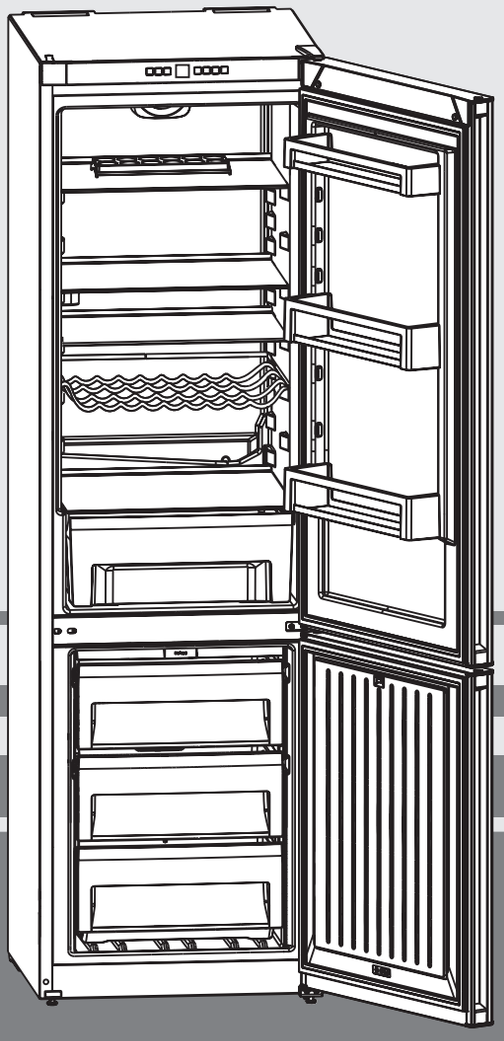
Operating instructions
Combined fridge-freezer

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CN(P)(el)(ef)(be)(mw)(fb)(kw)(no) 42../43../47../48..

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The manufacturer works constantly on the further development of all the types and models. Therefore please understand that we have to reserve the right to make design, equipment and technical modifications.

To get to know all the benefits of your new appliance, please read the information contained in these instructions carefully.

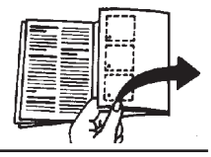
The instructions apply to several models. Differences may occur. Text relating only to specific appliances is marked with an asterisk (*).

Instructions for action are marked with a ▶, the results of action are marked with a ▷.

1 Appliance at a glance

1.1 Overview of the appliance and equipment

Please fold out the last page with the illustrations.



Note

▶ Place food inside the appliance as shown in the diagram. This allows the appliance to save energy during operation.

▶ Shelves, drawers and baskets are arranged for optimum energy efficiency on delivery.

Fig. 1

(1) Controls
(2) Door rack, adjustable*
(3) Bottle shelf*
(4) Vegetable crisper
(5) Coldest zone
(6) Drain opening
(7) Shelf, adjustable
(8) Egg tray
(9) Type plate
(10) Freezer drawer
(11) VarioSpace
(12) Ice cube tray
(13) Front adjustable feet
(14) Transport handles
(15) Bottle rack

1.2 Appliance range of use

The appliance is only suitable for refrigerating food in a domestic or domestic-like environment. This includes, for example, using

- in staff kitchens, bed and breakfast establishments,
- by guests in country houses, hotels, motels and other accommodation,
- for catering and similar services in the wholesale trade.

All other types of use are not permitted.

Foreseeable misuse

The following applications are expressly prohibited:

- Storing and refrigerating medicines, blood plasma, laboratory preparations or similar substances and products based on the Medical Device Directive 2007/47/EC
- Use in areas at risk of explosions
- Use on moving substrates, such as ships, rail travel or aeroplanes
- Storing live animals

Misusing the appliance may lead to damage to the goods stored or they may spoil.

Climate classifications

Depending on its climate class, the appliance is designed for operation within certain ambient temperature limits. The correct climate rating for your appliance is indicated on the type plate.

Note

▶ Keep to the specified ambient temperatures in order to guarantee that the appliance works properly.

