5 seconds 5 flashes in the lower temperature display (freezer section). The display shows MENU. You are now in the settings mode.



- Tap the button for setting the temperature in the freezer section until a flashing **n** appears in the lower temperature display.

- Touch the Super button again.

n  appears in the temperature display and  lights up on the control panel.

- Touch the Super button again to confirm your selection.

n appears in the temperature display and the  indicator on the control panel goes out. The air filter indicator is now reset.



- Touch the button for switching the freezer section on and off to leave the settings mode.

After cleaning

- Replace all shelves and accessories in the appliance.
- Plug in the power cord and turn the appliance on.
- Turn on Super Freeze  to cool down the freezer section quickly.
- Turn on Super Cool  for a while to cool down the refrigerator section quickly.
- Place food back in the refrigerator section, close the appliance door.
- Once the temperature in the freezer section is cold enough, you can place the food in the freezer drawers and return the drawers to the freezer.
- Turn off Super Freeze  as soon as the freezer section has reached a constant temperature of at least -18°C .

Problem Solving Guide

You can easily resolve many of the minor problems you may encounter during everyday use. With the aid of the following guide, the cause of a problem can be found and eliminated.

If necessary, contact Miele Customer Service for assistance.

To prevent cold from escaping, open the appliance doors as little as possible until the malfunction has been corrected.

Installation, repair and maintenance work should only be performed by a Miele authorized service technician to avoid potential hazards. Work by unqualified persons could be dangerous for the user.

Problem	Possible cause	Solution
The appliance does not get cold, the interior lightning does not come on when the door opens, and the display is dark.	The appliance is not turned on.	■ Turn the appliance on.
	The plug is not properly plugged into the electrical outlet.	■ Insert the plug into the electrical outlet.
	The circuit breaker has tripped. The fridge/freezer, the electrical power supply or another appliance could be defective.	■ Contact a qualified electrician or Customer Service for assistance.

Problem Solving Guide

The compressor runs more and more often and for longer periods of time, the temperature in the appliance drops.

Problem	Possible cause	Solution
The temperature in the appliance is too low.	The temperature setting is too low.	■ Correct the temperature setting.
	The freezer drawers are not closed all the way.	■ Check that the drawers are closing properly.
	A large amount of food is being frozen at once.	■ See "Freezing and storing food".
	Super Cool is still on. Super Cool automatically shuts off after approx. 6 hours.	To save energy, you can switch Super Cool off yourself.
	Super Freeze is still on. Super Freeze automatically shuts off after approx. 30 - 65 hours.	To save energy, you can switch Super Freeze off yourself.

Problem Solving Guide

Problem	Possible cause	Solution
	<p>The ventilation slits in the base of the appliance are blocked or dusty.</p>	<ul style="list-style-type: none"> ■ Do not block the ventilation slits. ■ Clean the ventilation slits on a regular basis.
	<p>The door or the drawers were opened frequently, or a large amount of fresh food was put in all at once for freezing.</p>	<ul style="list-style-type: none"> ■ Only open the doors or the drawers when necessary and for as short a time as possible. <p>After a while the temperature will return to normal by itself.</p>
	<p>The appliance door or freezer drawers are not closed all the way. A thick layer of ice may have developed in the freezer section.</p>	<ul style="list-style-type: none"> ■ Close the appliance door or the freezer drawers. <p>After a while the temperature will return to normal by itself.</p> <p>If a thick layer of ice has formed, it will decrease the cooling performance and increase the energy consumption.</p> <ul style="list-style-type: none"> ■ Defrost the the freezer section and clean it.
	<p>The room is too warm. The higher the room temperature, the longer the compressor has to run.</p>	<ul style="list-style-type: none"> ■ See "Installation - Location".
	<p>The appliance was not properly installed in the niche.</p>	<ul style="list-style-type: none"> ■ See "Installing the appliance".

Problem Solving Guide

The compressor comes on less and less often and for shorter periods of time, the temperature in the appliance rises.

Problem	Possible cause	Solution
The temperature in the appliance is too high.	This is not a fault!	<ul style="list-style-type: none"> ■ Correct the temperature setting. ■ Check the temperature again after 24 hours.
The food begins to thaw.	<p>The room temperature is too low for this appliance.</p> <p>The compressor runs less often if the room temperature is too low.</p> <p>Therefore it may become too warm in the freezer section.</p>	<ul style="list-style-type: none"> ■ See "Installation - Location". ■ Increase the room temperature.

Indication in the display

Problem	Possible cause	Solution
The temperature display for the freezer section shows two dashes.	The temperature is only displayed if it is below 0 °C.	<ul style="list-style-type: none"> ■ Check the temperature display approx. 6 hours after the appliance is switched on.
	The temperature in the appliance rose to above 0°C in the past days or hours because of a power outage.	<ul style="list-style-type: none"> ■ Solution on the next page.

Problem Solving Guide

Indication in the display		
Problem	Possible cause	Solution
<p>The electrical power failure –G indicator is on and the temperature indicator for the freezer section flashes.</p>	<p>The temperature in the appliance rose too much in the past days or hours because of a power outage.</p> <p>The appliance will go back to the last temperature setting when the power is back on.</p>	<ul style="list-style-type: none"> ■ Touch the Alarm button. <p>Now the highest temperature that occurred in the freezer section during the power outage is displayed.</p> <p>The highest temperature will appear in the display for approx. 1 minute. Then the display will revert to the actual current temperature in the freezer section.</p> <ul style="list-style-type: none"> ■ Depending on the temperature, check to see whether the food in the freezer thawed partially or completely. Food that thawed (whether partially or completely) must not be re-frozen until it has been thoroughly cooked. ■ Touch the Alarm button again. <p>The electrical power failure –G indicator goes out.</p>
<p>The display shows "F1" to "F5".</p>	<p>The appliance is malfunctioning!</p>	<ul style="list-style-type: none"> ■ Call Customer Service!

Problem Solving Guide

Interior lighting		
Problem	Possible cause	Solution
The interior lighting is not working.	The interior lighting automatically switches off if the door has been open for approx. 15 minutes. If that is not the reason, then there is a problem.	<p>■ Call Customer Service.</p> <p>The LED lighting may only be repaired by Customer Service. There are current-carrying parts behind the light cover. Risk of injury or damage to the appliance!</p> <div style="border: 1px solid gray; padding: 5px;"><p>The light cover must not be removed! If the cover is damaged or absent due to damage –</p><p>Caution! Do not examine the light (class 1M laser radiation) with optical instruments (magnifying glass, etc.)!</p></div>

Problem Solving Guide

Other problems		
Problem	Possible cause	Solution
Food has frozen together or to the wall.	The food packaging was not dry when loaded in the freezer.	■ Use a blunt instrument (such as a spoon handle) to carefully pry them apart.
The appliance cannot be turned off.	The safety lock is activated. The  indicator on the control panel is on.	■ Turn the safety lock off (see "Settings - Turning the safety lock on and off").

Problem Solving Guide

Problems with the ice cube maker		
Problem	Possible cause	Solution
You cannot switch the ice cube maker on.	The appliance is not connected to the power supply or is not turned on.	<ul style="list-style-type: none"> ■ Plug in the power cord and turn the appliance on.
The ice cube maker does not produce any ice cubes.	The appliance or the ice cube maker is not turned on.	<ul style="list-style-type: none"> ■ Turn the appliance and the ice cube maker on.
	The water supply line is not open.	<ul style="list-style-type: none"> ■ Open the water supply.
	The upper freezer drawer is not closed properly or the ice cube container is not properly inserted in the drawer.	<ul style="list-style-type: none"> ■ Check the position of the ice cube container. ■ Push the drawer all the way in.
	The ice cube tray is not positioned correctly.	<ul style="list-style-type: none"> ■ Correct the position of the ice cube tray (see "Cleaning and care - Setting the ice cube maker to the vacation state for cleaning").
	The temperature in the freezer section is too high.	<ul style="list-style-type: none"> ■ Select a lower temperature.

Problem Solving Guide

Problems with the ice cube maker		
Problem	Possible cause	Solution
The ice cubes have an unpleasant odour or flavour	The ice cube maker is not used very often. Ice cubes that are stored for a long period can absorb the taste and smell of other items.	■ Empty the ice cube container if you are not going to use it for a long period of time.
	There are unsealed packages in the freezer section. Ice can absorb the taste and smell of unsealed food.	■ Store only sealed food in the freezer section.
	The ice cube container is dirty.	■ Clean the ice cube container.

