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**Fridge-freezer
KDN..**



BOSCH

en Instruction for Use

en Table of Contents

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Safety and warning information

Before you switch ON the appliance

Please read the operating and installation instructions carefully! They contain important information on how to install, use and maintain the appliance. The manufacturer is not liable if you fail to comply with the instructions and warnings. Retain all documents for subsequent use or for the next owner.

Technical safety

The appliance contains a small quantity of environmentally friendly but flammable refrigerant R600a. Ensure that the tubing of the refrigerant circuit is not damaged during transportation and installation. Leaking refrigerant may cause eye injuries or ignite.

If damage has occurred

- Keep naked flames and/or ignition sources away from the appliance,
- thoroughly ventilate the room for several minutes,
- switch off the appliance and pull out the mains plug,

- inform customer service.

The more refrigerant an appliance contains, the larger the room must be in which the appliance is situated. Leaking refrigerant can form a flammable gas-air mixture in rooms which are too small. The room must be at least 1 m³ per 8 g of refrigerant. The amount of refrigerant in your appliance is indicated on the rating plate inside the appliance.

If the power cord of this appliance is damaged, it must be replaced by the manufacturer, customer service or a similarly qualified person. Improper installations and repairs may put the user at considerable risk.

Repairs may be performed by the manufacturer, customer service or a similarly qualified person only.

Only original parts supplied by the manufacturer may be used. The manufacturer guarantees that only these parts satisfy the safety requirements.

A extension cable may be purchased from customer service only.

Important information when using the appliance

- Never use electrical appliances inside the appliance (e.g. heater, electric ice maker, etc.). Explosion hazard!
- Never defrost or clean the appliance with a steam cleaner! The steam may penetrate electrical parts and cause a short-circuit. Risk of electric shock!
- Do not use pointed or sharp-edged implements to remove frost or layers of ice. You could damage the refrigerant tubes. Leaking refrigerant may cause eye injuries or ignite.
- Do not store products which contain flammable propellants (e.g. spray cans) or explosive substances in the appliance. Explosion hazard!
- Do not stand on or lean heavily against base of appliance, drawers or doors, etc
- For defrosting and cleaning, pull the mains plug out or switch off the fuse. Do not pull out the mains plug by tugging on the power cord.
- Store high-percentage alcohol tightly closed and standing up.

- Keep plastic parts and the door seal free of oil and grease. Otherwise, parts and door seal will become porous.
- Never cover or block the ventilation openings of the appliance!

■ **Avoiding placing children and vulnerable people at risk:**

At risk are children, people who have limited physical, mental or sensory abilities, as well as people who have inadequate knowledge concerning safe operation of the appliance.

Ensure that children and vulnerable people have understood the hazards.

A person responsible for safety must supervise or instruct children and vulnerable people who are using the appliance.

Only children from 8 years and above may use the appliance.

Supervise children who are cleaning and maintaining the appliance.

Never allow children to play with the appliance.

- Do not store bottled or canned drinks (especially carbonated drinks) in the freezer compartment. Bottles and cans may burst!
- Never put frozen food straight from the freezer compartment into your mouth.
Risk of low-temperature burns!
- Avoid prolonged touching of frozen food, ice or the evaporator pipes, etc.
Risk of low-temperature burns!

Children in the household

- Keep children away from packaging and its parts.
Danger of suffocation from folding cartons and plastic film!
- Do not allow children to play with the appliance!
- If the appliance features a lock:
keep the key out of the reach of children!

General regulations

The appliance is suitable

- for refrigerating and freezing food,
- for making ice.

This appliance is intended for use in the home and the home environment.

The appliance is suppressed according to EU Directive 2004/108/EC.

The refrigeration circuit has been checked for leaks.

This product complies with the relevant safety regulations for electrical appliances (EN 60335-2-24).

This appliance is intended for use up to a maximum height of 2000 metres above sea level.

Information concerning disposal

Disposal of packaging

The packaging protects your appliance from damage during transit. All utilised materials are environmentally safe and recyclable. Please help us by disposing of the packaging in an environmentally friendly manner.

Please ask your dealer or inquire at your local authority about current means of disposal.

Disposal of your old appliance

Old appliances are not worthless rubbish! Valuable raw materials can be reclaimed by recycling old appliances.



This appliance is labelled in accordance with European Directive 2012/19/EU concerning used electrical and electronic appliances (waste electrical and electronic equipment - WEEE). The guideline determines the framework for the return and recycling of used appliances as applicable throughout the EU.

Warning

Redundant appliances

1. Pull out the mains plug.
2. Cut off the power cord and discard with the mains plug.
3. Do not take out the trays and receptacles: children are therefore prevented from climbing in!
4. Do not allow children to play with the appliance once it has spent its useful life. Danger of suffocation!

Refrigerators contain refrigerant and gases in the insulation. Refrigerant and gases must be disposed of professionally. Ensure that tubing of the refrigerant circuit is not damaged prior to proper disposal.

Scope of delivery

After unpacking all parts, check for any damage in transit.

If you have any complaints, please contact the dealer from whom you purchased the appliance or our customer service.

The delivery consists of the following parts:

- Free-standing appliance
- Interior fittings (depending on model)
- Bag containing installation materials
- Operating instructions
- Installation manual
- Customer service booklet
- Warranty enclosure
- Information on the energy consumption and noises

Ambient temperature and ventilation

Ambient temperature

The appliance is designed for a specific climate class. Depending on the climate class, the appliance can be operated at the following temperatures.