Climate class	for ambient temperatures from
SN	10 °C up to 32 °C
N	16 °C up to 32 °C
ST	16 °C up to 38 °C
T	16 °C up to 43 °C

1.3 Conformity

The refrigerant circuit has been tested for leaks. The appliance meets the relevant safety conditions and the directives 2014/35/EU, 2014/30/EU, 2009/125/EC, 2011/65/EU and 2010/30/EU.

1.4 Product data

Product data is included with the appliance, as per Directive (EU) 2017/1369. The complete product data sheet is available on the Liebherr website under Downloads.

1.5 Installation dimensions

Fig. 2

	h	a	b	c	d
CN(el) 4213	1861	600	655*	610	1198*
CN(P)(el)(ef)(be)(mw)(fb)(kw)(no)4313	1861	600	655*	610	1198*
CN(P)(el)(ef)4813	2011	600	655*	610	1198*

* according to model and design

CN(el)4713	2011	600	655[x]	610	1198[x]

[x] For appliances supplied with wall spacers, the measurement increases by 35 mm (see 4.2).

1.6 Saving energy

- Pay attention to good ventilation. Do not cover ventilation holes or grids.
- Always keep the fan air slits clear.
- Do not install the appliance in direct sunlight, next to an oven, radiator or similar.
- Energy consumption is dependent on the installation conditions, e.g. ambient temperature (see 1.2) . If the ambient temperature deviates from the standard temperature of 25°C, the energy consumption may differ.
- Open the appliance for as short a time as possible.
- The lower the temperature is set, the higher the energy consumption.
- Sort food before arranging (see Appliance at a glance).
- Store all food well packaged and covered. A build up of frost is avoided.
- Only take food out for as long as necessary so that it doesn't warm up too much.
- Inserting hot food: let it cool to room temperature first.
- Thaw frozen food in the refrigerator.
- If you intend to be on holiday for a long time empty the refrigerator and switch it off.
- Dust deposits increase energy consumption:
- For refrigerators with heat exchangers dust the metal grid on the back of the appliance once a year. **Fig. 10**

2 General safety information

Danger for the user

- This device can be used by children and people with impaired physical, sensory or mental abilities or with a lack of experience and knowledge provided that they are supervised or have received instruction in the safe use of this device, and about the resulting hazards. Children must not play with this appliance. Cleaning and user maintenance work must not be carried out by children without adult supervision. Children aged between 3 and 8 are allowed to load and unload the appliance. Children below the age of 3 must be kept away from the appliance unless they are under continuous adult supervision.
- When disconnecting the appliance from the supply, always take hold of the plug. Do not pull the cable.
- In the event of a fault pull out the mains plug or deactivate the fuse.
- Do not damage the mains power cable. Do not operate the appliance with a defective mains power cable.
- Have any repairs to or intervention in the appliance, and any change of the mains power cable, carried out by the customer service only or by other specialised personnel trained for the purpose.
- Only assemble, connect and dispose of the appliance according to the instructions.
- Please keep these instructions in a safe place and pass them on to any subsequent owners.
- Special-purpose lamps (incandescent lamps, LEDs, fluorescent tubes) in the appliance serve to illuminate the appliance interior and are not suited for room illumination.

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Fire hazard:

- The coolant used (information on the model plate) is eco-friendly but also flammable. Any leaking coolant may ignite.
  - Do not damage the refrigerant circuit pipes.
  - Do not allow naked flames or ignition sources to enter the appliance.
  - Do not use any electrical appliances in the interior (e.g. steam cleaners, heaters, ice cream maker etc.).
  - If refrigerant escapes: remove any naked flames or sources of ignition from the leakage area. Ventilate the room well. Notify the after-sales service.
- Do not store explosives or sprays using combustible propellants such as butane, propane, pentane, etc. in the appliance. To identify these spray cans, look for the list of contents printed on the can, or a flame symbol. Gases possibly escaping may ignite due to electrical components.
- Keep burning candles, lamps and other items with naked flames away from the appliance so that they do not set the appliance on fire.
- Please be sure to store alcoholic drinks or other packaging containing alcohol in tightly closed containers. Any alcohol that leaks out may be ignited by electrical components.