Normal noises	What causes them?
Brrrrr...	Humming noise made by the compressor motor. When the motor starts, this noise may be louder for a brief period.
Blubb, blubb....	A gurgling noise can be heard when the coolant circulates through the pipes.
Click....	Clicking sounds occur whenever the thermostat switches the motor on or off.
Sssrrrrr....	In multi-section and frost-free appliances, the movement of air circulating through the appliance can sometimes just barely be heard.
	In appliances with a water tank, a humming noise can be heard when the water pump is running.
Crack...	A cracking noise can be heard when the appliance materials expand.

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

Noises that you can easily eliminate	Possible cause	Solution
Rattling, clinking	The appliance is not level.	Level the appliance with a spirit level. Raise or lower the screw feet underneath the appliance, or place something underneath them.
	The appliance is touching another appliance or piece of furniture.	Move it away.
	Drawers, baskets or shelves are jiggling or are stuck.	Check all removable parts and replace them correctly.
	Bottles or containers are touching.	Separate them.
	The transport cable clips are still hanging on the back of the appliance.	Remove the cable clips.

Customer Service / Warranty

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

– your Miele dealer

or

– Miele factory customer service.

The telephone number of the factory customer service can be found on the back cover of this manual.

Your dealer or Miele will require the model and serial number of your appliance. This information can be found on the data plate inside the appliance.

Warranty time and terms

The warranty time is 2 years.

For details about the warranty terms in your country, please call Miele.

The telephone number can be found on the back cover of this manual.

All tests must be carried out according to **the applicable standards and regulations**.

In addition, the following information provided by the manufacturer must be observed:

- **Loading instructions,**
- Information contained in the **Operating and installation instructions.**



Installation instructions

Information is subject to change. Please refer to our website to obtain the most current product specification, technical & warranty information.

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

Caring for the Environment

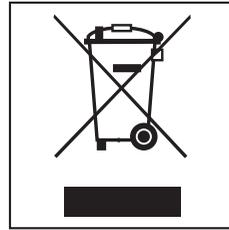
Disposing of the packaging materials

The packaging materials help protect the appliance during transport. They have been selected from environmentally responsible materials and are intended to be recycled.

Recycling the packaging materials saves raw materials and reduces waste. The packaging materials can be returned to your dealer.

Disposing of your old appliance

Old electric and electronic equipment still contains useful materials that can be recovered. However, it may also contain harmful substances that were necessary for their function and safe use. Improperly disposing of these items in your household waste can be harmful to people's health and to the environment. This is why it is important **NEVER** to dispose of your old appliance with your regular household waste.



Instead, please contact your municipality's waste collection centre to return and recycle electric and electronic appliances.

Please take care not to damage the pipework while the appliance is being stored for transport.

By protecting the pipework, you help keep the coolants and compressor oil from contaminating the environment.

Please make sure the appliance is child-proof while in storage prior to disposal. More information can be found in "Safety instructions and warnings".

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

Warning!

This appliance is very heavy and can tip forwards when the door / freezer drawers are open. Keep the appliance door shut until the appliance has been installed and secured in the cabinet in accordance with these operating and installation instructions. Since the appliance is big and heavy it should be installed with the assistance of another person.

This fridge/freezer combination should not be placed side-by-side with another one! Because the appliance does not have heated side walls, a side-by-side arrangement can lead to a build-up of condensation water.

Location

The appliance should not be installed directly next to a heat source (such as a kitchen range or a heater) or under a window in direct sunlight. The higher room temperature, the more energy the appliance requires to operate. Most suitable is a dry, well-ventilated room.

The following should also be taken into consideration:

- The electrical outlet must be easily accessible in an emergency, not concealed behind the appliance.
- The plug and cable must not touch the rear of the appliance as they could be damaged by vibrations from the appliance.
- Do not plug in other devices behind this appliance.

Important! When there is high humidity there can be a build-up of condensation on the outer surfaces of the appliance. This can cause the surfaces to corrode.

To prevent this, it is advisable to install the appliance in a dry and/or an air-conditioned room with sufficient ventilation.

Please ensure that doors are closing and sealing properly after installation and that the appliance is installed in accordance with these installation instructions and with the required ventilation openings.

Installation Information

Climate class

The appliance is designed for use within a certain climate range (room temperature range) and should not be used outside this range. The climate range is specified on the data plate inside the appliance.

Climate class	Room temperature
SN	+10 °C à +32 °C (50 °F à 90 °F)
N	+16 °C à +32 °C (61 °F à 90 °F)
ST	+16 °C à +38 °C (61 °F à 100 °F)
T	+16 °C à +43 °C (61 °F à 109 °F)

If the room is too cold, it will cause the cooling system in the appliance to remain off for too long. This can cause the temperature in the appliance to rise, resulting in damage.

Installation niche

Before installing the appliance, the cabinet must be carefully aligned using a spirit level. The cabinet corners must be at a 90° angle to one another, otherwise the cabinet door will not be flush with all 4 corners of the cabinet. The sidewalls of the installation niche must be even.

Niche floor

To ensure that the appliance is installed safely and to assure all the functions, the floor of the niche where the appliance is to be installed must be even and horizontal.

It must be made from strong, rigid material.

The appliance is extremely heavy when fully loaded, and for this reason it is imperative that the floor it stands on is able to bear its weight. If necessary, seek the advice of an architect or construction expert.

When fully loaded, the approx. weight of the appliance is **544 kg (1200 pounds)**.

Adjoining furniture/units

The appliance is screwed to the adjoining furniture/units.

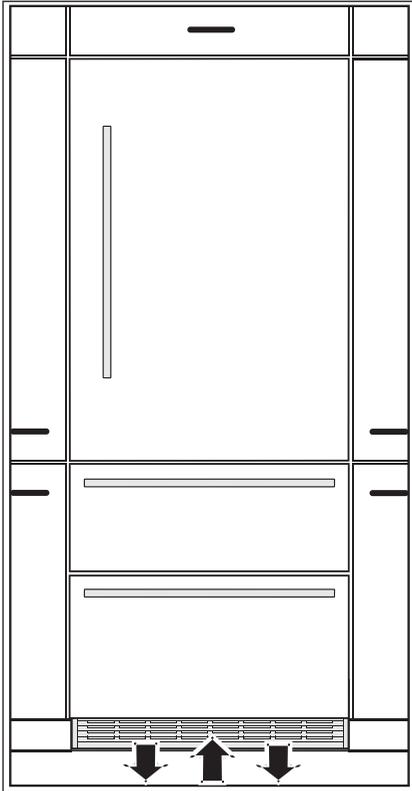
For this reason, it is essential that all furniture/units be fixed to the ground and/or wall.

Door hinge

The appliance is supplied with fixed hinges. If the door needs to be hinged on the opposite side, contact Miele Customer Service.

Do NOT under any circumstances change the door hinging yourself!

Proper ventilation



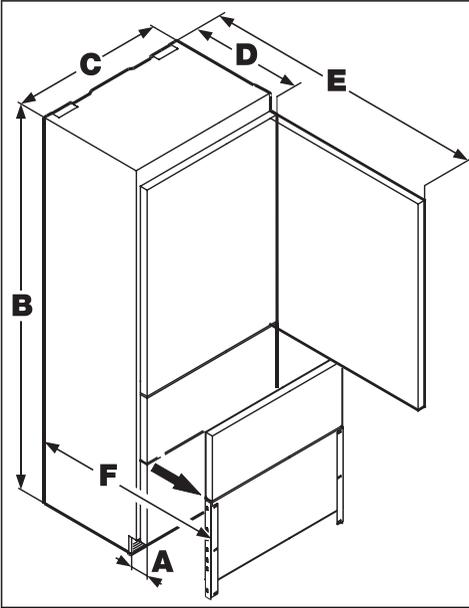
Use only the matching base cover with the ventilation slits!
If there is insufficient ventilation, the compressor will run more often and over a longer period of time. This results in higher energy consumption and a higher compressor temperature which can damage the compressor.

This appliance does not require ventilation openings in the surrounding cabinetry. Proper ventilation is ensured through the ventilation slits at the base of the appliance.

The ventilation slits must not be covered or obstructed.
They must also be regularly cleared of dust.