The climate class can be found on the rating plate. Fig. 15

Climate class	Permitted ambient temperature
SN	+10 °C to 32 °C
N	+16 °C to 32 °C
ST	+16 °C to 38 °C
T	+16 °C to 43 °C

Note

The appliance is fully functional within the room temperature limits of the indicated climatic class. If an appliance of climatic class SN is operated at colder room temperatures, the appliance will not be damaged up to a temperature of +5 °C.

Ventilation

Fig. 3

The air on the rear panel and on the side panels of the appliance heats up. Conduction of the heated air must not be obstructed. Otherwise, the refrigerating unit must work harder. This increases power consumption. Therefore: Never cover or block the ventilation openings!

Connecting the appliance

After installing the appliance, wait at least 1 hour until the appliance is switched on. During transportation the oil in the compressor may have flowed into the refrigeration system.

Before switching on the appliance for the first time, clean the interior of the appliance (see chapter "Cleaning the appliance").

Electrical connection

The socket must be near the appliance and also freely accessible following installation of the appliance.

The appliance complies with the protection class I. Connect the appliance to 220–240 V/50 Hz alternating current via a correctly installed socket with protective conductor. The socket must be fused with a 10 to 16 A fuse.

For appliances operated in non-European countries, check whether the stated voltage and current type match the values of your mains supply. This information can be found on the rating plate. Fig. 15

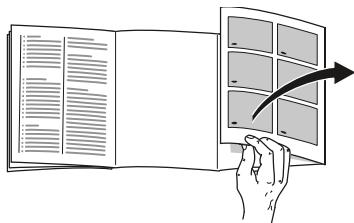


Warning

Never connect the appliance to electronic energy saver plugs.

Our appliances can be used with mains and sine-controlled inverters. Mains-controlled inverters are used for photovoltaic systems which are connected directly to the national grid. Sine-controlled inverters must be used for isolated applications (e.g. on ships or in mountain lodges) which are not connected directly to the national grid.

Getting to know your appliance



Please fold out the illustrated last page. These operating instructions refer to several models.

The features of the models may vary.

The diagrams may differ.

Fig. 1

* Not all models.

- 1-9 Controls
- 10 Light switch for freezer compartment
- 11 On/Off button
- 12 Fast freezer compartment
- 13 Light (LED)
- 14 Light switch for refrigerator compartment
- 15 Extendable glass shelf
- 16 Air outlet opening
- 17 Shelf in the refrigerator compartment
- 18 Cold storage compartment
- 19 Vegetable container
- 20 Ventilation opening
- 21 Height-adjustable feet
- 22 Door shelf
- 23 Ice maker
- 24 Ice cube container
- 25 Butter and cheese compartment
- 26 Egg rack
- 27* Door container

- 28 Door shelf
- 29 Bottle holder
- 30 Shelf for large bottles

- A Freezer compartment
- B Refrigerator compartment

Controls

Fig. 2

- 1 **Temperature display freezer compartment**
The numbers correspond to the set freezer compartment temperatures in °C.
- 2 **“timer” button**
You can use this function to set a period of time and be reminded by an acoustic signal. See chapter entitled “Special functions”.
- 3 **Mode button**
For selecting the special functions. See chapter entitled “Special functions”.
- 4 **Temperature display refrigerator compartment**
The numbers correspond to the set refrigerator compartment temperatures in °C.
- 5 **Special functions display**
See chapter entitled “Special functions”.
- 6 **Setting buttons**
You can use the “+” and “-” button to set the temperature of the refrigerator and freezer compartment. In addition, special functions can be switched on and off.

7 **Selection button for the refrigerator or freezer compartment**

To set the refrigerator or freezer compartment, press the selection button until the required area of the refrigerator or freezer compartment display is activated.

8 **“super” button**

For switching on the Super cooling (refrigerator compartment) function or Super freezing (freezer compartment) function.

See chapter entitled “Super cooling” or “Super freezing”.

9 **Alarm button**

Used to switch off the warning signal, see chapter “Alarm function”.

Switching the appliance on

Switch on the appliance with the On/Off button **1**/11.

A warning signal sounds. “AL” flashes on the temperature display 1.

Press the alarm button **2**/9.

The warning signal switches off. The warmest temperature is displayed briefly.

The factory has recommended the following temperatures:

- Refrigerator compartment: +4 °C
- Freezer compartment: -18 °C

Operating tips

- When the appliance has been switched on, it may take several hours until the set temperatures have been reached.
- The fully automatic NoFrost system ensures that the freezer compartment remains free of ice. Defrosting is no longer required.
- The sides of the housing are sometimes heated slightly. This prevents condensation in the area of the door seal.
- If the freezer compartment door cannot be immediately re-opened after it has been closed, wait until the resulting low pressure has equalised.

Setting the temperature

Fig. 2

Refrigerator compartment

The temperature can be set from +2 °C to +8 °C.

1. Press selection button 7 until refrigerator compartment display 4 is activated.
2. Keep pressing +/- buttons 6 until the required temperature is indicated.

Perishable food should not be stored above +4 °C.

Freezer compartment

The temperature can be set from -16 °C to -26 °C.

1. Press selection button 7 until freezer compartment display 1 is activated.
2. Keep pressing +/- buttons until the required temperature is indicated.

Special functions

Fig. 2

timer

You can use this function to set a period of time of 1–99 minutes. A signal reminds you, e.g. when food is to be taken out of the compartment after a certain time.

A value of 20 minutes has been preset at the factory.

Caution

Drinks bottles may crack if they are stored for longer than 20 minutes in the freezer compartment.

Switching on the function

1. Press “timer” button 2.
2. Using the +/- buttons, set the required time.

Switching off the function

Press the “timer” button 2 twice within 3 seconds.

“eco”

The “eco” function switches the appliance to energy-saving mode.

The appliance automatically sets the following temperatures:

- Refrigerator compartment: +6 °C
- Freezer compartment: -16 °C

Switching on the function

1. Press “mode” button 3 until the required special function is encircled.
2. Acknowledge the selection with the selection button “+” 6. When the function is switched on, a triangle is indicated.

Switching off the function

To switch off, reselect the special function with the “mode” button 3 and press the selection button “-” 6. The triangle behind the function disappears and is therefore switched off.

“lock”

The “lock” function can be used to safeguard the appliance from unintentional use.

Switching on the function

1. Press “mode” button 3 until the required special function is encircled.
2. Acknowledge the selection with the selection button “+” 6. When the function is switched on, a triangle is indicated.

Switching off the function

To switch off, reselect the special function with the “mode” button 3 and press the selection button “–” 6. The triangle behind the function disappears and is therefore switched off.

“holiday”

If leaving the appliance for a long period of time, you can switch the appliance over to the energy-saving holiday mode.

The temperature of the refrigerator compartment is automatically switched to +14 °C.

Do not store any food in the refrigerator compartment during this time.

Switching on the function

1. Press “mode” button 3 until the required special function is encircled.
2. Acknowledge the selection with the selection button “+” 6. When the function is switched on, a triangle is indicated.

Switching off the function

To switch off, reselect the special function with the “mode” button 3 and press the selection button “–” 6. The triangle behind the function disappears and is therefore switched off.

Alarm function

In the following cases an alarm may be actuated:

Door opening alarm

If the appliance is left open for longer than one minute, the door alarm (continuous sound) switches on. Close the door or press the Alarm button 9 to switch the warning signal off again.

Temperature alarm

The temperature alarm switches on if the freezer compartment is too warm and the frozen food is at risk of thawing.

“AL” flashes on the display 1 and “alarm” is displayed.

When the alarm button 2/9 is pressed, the freezer compartment display 2/1 indicates for 10 seconds the warmest temperature reached in the freezer compartment.

Then this value is deleted. The freezer compartment temperature display 2/1 then indicates the set temperature.

The alarm may switch on without any risk to the frozen food:

- when the appliance is switched on,
- when large quantities of fresh food are placed in the appliance,
- if the freezer compartment door is open too long.

Note

Do not refreeze thawing or thawed food. Only ready meals (boiled or fried) may be refrozen.

No longer store the frozen produce for the max. storage period.

Fast cooling alarm

The fast cooling alarm switches on if the function for the fast cooling of drinks was switched on with the timer button 2/2.

The drinks are cooled ready.

Usable capacity

Information on the usable capacity can be found inside your appliance on the rating plate. Fig. 15

Fully utilising the freezer volume

The maximum amount of food can be placed in the freezer by removing the following fittings.

Removing the fittings

- The door shelf can be taken out. Fig. 4
- If appliances feature an ice maker, the latter can be taken out. Fig. 5

Refrigerator compartment

The refrigerator compartment is the ideal storage location for ready meals, cakes and pastries, preserved food, condensed milk, hard cheese, fruit and vegetables sensitive to cold.

Note when loading products

Wrap or cover food before placing in the appliance. This will retain the aroma, colour and freshness of the food. In addition, flavours will not be transferred between foods and the plastic parts will not become discoloured.

Note

Avoid contact between food and rear panel. Otherwise the air circulation will be impaired.

Food or packaging could freeze to the rear panel.

Note the chill zones in the refrigerator compartment

The air circulation in the refrigerator compartment creates different chill zones:

- **Coldest zone**
is on the rear panel inside the appliance and on the cold storage compartment. Fig. 1/18

Note

Store perishable food e.g. fish, sausage, meat in the coldest zones.

- **Warmest zone**
is at the very top of the door.

Note

Store e.g. hard cheese and butter in the warmest zone. Cheese can then continue to release its flavour and the butter will still be easy to spread.

Vegetable container with humidity controller

Fig. 7

The vegetable container is the optimum storage location for fresh fruit and vegetables. A humidity controller and a special seal can be used to adjust the air humidity in the vegetable container. This allows fresh fruit and vegetables to be stored twice as long as with conventional storage.

The air humidity in the vegetable container can be set according to the type and amount of products to be stored:

- Mainly fruit as well as for a large load – lower air humidity
- Mainly vegetables as well as for a mixed load or small load – higher air humidity

Notes

- Fruit sensitive to cold (e.g. pineapple, banana, papaya and citrus fruit) and vegetables sensitive to cold (e.g. aubergines, cucumbers, zucchini, peppers, tomatoes and potatoes) should be stored outside the refrigerator at temperatures of approx. +8 °C to +12 °C for optimum preservation of quality and flavour.
- Condensation may form in the vegetable container depending on the type and quantity of products stored. Remove condensation with a dry cloth and adjust air humidity in the vegetable container with the humidity controller.

Super cooling

Super cooling sets the refrigerator temperature to the coldest temperature setting for approx. 6 hours. Then the appliance automatically switches to the temperature set prior to super cooling mode.

Switch on super cooling mode, e.g.

- before placing large quantities of food in the refrigerator compartment.
- for the fast cooling of drinks.

Switching on and off

Fig. 2

1. Press selection button 7 until refrigerator compartment display 4 is activated.
2. Press “super” button 8.

When super cooling is switched on, the refrigerator compartment display indicates “SU” and “super”.

Freezer compartment

Use the freezer compartment

- To store deep-frozen food.
- To make ice cubes.
- To freeze food.

Note

Ensure that the freezer compartment door has been closed properly. If the door is open, the frozen food will thaw. The freezer compartment will become covered in thick ice. Also: waste of energy due to high power consumption!