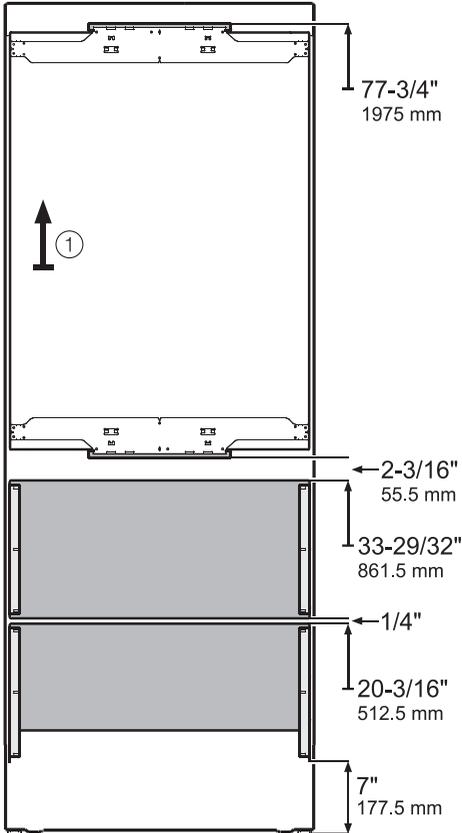
Installation Dimensions

Before installing the appliance, make sure that the cabinet has the exact specified dimensions.



	A	B	C	D	E	F
KFN 9855 iDE	3" (76 mm)	79-13/16" (2,027 mm)	29-7/8" (757 mm)	24" (610 mm)	55 1/4" (1,413 mm)	37-1/8" (952 mm)

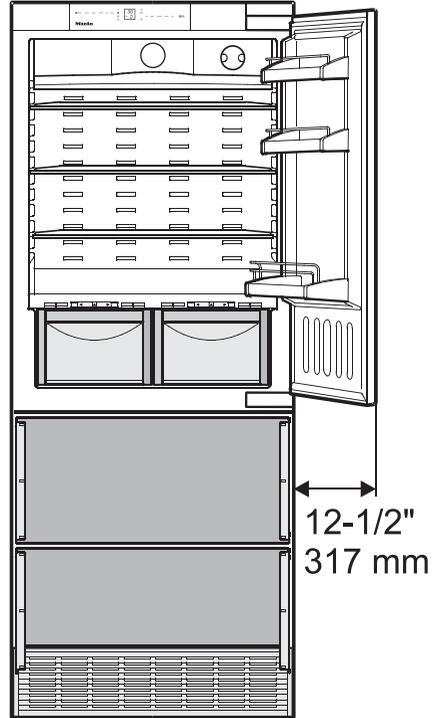
Installation Dimensions



① This dimension line indicates the height measured from the floor.

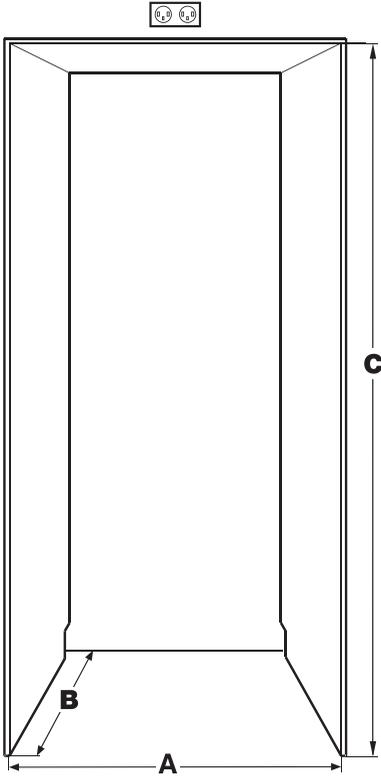
Opening angle of the door

Ensure that there is sufficient space at the installation location for the door to open wide enough.



These measurements do not take the cabinet front and the door handle into account; they must be added on accordingly.

Niche Dimensions

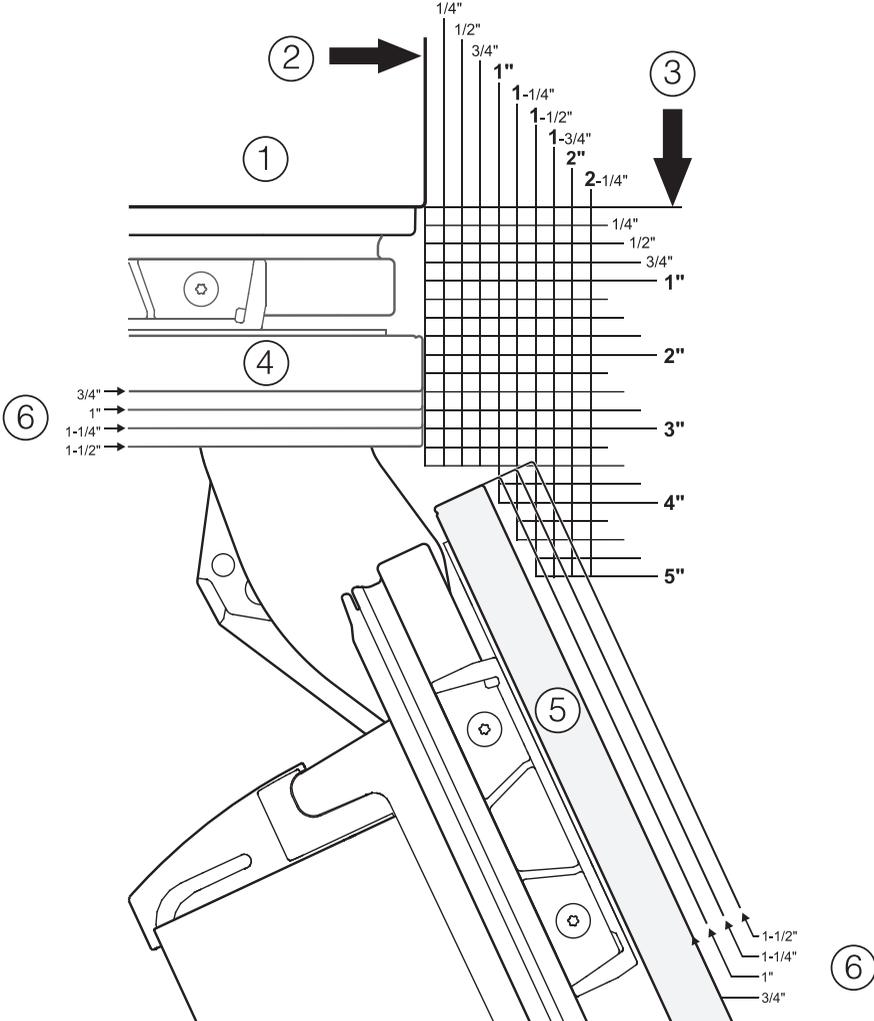


The location of the electrical outlet can be within a radius of 80 inch from the appliance top center. Do not install the electrical outlet **behind** the appliance!

A Cabinet Width	B Inset cabinet Depth	B Frameless/faceframe cabinet Depth	C Cabinet Height
30" (762 mm)	24" (610 mm) + panel thickness	24" (610 mm)	80" (2,032 mm)

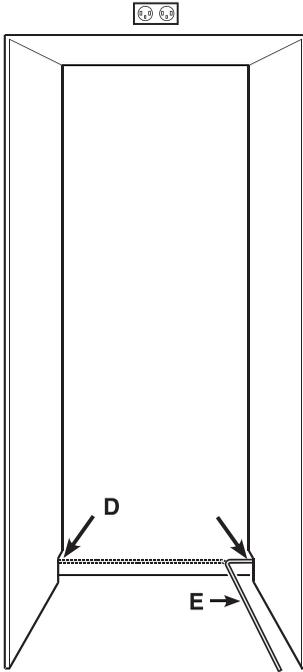
For appliance with panel to be flush, adjacent cabinetry depth must equal appliance depth (24") (610mm) plus panel thickness (5/8" – 3/4") (16mm - 19mm).