Max. freezing capacity

Information about the max. freezing capacity within 24 hours can be found on the rating plate. Fig. 15

Freezing and storing food

Purchasing frozen food

- Packaging must not be damaged.
- Use by the “use by” date.
- Temperature in the supermarket freezer must be -18 °C or lower.
- If possible, transport deep-frozen food in an insulated bag and place quickly in the freezer compartment.

Note when loading products

Freeze large quantities of food in the fast freezer compartment where food freezes particularly quickly and therefore also gently.

Food which is already frozen must not come into contact with the food which is to be frozen.

Freezing fresh food

Freeze fresh and undamaged food only.

To retain the best possible nutritional value, flavour and colour, vegetables should be blanched before freezing. Aubergines, peppers, zucchini and asparagus do not require blanching.

Literature on freezing and blanching can be found in bookshops.

Note

Keep food which is to be frozen away from food which is already frozen.

- The following foods are suitable for freezing:
Cakes and pastries, fish and seafood, meat, game, poultry, vegetables, fruit, herbs, eggs without shells, dairy products such as cheese, butter and quark, ready meals and leftovers such as soups, stews, cooked meat and fish, potato dishes, soufflés and desserts.
- The following foods are not suitable for freezing:
Types of vegetables, which are usually consumed raw, such as lettuce or radishes, eggs in shells, grapes, whole apples, pears and peaches, hard-boiled eggs, yoghurt, soured milk, sour cream, crème fraîche and mayonnaise.

Packing frozen food

To prevent food from losing its flavour or drying out, place in airtight containers.

1. Place food in packaging.
2. Remove air.
3. Seal the wrapping.
4. Label packaging with contents and date of freezing.

Suitable packaging:

Plastic film, tubular film made of polyethylene, aluminium foil, freezer containers.
These products are available from specialist outlets.

Unsuitable packaging:

Wrapping paper, greaseproof paper, cellophane, bin liners and used shopping bags.

Items suitable for sealing packaged food:

Rubber bands, plastic clips, string, cold-resistant adhesive tape, etc.

Bags and tubular film made of polyethylene can be sealed with a film heat sealer.

Shelf life of frozen food

Storage duration depends on the type of food.

At a temperature of -18 °C:

- Fish, sausage, ready meals and cakes and pastries:
up to 6 months
- Cheese, poultry and meat:
up to 8 months
- Vegetables and fruit:
up to 12 months

Super freezing

Food should be frozen solid as quickly as possible in order to retain vitamins, nutritional value, appearance and flavour.

Several hours before placing fresh food in the freezer compartment, switch on super freezing to prevent an unwanted temperature rise.

As a rule, 4–6 hours is adequate.

This appliance runs constantly and the freezer compartment drops to a very low temperature.

If the max. freezing capacity is to be used, super freezing must be switched on for 24 hours before the fresh produce is placed in the freezer compartment.

Smaller quantities of food (up to 2 kg) can be frozen without “super freezing”.

Note

When super freezing is switched on, increased operating noises may occur.

Switching on and off

Fig. 2

1. Press selection button 7 until freezer compartment display 1 is activated.
2. Press “super” button 8.

When super freezing is switched on, the freezer compartment display indicates “SU” and “super”.

Thawing frozen food

Depending on the type and application, select one of the following options:

- at room temperature
- in the refrigerator
- in an electric oven, with/without fan assisted hot-air
- in the microwave



Caution

Do not refreeze thawing or thawed food. Only ready meals (boiled or fried) may be refrozen.

No longer store the frozen produce for the max. storage period.

Interior fittings

You can reposition the shelves inside the appliance and the door shelves as required:

- Pull shelf forwards, lower and swing out to the side.
- Raise the door shelf and remove. Fig. **4**

Special features

(not all models)

Taking out the extendable glass shelf

Fig. **11**/15

The glass shelf can be removed for cleaning. To do this, pull out shelf, lift at the front and take out.

Bottle shelf

Fig. **6** A/B

Bottles can be stored securely on the bottle shelf.

Cold storage compartment

Fig. **11**/18

The cold storage compartment has lower temperatures than the refrigerator compartment. Even temperatures below 0 °C may occur.

Ideal for storing fish, meat and sausage. Not suitable for lettuce and vegetables and produce sensitive to cold.

Drawer insert

Fig. **9**

The insert can be taken out.

Door container

Fig. **11**/27*

Ideal for the storage of sweets, spices and dressings.

Bottle holder

Fig. **11**/29

The bottle holder prevents bottles from falling over when the door is opened and closed.

Ice maker

Fig. **8**

1. Take out water container and fill with water up to the mark.
2. Carefully empty water into the storage container via the filler opening. Ensure that the water does not run into or splash onto the storage container. Otherwise, ice cubes could freeze to each other or to the container.
3. When the ice cubes are frozen, press lever down and release. The ice cubes loosen and fall into the storage container.
4. Remove ice cubes from the storage container. The ice cubes should be removed regularly from the storage container to prevent them from freezing to each other.

Drawer for sausage and cheese

Fig. **14**

The drawer can be removed for adding and removing food. Lift the drawer and pull out. The drawer holder can be adjusted.

Sticker “OK”

(not all models)

The “OK” temperature monitor can be used to determine temperatures below +4 °C. Gradually reduce the temperature if the sticker does not indicate “OK”.

Note

When the appliance is switched on, it may take 12 hours until the temperature is reached.



Correct setting

Switching off and disconnecting the appliance

Switching off the appliance

Fig. 1

Press the On/Off button 11.
Refrigerating unit and light switch off.