Door Swing Clearance



- ① Top View
- ② Right side wall of appliance housing
- ③ Front of appliance housing
- ④ Front panel - door closed
- ⑤ Front panel - door opening angle = 115°
- ⑥ Panel thickness

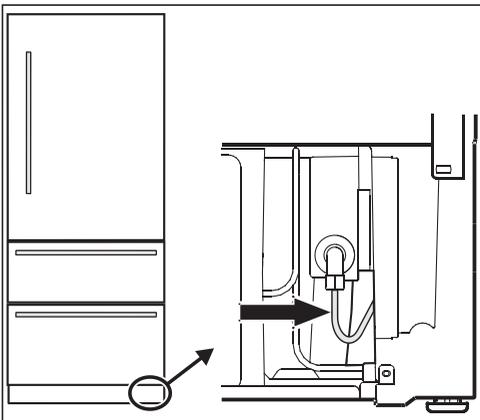
Planning the Water Connection



Do not install the shut-off valve behind the appliance!

Water line feed-in (**D**) from left or right above the anti-tipping bracket.

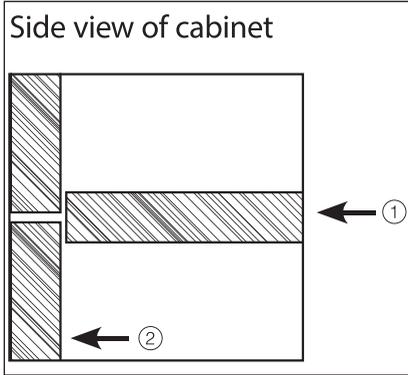
The water line lead-through for the water supply line (**E**) is at the bottom right of the appliance:



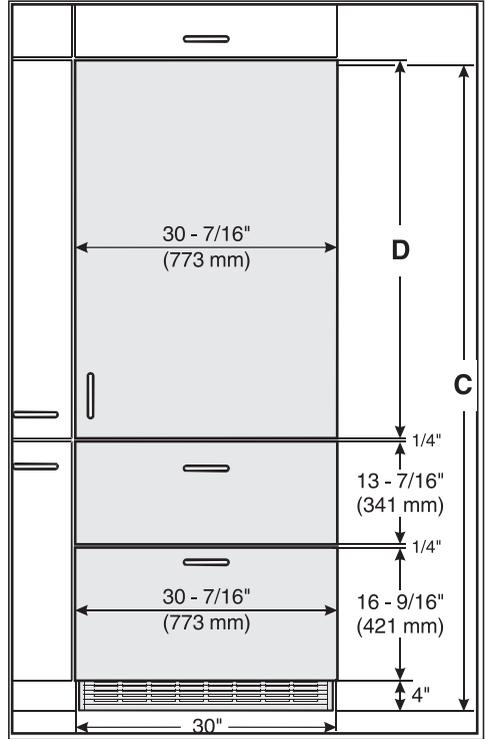
Information Concerning the Cabinet Front

Frameless installation style

With this installation style, these wider appliance panels partially overlay the shared side gables of adjacent cabinetry so as to mimic the look of a frameless style cabinet.



- ① Cabinet frame
- ② Door panel



Please take into account the following information concerning the cabinet front:

- The panels should be at least $5/8''$ (16 mm) thick to allow the connecting rails to be fastened to them.
- The maximum panel thickness is $3/4''$ (19 mm).
- The door panel weight must not exceed 60 lb (27 kg).

Cabinet opening C	Refrigerator door panel D
80" (2,032 mm)	45-3/4" (1,162 mm)

Installing the Appliance

Before installation

Warning!

This appliance is very heavy and can tip forwards when the door is open.

- Before installation, take any accessories out of the appliance and/or off the back of the appliance.
- Remove any cable clips from the back of the appliance.
- Check that all the parts on the back of the appliance can move freely. Carefully bend any attached components out of the way.

To protect the floor from damage when installing the appliance,

- fasten a left-over piece of flooring (e.g. lino) to the floor in front of the installation area.

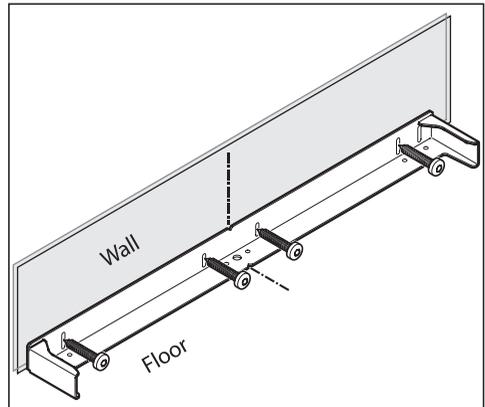
Installing the anti-tipping brackets

The anti-tipping brackets keep the appliance safely secured in the installation niche and prevent tipping.

Make sure that there is no water hose or electric cable in the installation area that could be damaged by screws.

Important!

The anti tipping bracket must be fitted at the same height as the toe kick area. If you set the appliance to a higher level by laying spacers underneath, the anti tipping bracket must be fitted accordingly.

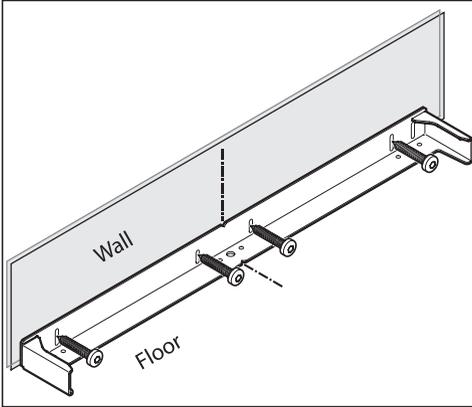


- Mark the centre line of the appliance on the back wall of the installation niche. The centre of the anti-tipping bracket must be aligned with this line.

Installing the Appliance

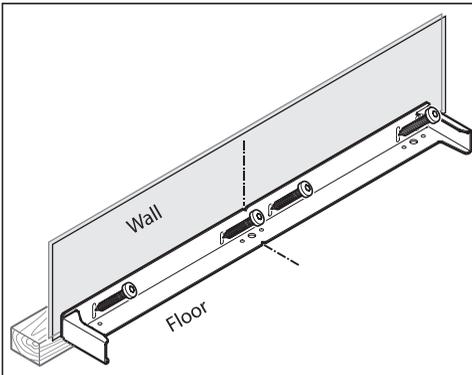
- Depending on the floor and walls of the room, select the installation method for the bracket from the following options: **A**, **B**, **C** or **D**.

A



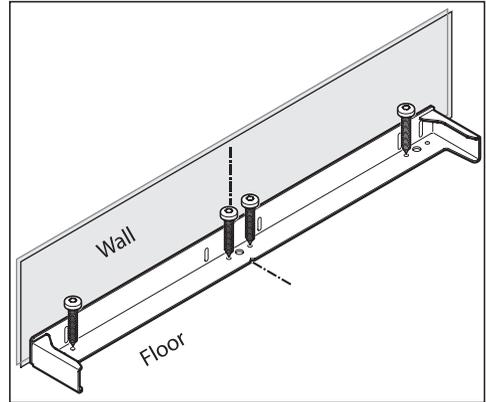
- Affixing to a drywall base (screws: 6 x 63 mm) (15/64" x 2 1/2")
- Affixing to a concrete wall using screw anchors (screws: 6 x 63 mm) (15/64" x 2 1/2")

B



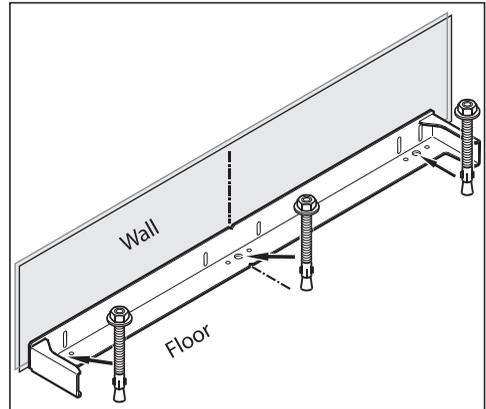
- Affixing with angular positioning of the screws (6 x 63 mm) (15/64" x 2 1/2")

C



- Affixing to a wooden floor (screws: 6 x 63 mm) (15/64" x 2 1/2")

D



- Affixing to a concrete floor using the supplied concrete anchors.

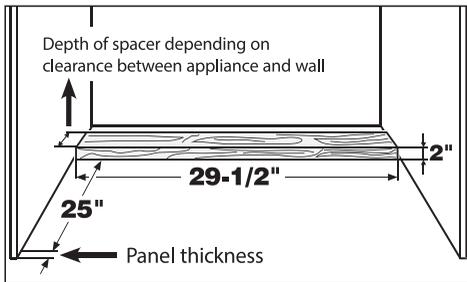
Installing the Appliance

Installation of the anti-tipping bracket in a cabinet of more than 25" depth.

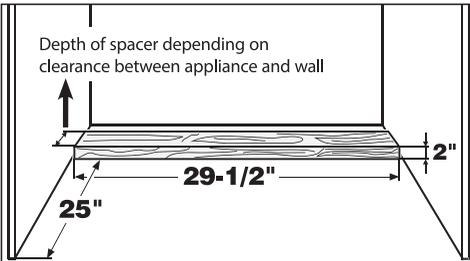
The anti-tipping bracket assures proper functioning up to a cabinet depth of 24 - 25 inches.. If the cabinet is deeper than 25", a wooden spacer is required between the back wall of the niche and the appliance.

The spacer must be securely affixed to the floor.

Position of the spacer in a normal cabinet



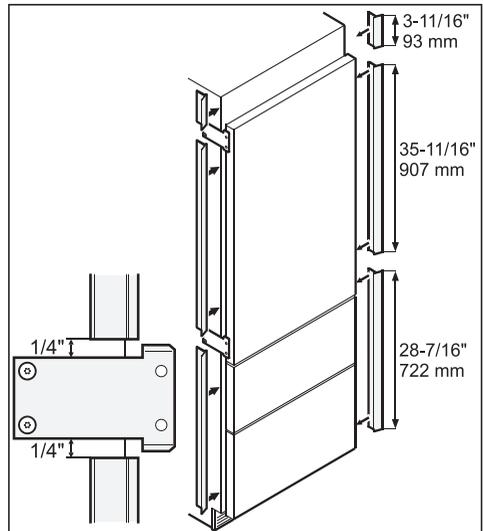
Position of the spacer in a frameless cabinet



The anti-tipping bracket must be level after installation even if the floor is not level. Install the wooden spacer in an appropriate position.

Fastening the covers

Install the adhesive covers above, between and under the mounting plates on the sides of the appliance.

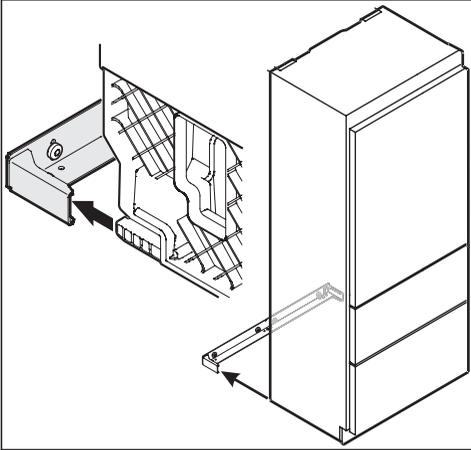


- Cut the covers to the required length (see illustration).
- Fasten the covers keeping a 1/4" (6mm) clearance from the mounting plates.

Installing the Appliance

Pushing the appliance into the niche

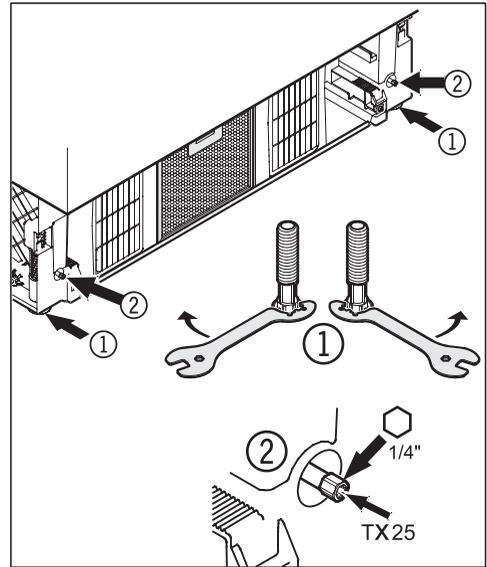
Prepare the water and electrical connections.



- Gently push the appliance into the niche until the back of the appliance slides into the anti-tipping bracket.

Take care not to damage the electrical cord and water line!

Aligning the appliance

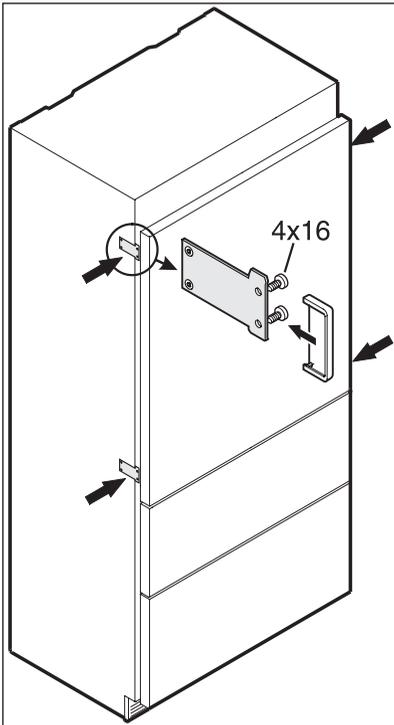


- Use the supplied wrench to adjust the front feet so that the appliance is level (1).
- Using a screw driver or the supplied Allen key, turn the adjustment rods to adjust the back of the appliance until it is level (2).

All feet must rest firmly on the floor so that the appliance cannot tip forwards!

Installing the Appliance

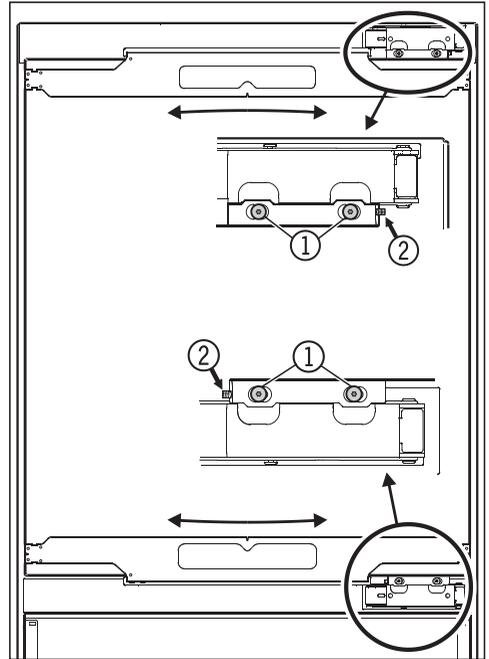
Securing the appliance in the niche



- Push the hinged side of the appliance to the cabinet wall.
- Connect the appliance to the cabinet by screwing the particle-board screws (4 x 16 mm) through the premounted brackets.
- Now attach the covers to the mounting plates.

Aligning the appliance door

The appliance comes with the door properly aligned. Realignment may be necessary if the door is heavily loaded.



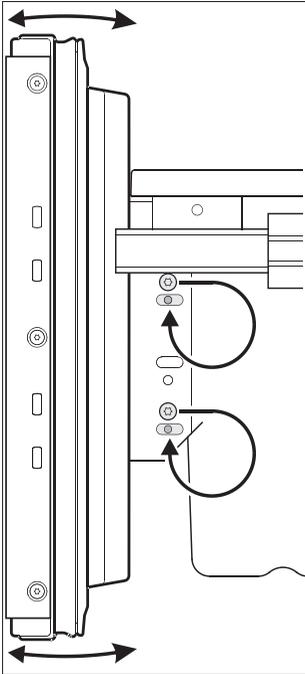
- Loosen the screws ①.
- Align the door by turning the headless screws ② with the supplied Allen key.
- Then tighten the screws ①.

Installing the Appliance

Aligning the drawer front

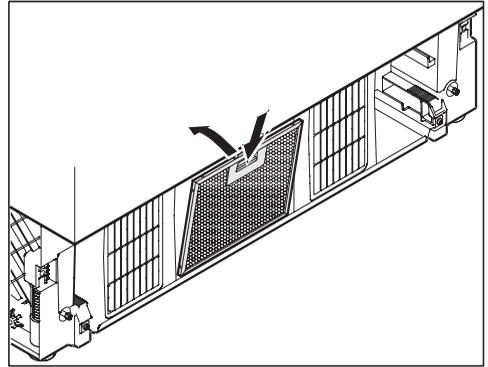
You can adjust the fronts of the freezer drawers if necessary.