Disconnecting the appliance

If you do not use the appliance for a prolonged period:

1. Switch off the appliance.
2. Pull out mains plug or switch off fuse.
3. Clean the appliance.
4. Leave the appliance door open.

Defrosting

Refrigerator compartment

Defrosting is actuated automatically.

The condensation runs through the drainage hole into an evaporation pan on the rear of the appliance.

Freezer compartment

The fully automatic NoFrost system ensures that the freezer compartment remains free of ice. Defrosting is no longer required.

Cleaning the appliance

Caution

- Do not use abrasive, chloride or acidic cleaning agents or solvents.
- Do not use scouring or abrasive sponges.
The metallic surfaces could corrode.
- Never clean shelves and containers in the dishwasher.
The parts may become deformed!

Water used for cleaning must not drip into the

- slots in the front base area in the freezer compartment,
- controls,
- and light.

Proceed as follows:

1. Before cleaning: Switch off the appliance.
2. Pull out mains plug or switch off fuse.
3. Take out the frozen food and store in a cool location. Place the ice pack (if enclosed) on the food.
4. Wait until the layer of frost has thawed.
5. Clean the appliance with a soft cloth, lukewarm water and a little pH neutral washing-up liquid. The rinsing water must not run into the light.
6. Wipe the door seal with clear water only and then wipe dry thoroughly.
7. After cleaning reconnect and switch the appliance back on.
8. Put the frozen food back into the appliance.

Interior fittings

All variable parts of the appliance can be taken out for cleaning.

Take out glass shelves

Pull the glass shelves forwards and take out.

Take out shelves in the door

Fig. 4

Lift shelves upwards and take out.

Taking glass shelf out of chiller compartment

Fig. 10

Press the holder upwards and take out the glass shelf.

Note

Do not clean glass shelf of the cold storage compartment under running water.

Drawers in the refrigerator compartment

Fig. 12

Pull out the drawer all the way, lift up and remove.

To insert drawer, place the drawer on the telescopic rails and push into the appliance. Attach the drawer by pressing it down.

Note

Before the vegetable drawer can be taken out, the glass shelf above must be taken out.

Taking out glass shelf above vegetable container

Fig. 11

The glass shelf can be taken out and disassembled for cleaning.

Note

Before taking out the glass shelf, pull out vegetable container.

Light (LED)

Your appliance features a maintenance-free LED light.

These lights may be repaired by customer service or authorised technicians only.

Tips for saving energy

- Install the appliance in a dry, well ventilated room! The appliance should not be installed in direct sunlight or near a heat source (e.g. radiator, cooker).
If required, use an insulating plate.
- Allow warm food and drinks to cool down before placing in the appliance.
- Thaw frozen food in the refrigerator compartment and use the low temperature of the frozen food to cool refrigerated food.
- Open the appliance as briefly as possible.
- To avoid increased power consumption, occasionally clean the back of the appliance.
- If available:
Fit wall spacers to obtain the indicated energy rating of the appliance (see Installation instructions). A reduced wall gap will not restrict the function of the appliance. The energy rating may then increase slightly. The gap of 75 mm must not be exceeded.
- The arrangement of the fittings does not affect the energy rating of the appliance.

Operating noises

Quite normal noises

Droning

Motors are running (e.g. refrigerating units, fan).

Bubbling, humming or gurgling noises

Refrigerant is flowing through the tubing.

Clicking

Motor, switches or solenoid valves are switching on/off.

Cracking

Automatic defrosting is running.

Preventing noises

The appliance is not level

Please align the appliance with a spirit level. Use the height-adjustable feet or place packing underneath them.

The appliance is not free-standing

Please move the appliance away from adjacent units or appliances.

Containers or storage areas wobble or stick

Please check the removable parts and re-insert them correctly if required.

Bottles or receptacles are touching each other

Move the bottles or receptacles slightly away from each other.

Eliminating minor faults yourself

Before you call customer service:
 Please check whether you can eliminate the fault yourself based on the following information.
 Customer service will charge you for advice – even if the appliance is still under guarantee!

Fault	Possible cause	Remedial action
Temperature differs greatly from the set value.		In some cases it is adequate to switch off the appliance for 5 minutes. If the temperature is too high wait a few hours and check whether the temperature has approached the set value. If the temperature is too low check the temperature again the next day.
Display indicates “E.”.	Electronics have detected a fault.	Call customer service.

Fault	Possible cause	Remedial action
Warning signal sounds. “AL” flashes on the temperature display, Fig. 2/1, and “alarm” is displayed.	Fault – the freezer compartment is too warm!	To switch off the warning signal, press the “alarm” button 9. The temperature display 1 stops flashing. The temperature display 1 indicates for 10 seconds the warmest temperature which was reached in the freezer compartment.
	Frozen food is at risk!	Note Frozen food which has started thawing or which has thawed can be refrozen if meat and fish were above +3 °C for not more than one day or other frozen food for not more than three days. If taste, odour and appearance have not changed, the food can be boiled or fried and then refrozen. No longer store the frozen produce for the max. storage period.
	Appliance is open.	Close the appliance.
	Ventilation openings have been covered.	Ensure that there is adequate ventilation.
	Too much food was placed in the freezer compartment at once.	Do not exceed max. freezing capacity.
The light does not function.	The LED light is defective.	See chapter “Light (LED)” section.
	Appliance was open too long. Light is switched off after approx. 10 min.	When the appliance is closed and opened, the light is on again.
Controls have reduced luminosity.	When the appliance is not used for some time, the display on the fascia switches to energy saving mode.	As soon as the appliance is again used, e.g. the door is opened, the display switches back to normal illumination.
Displays do not illuminate.	Power failure; the fuse has been switched off; the mains plug has not been inserted properly.	Connect mains plug. Check whether the power is on, check the fuses.