Side view of the freezer drawer pulled out

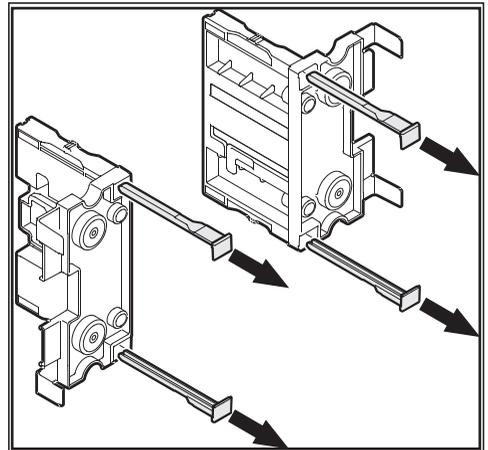


- On both sides, remove the screws and put them in the long holes below.
- Align the drawer front.
- Then tighten the screws.

Install the base cover with the ventilation slits

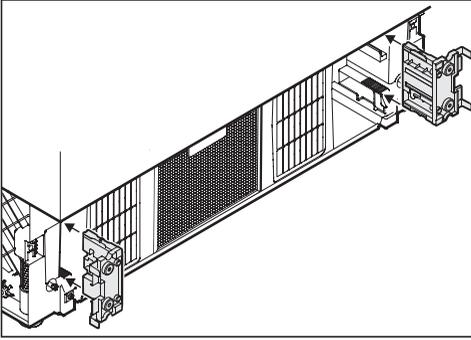


- Remove the lower freezer drawer.
- Remove the blue protective film from the supplied air filter.
- Insert the air filter into the opening in the base. Push the latch down and engage it.

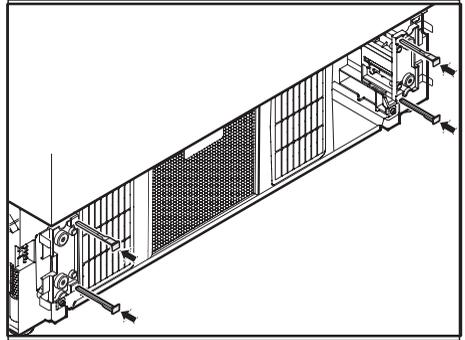


- Remove the locking pins from the supplied retainers.

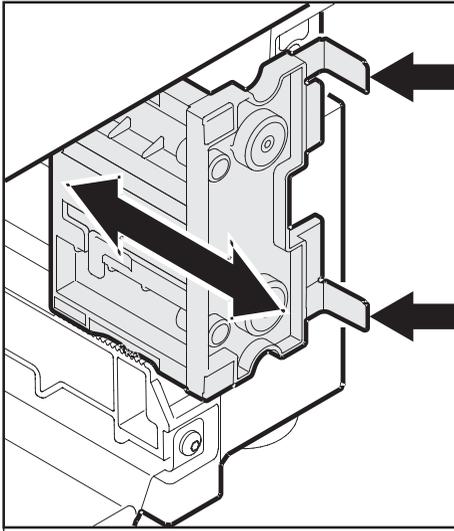
Installing the Appliance



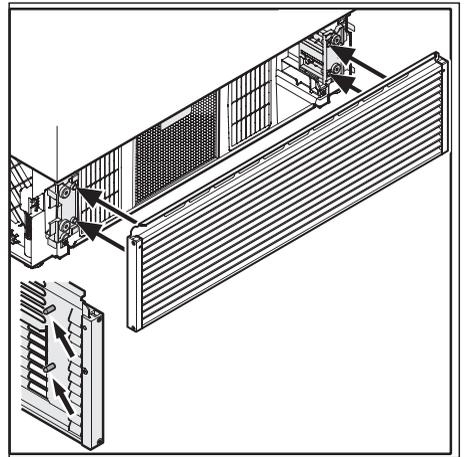
- Insert the base cover retainers on both sides into the appliance housing.



- Insert the locking pins on both sides to secure the retainers in the appliance housing.

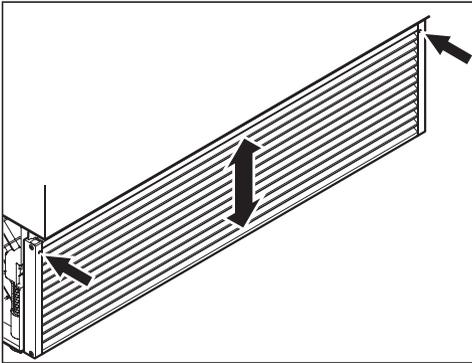


- The face end of the angles on the retainers must be flush with the front of the base cover. If this is not the case, adjust the retainers according to the depth.



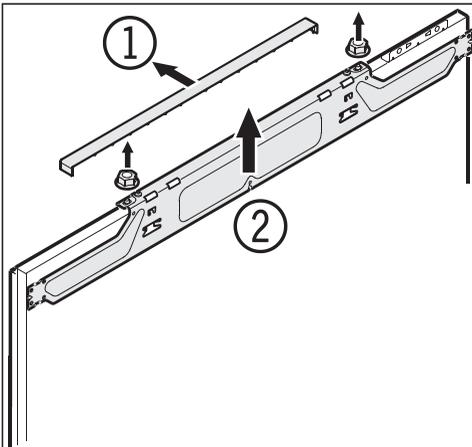
- Now install the base cover with the ventilation slits. There are two fastening bolts on each side of the base cover (see illustration detail). These fastening bolts must be inserted into the retainer holes.

Installing the Appliance



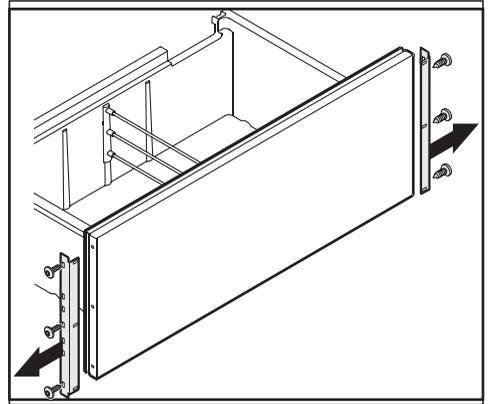
- To adjust the base cover height, first loosen the headless screws at the cover front and adjust the cover height.
- Then tighten the headless screws.

Removing the mounting rails



- Remove the cover piece ① and the upper ② and lower mounting rails of the refrigerator door.
- You will need these nuts for fastening the furniture front to the refrigerator door.

Both mounting rails will later be fastened to the furniture front of the refrigerator door.

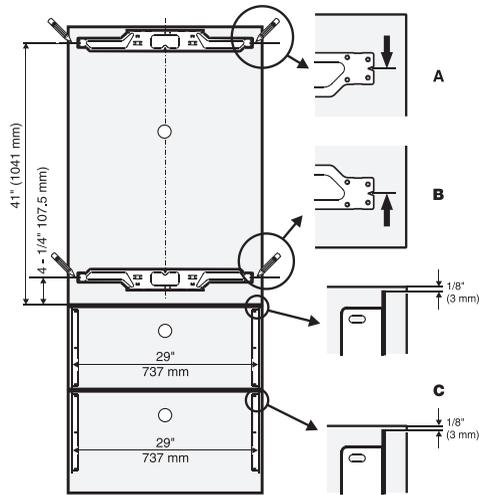


- Remove the cover caps and loosen the screws on both sides.
- Remove the mounting rails on the sides of both freezer drawers.

These mounting rails will later be installed on the furniture covers of the freezer drawers.

- You will need the nuts for fastening the furniture covers to the freezer drawers.

Installing the mounting rails on the furniture front / furniture covers

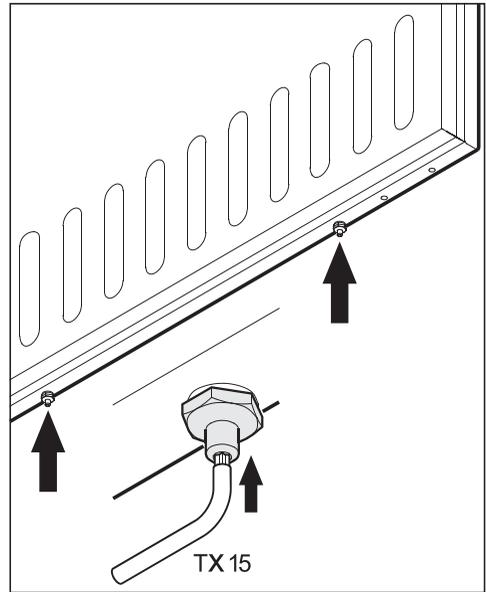


- Using a pencil, draw two thin, horizontal lines on the inside of the furniture front for the refrigerator door. The distance from the lower edge of the furniture front to the upper line is 41" (1041 mm) and to the lower line it is 4 1/4" (107.5 mm).
- Put both mounting rails on the inside of the furniture front ①. Center the mounting rails and align them with the drawn lines (see illustration details A and B).
- Fasten the mounting rails to the furniture front with at least 6 screws (5/32" x 5/8") (4 x 16 mm).
- Put the mounting rails on the inside of the furniture covers for the freezer

drawers ②. Align the mounting rails according to the dimensions in illustration detail C.