Fault	Possible cause	Remedial action
The temperature in the freezer compartment is too warm.	Appliance opened frequently.	Do not open the appliance unnecessarily.
	The ventilation openings have been covered.	Remove obstacles.
	Large quantities of fresh food are being frozen.	Do not exceed max. freezing capacity.
Freezer compartment door was open for a long time; temperature is no longer reached.	The evaporator (refrigeration generator) in the NoFrost system is covered in thick ice and can no longer be defrosted fully automatically.	To defrost the evaporator, remove the frozen food with the compartments, insulate well and store in a cool location. Switch off the appliance and move it away from the wall. Leave the appliance door open. After approx. 20 min. the condensation begins to run into the evaporation pan, at the rear of the appliance. Fig. 13 To prevent the evaporation pan from overflowing in this case, mop up the condensation with a sponge. The evaporator is defrosted when the water stops running into the evaporation pan. Clean the interior. Switch the appliance back on again.

Customer service

Your local customer service can be found in the telephone directory or in the customer-service index. Please provide customer service with the appliance product number (E-Nr.) and production number (FD).

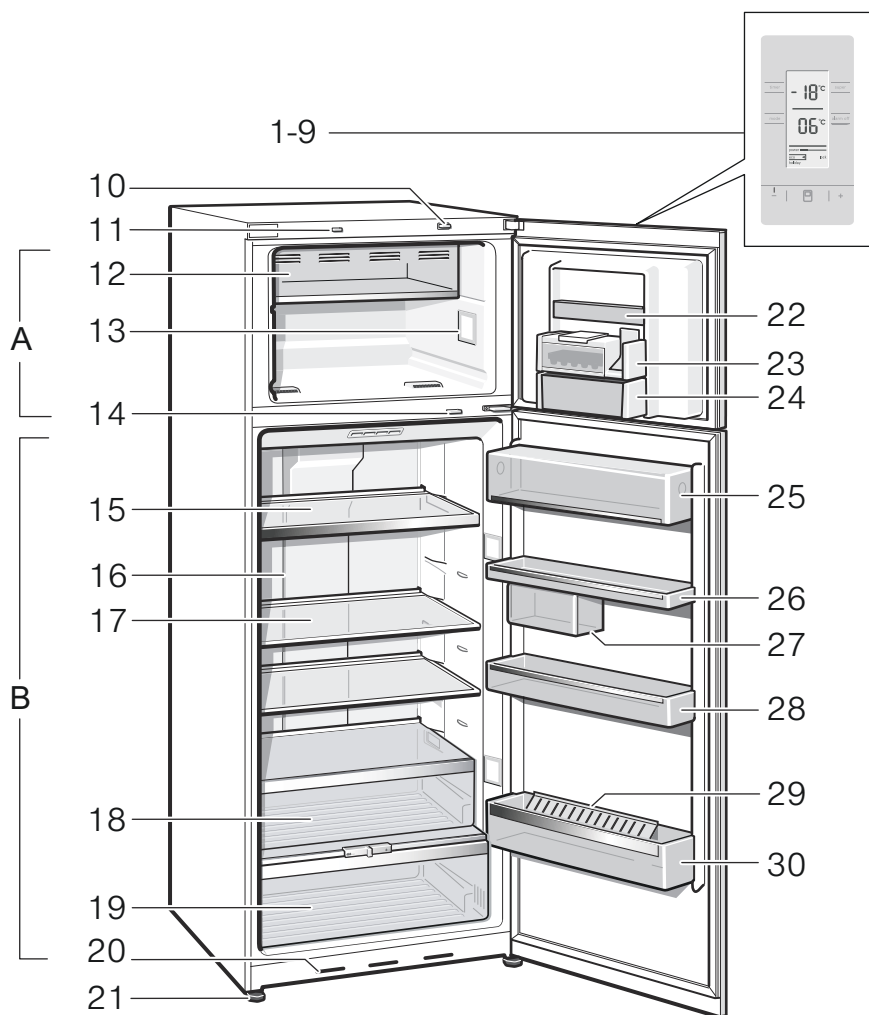
These specifications can be found on the rating plate. Fig. **15**

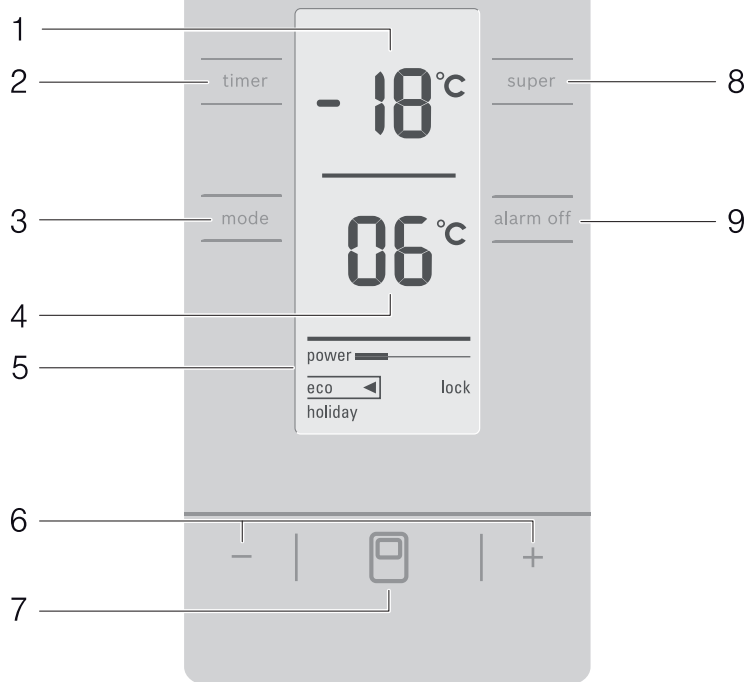
To prevent unnecessary call-outs, please assist customer service by quoting the product and production numbers. This will save you additional costs.

Repair order and advice on faults

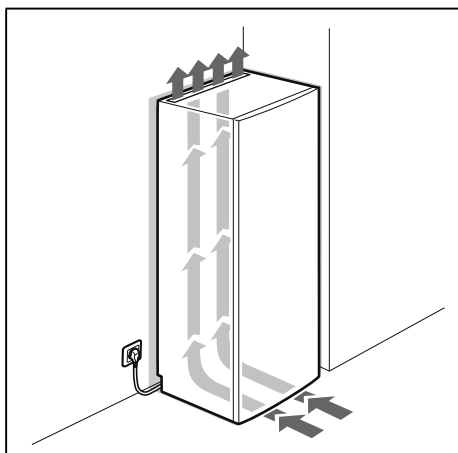
Contact information for all countries can be found on the enclosed customer service list.

GB	0344 892 8979	Calls charged at local or mobile rate.
IE	01450 2655	0.03 € per minute at peak. Off peak 0.0088 € per minute.
US	800 944 2904	toll-free

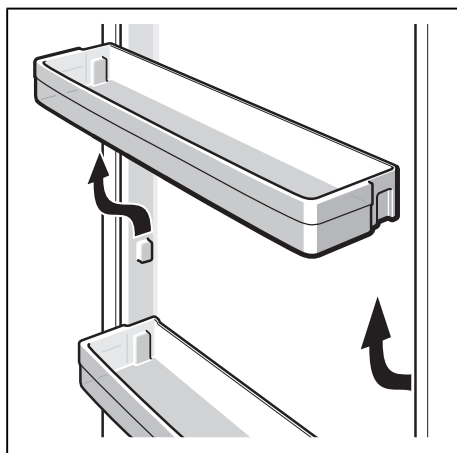




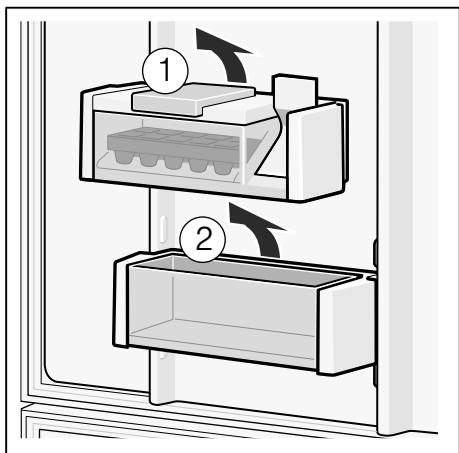
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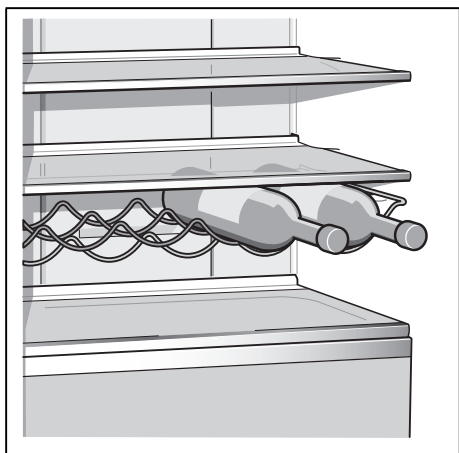
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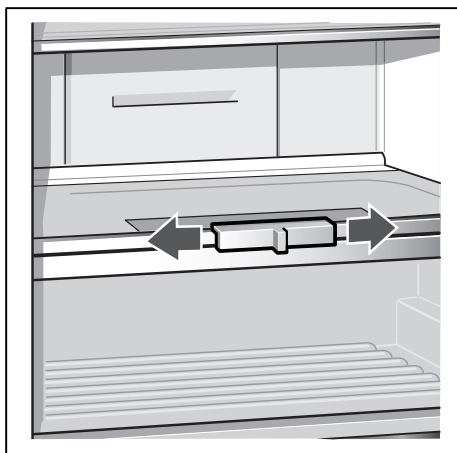
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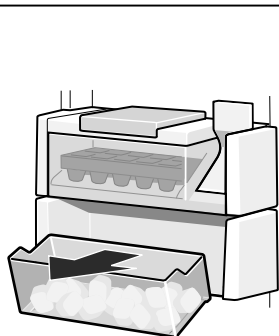
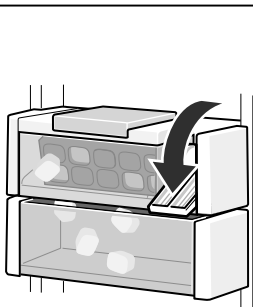
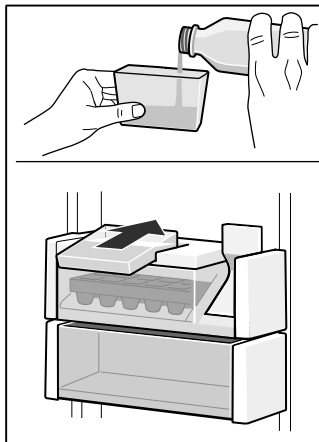