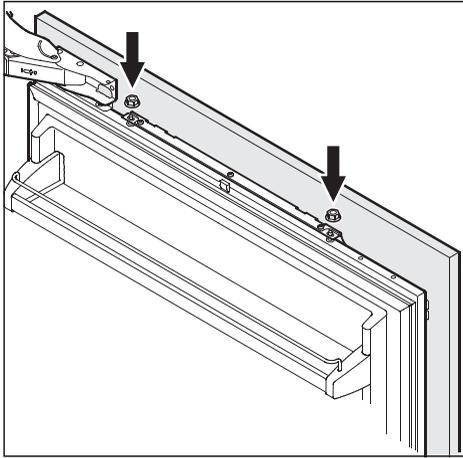
- Fasten the mounting rails to the furniture covers with at least 3 screws (5/32" x 5/8") (4 x 16 mm).

Installing the furniture front on the appliance door



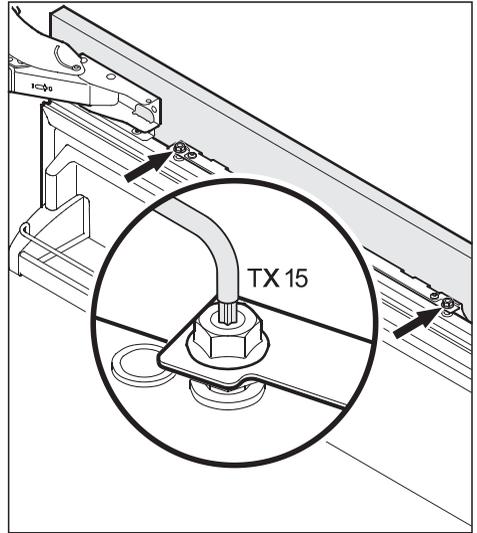
- Screw the adjustment bolts on the lower side of the appliance door as far as possible into the door.

Installing the Appliance



- Open the refrigerator door and hang the furniture front from above onto the adjustment bolts.
- Loosely screw the nuts onto the adjustment bolts.
- Close the appliance door and check the distances to the adjacent furniture doors.

Aligning the furniture front

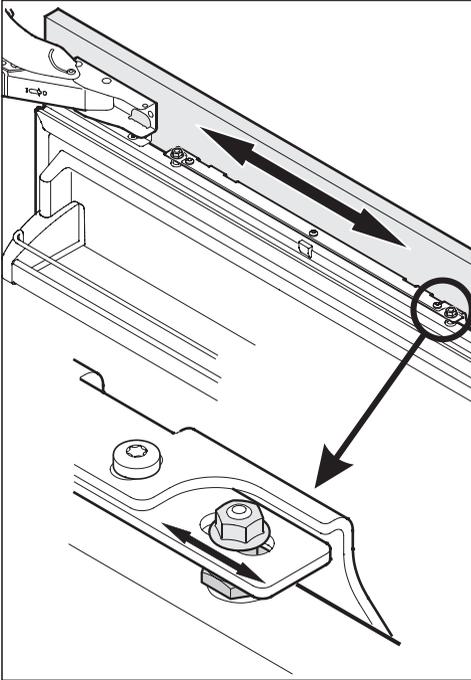


To vertically align the furniture front with the adjacent furniture doors,

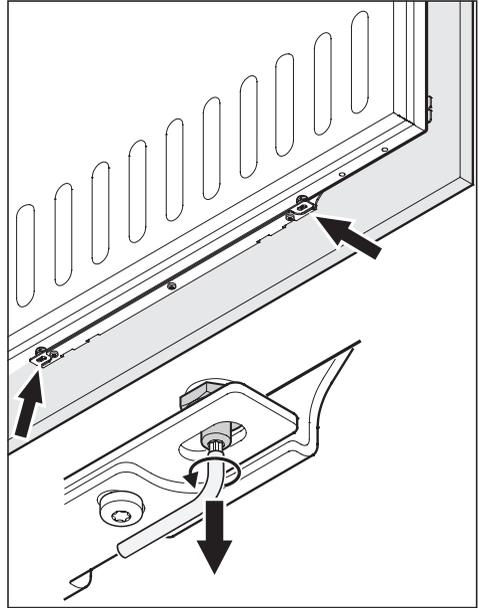
- loosen the nuts again and adjust the respective adjustment bolts.

Installing the Appliance

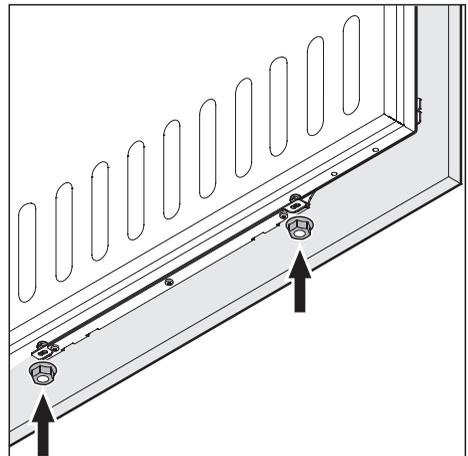
To horizontally align the furniture front with the adjacent furniture doors,



- slide the furniture door to the respective side (via the long holes in the mounting rails).
- Tighten the nuts.



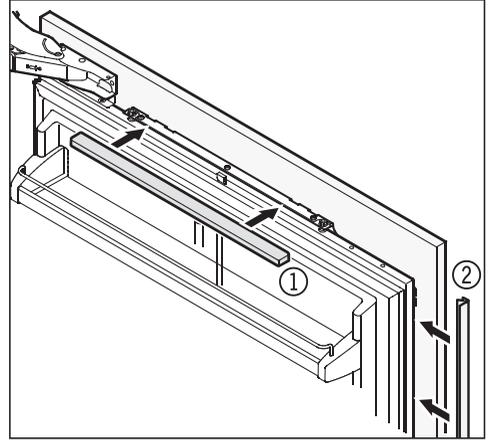
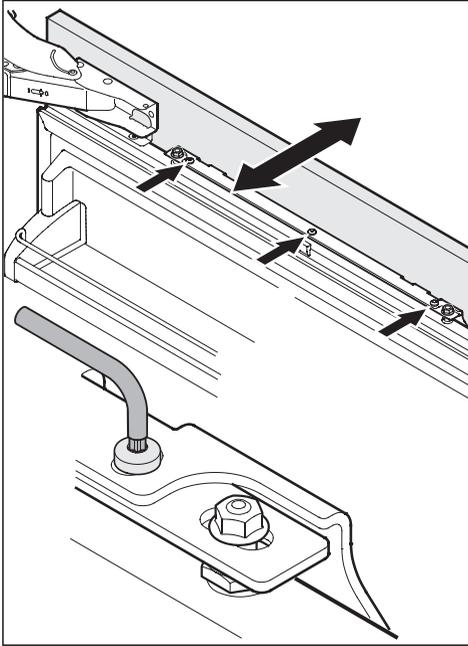
- Tighten the adjustment bolts on the lower side of the appliance door until the mounting rail sits tight on the appliance door.



- Screw the nuts onto the adjustment bolts and tighten them.

Installing the Appliance

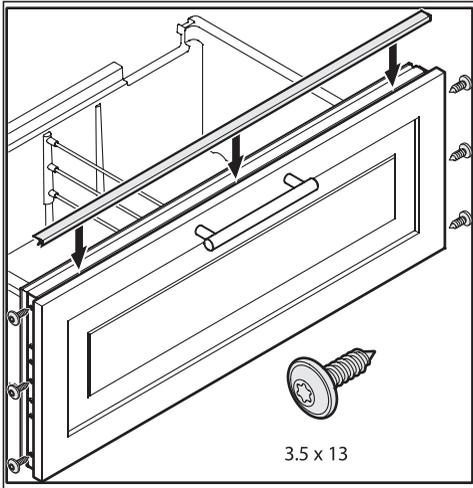
To adjust the depth of the furniture front,



- Attach the upper cover piece ①.
- Attach the supplied seals ② between appliance door and furniture front.