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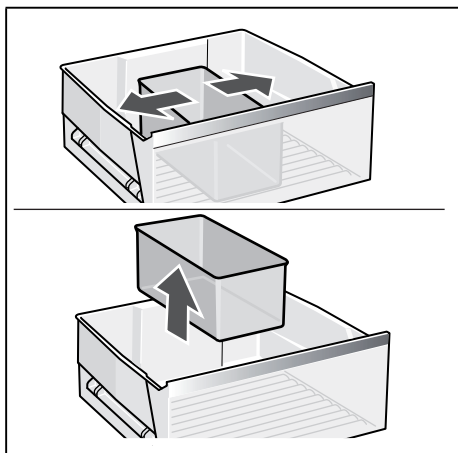
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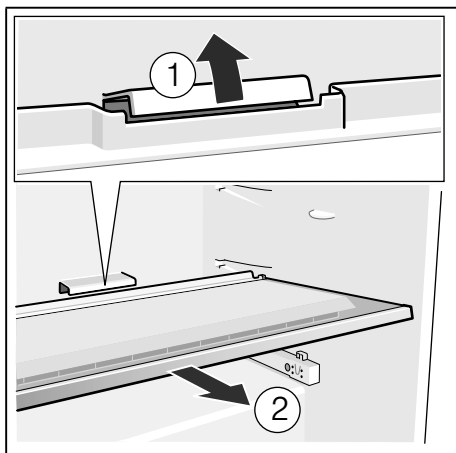
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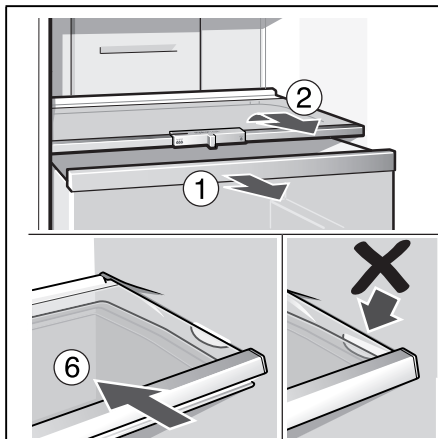
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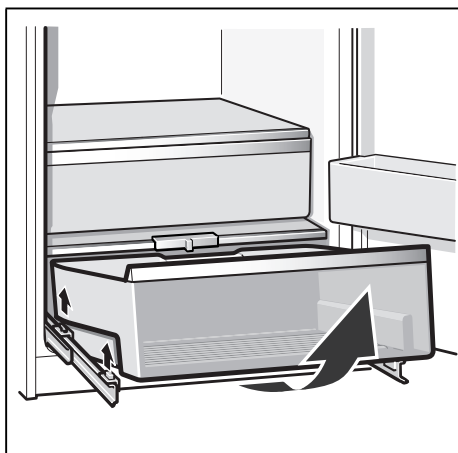
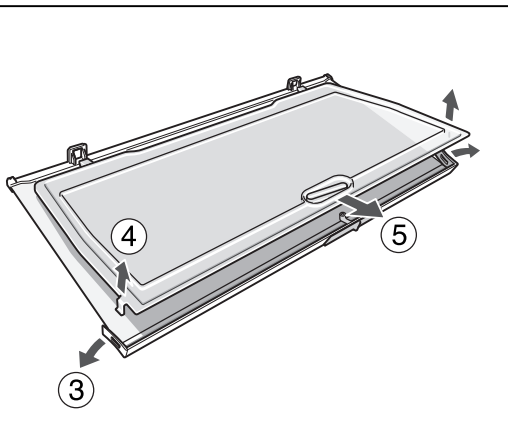
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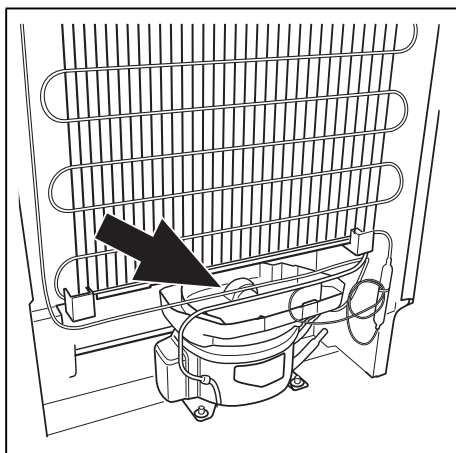
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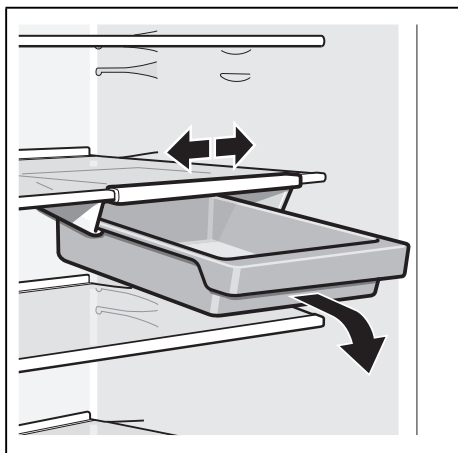
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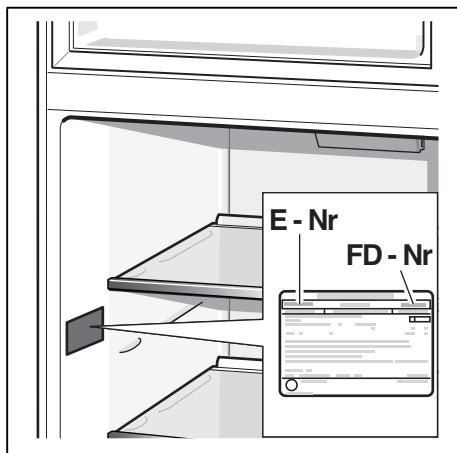
12



13



14



15

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