- loosen the three screws located on the upper side of the upper mounting rail. Now you can adjust the depth of the furniture front.
- Then tighten the screws.
- If necessary, do the same on the lower mounting rail.

Installing the furniture covers on the freezer drawers



- Now do the same on the lower freezer drawer.
- When finished, close the gap between the freezer drawer and the furniture cover with the supplied adhesive seal.
- Remove the protective foil from the adhesive side of the seal and stick the seal onto the upper edge of the freezer drawer. Make sure that the seal is properly positioned in the gap.

- Pull the upper freezer drawer out and affix both sides of the furniture cover with the screws (9/64" x 33/64") (3.5 x 13 mm).
- Close the freezer drawer and check the distance from the surrounding furniture doors.

To vertically align the furniture cover with the adjacent furniture doors,

- loosen the screws on both sides and adjust the position of the furniture cover.
- Then tighten the screws.

Be careful not to over-twist the screws. Do not use a power screwdriver.

Plumbing

All plumbing work should be carried out by a suitably qualified and competent person, in accordance with all applicable local and national regulations.

Disconnect the appliance from the electrical power supply before connecting the water line.

The water quality must conform to country requirements for drinking water.

All equipment and devices for supplying water to the appliance must comply with the current regulations for your geographical area.

The appliance must be connected to a cold water line that

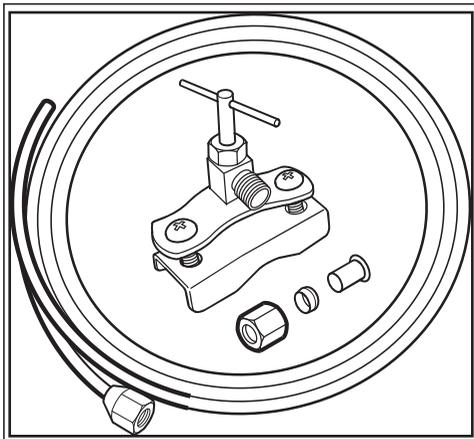
- is directly connected to the fresh water mains in order to ensure good water quality.

Avoid any water supply where the water does not run for long periods of time.
Standing water results in bad tasting ice cubes.

- designed for the operating pressure.
- fulfills the hygiene regulations.

The water pressure must be between 1.5 and 6 bar (22–87 psi).

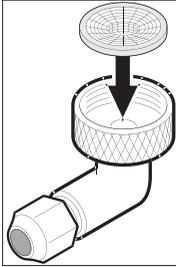
- A separate shut-off valve must be installed, so that the water supply can be interrupted as needed. If there is none, have a water valve installed by a licensed plumber. It must be easily accessible after the appliance has been installed.



- Use a 1/4" OD copper line to connect the water supply to the solenoid valve on the appliance. **This is not included with the appliance!**
- The shut-off valve must be installed between the hose line and the main water supply so the water supply can be stopped if necessary.

Do not install the shut-off valve behind the appliance!

The solenoid valve on the appliance has a metric R3/4 male connector. An R 3/4 (metric) to a 1/4" OD adapter is included with the ice maker.



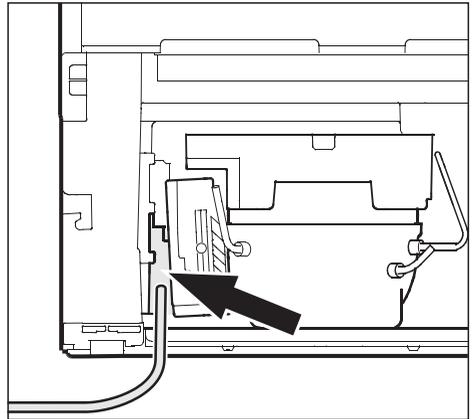
- Insert the provided water strainer into the OD adapter with the cavity facing down.

⚠ Make sure that the strainer is inserted with the cavity facing down. Otherwise the strainer could be damaged when mounting the OD adapter onto the solenoid valve.

Connecting the water supply

Before any installation or maintenance work is performed, make sure that the appliance is disconnected from the electrical supply.

- Gently push the appliance into the desired location. Leave enough space behind the appliance for connecting the water supply.

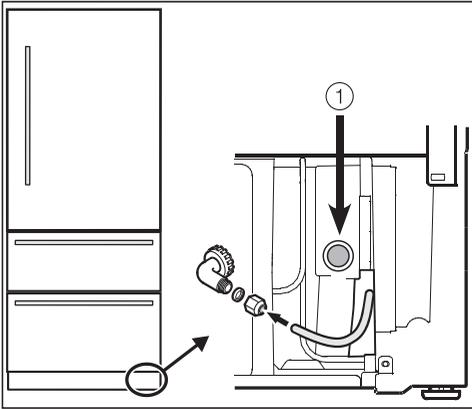


- Lay the water line to the appropriate location at the back of the appliance.
- At the same time feed the electrical cord from the back of the appliance out of the installation niche.

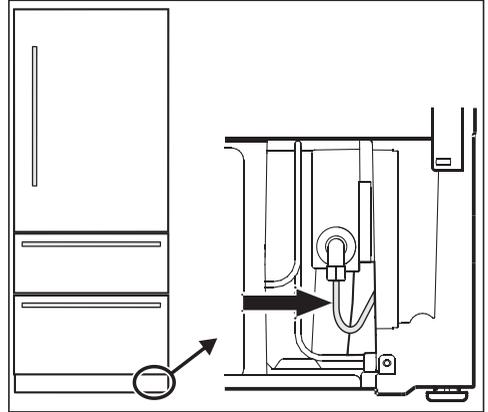
⚠ Do not plug the cord into the outlet until the water connection is completed.

Plumbing

- Gently push the appliance into the niche until the back of the appliance slides into the anti-tipping bracket (see "Installing the appliance".)



- Remove the cover from the valve connector ①.
- The water line is visible at the front of the appliance. Connect the water line to the OD adapter.
- Bleed the air from the water line by opening the water supply temporarily.



- Screw the OD adapter onto the solenoid valve.
- Open the shut-off valve for the water supply and check the entire water system for leaks.
- The appliance can now be connected to the electrical supply (see "Electrical connection").

The water inlet pipe must be primed (purged of air) by a qualified technician before using the appliance for the first time.

Connect this appliance to a 110 – 120 VAC, 15 amp circuit with a circuit breaker or fuse. This appliance should have its own separate grounded circuit. Do not use an extension cord.

The power cord is equipped with a three-prong (grounding) plug for your protection against potential electrical shock. To maintain this protection:

- Do not modify the plug by removing the round grounding prong.
- Do not use a two-prong adapter. Where a two-prong wall outlet is encountered, contact a qualified electrician and have it replaced with a three-prong outlet in accordance with the local electrical codes and regulations.
- Do not use a power cord that is frayed or damaged.
- Do not connect the appliance using an extension cord or extension socket.

The appliance must be connected to an electrical outlet that is properly grounded. The electrical installation must comply with the applicable electrical code.

The outlet must be easily accessible in an emergency and not concealed behind the appliance.

If the outlet is not easily accessible, a disconnect device for each pole must be provided. Acceptable disconnect devices are switches with a contact opening of at least 3mm. These include circuit breakers, fuses and contactors.

The plug and cable must not touch the rear of the appliance as they could be damaged by vibrations from the appliance. This could cause a short circuit.

Do not plug in other devices behind this appliance.

Do not connect the appliance to an inverter for an autonomous power supply such as a **solar power supply**, for example.

This can cause power surges and blown fuses when the appliance is switched on. The appliance electronics can also be damaged!

Likewise, the appliance must not be used with **energy-saving plugs**, because the reduction in power to the appliance will cause it to become too warm.

If any changes are needed to the household wiring or power cord, this work must be performed by a qualified electrician only.

Electrical Connection

 Do not ground to a gas pipe. Check with a qualified electrician if you are not sure the appliance is properly grounded. Do not have a fuse in the neutral or grounding circuit.

 Electrocutation hazard
Electrical grounding required. This appliance is equipped with a three-prong (grounding) polarized plug for your protection against possible shock hazards. Do not remove the round grounding prong from the plug. Do not use a two-prong grounding adapter.

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