Danger of tipping and falling:

- Do not misuse the plinth, drawers, doors etc. as a step or for support. This applies particularly to children.

Danger of food poisoning:

- Do not consume food which has been stored too long.

Danger of frostbite, numbness and pain:

- Avoid lasting skin contact with cold surfaces or refrigerated/frozen food or take protective steps, e.g. wear gloves. Do not consume ice cream, water ice or ice cubes immediately and do not consume them too cold.

Danger of injury and damage:

- Hot steam can lead to injury. Do not use electrical heating or steam cleaning equipment, open flames or defrosting sprays to defrost.
- Do not use sharp implements to remove the ice

Danger of crushing:

- Do not hold the hinge when opening and closing the door. Fingers may get caught.

Symbols on the appliance:

	The symbol can be located on the compressor. It refers to the oil in the compressor and indicates the following danger: Swallowing or inhaling can be fatal. This is only relevant for recycling. There is no danger in normal operation.

	This symbol is found on the compressor and indicates the danger of flammable materials.
	A sticker to this effect may be applied to the rear of the appliance. It refers to the foampadded panels in the door and/or the housing. This is only relevant for recycling. Do not remove the sticker.

Please observe the specific information in the other sections

	DANGER	identifies a situation involving direct danger which, if not obviated, may result in death or severe bodily injury.
	WARNING	Iidentifies a dangerous situation which, if not obviated, may result in death or severe bodily injury.
	CAUTION	identifies a dangerous situation which, if not obviated, may result in minor or medium bodily injury.
	NOTICE	identifies a dangerous situation which, if not obviated, may result in damage to property.

	Note	Identifies useful information and tips.

3 Controls and displays

3.1 Operating controls

Fig. 11

(1) On/Off button, fridge section
(2) Ventilation button
(3) Adjustment button, fridge section
(4) Temperature display, fridge section
(5) Temperature display, freezer section
(6) Adjustment button, freezer section
(7) SuperFrost button
(8) Alarm button
(9) On/Off button, freezer section
(10) SuperFrost symbol
(11) Alarm symbol
(12) Sabbath Mode symbol
(13) Menu symbol
(14) Child lock symbol
(15) Ventilation symbol

3.2 Temperature display

The following are displayed in normal mode:
- the set freezer temperature
- the set fridge temperature

The temperature display on the freezer section flashes:
- the temperature setting is being changed
- the temperature is not yet sufficiently cold after switching on
- the temperature has risen by several degrees

4 Putting into operation

~~4.1 Transporting the appliance~~

CAUTION

Risk of injury and danger of damage as a result of incorrect transport!

▶ Transport the appliance in a packed condition.
▶ Transport the appliance upright.
▶ Do not transport the appliance without assistance.

4.2 Installing the appliance

WARNING

Fire hazard due to dampness!
If live parts or the mains lead become damp this may cause short circuits.

▶ The appliance is designed for use in enclosed areas. Do not operate the appliance outdoors or in areas where it is exposed to splash water or damp conditions.

WARNING

Risk of fire due to short circuit!
If the mains cable/connector of the appliance or of another appliance touch the rear of the appliance, the mains cable/connector may be damaged by the appliance vibrations, leading to a short circuit.

▶ IStand the appliance so that it is not touched by connectors or main cables.
▶ Do not plug the appliance or any others into sockets located near the rear of the appliance.

WARNING

Fire hazard due to refrigerant!
The coolant used is eco-friendly but also flammable. Any leaking coolant may ignite.

▶ Do not damage the piping of the refrigeration circuit.

WARNING

Fire hazard and danger of damage!

▶ Do not place appliances emitting heat e.g. microwaves, toasters etc. on the appliance!

WARNING

Blocked ventilation openings pose a risk of fire and damage!

▶ Always keep the ventilation openings clear. Always ensure that the appliance is properly ventilated!

NOTICE

Risk of damage due to condensate!

▶ Do not install the appliance directly alongside a further refrigerator/freezer.

Note

If you have several appliances next to one another, leave a gap of 100mm between appliances. Otherwise condensation will build up between the units.

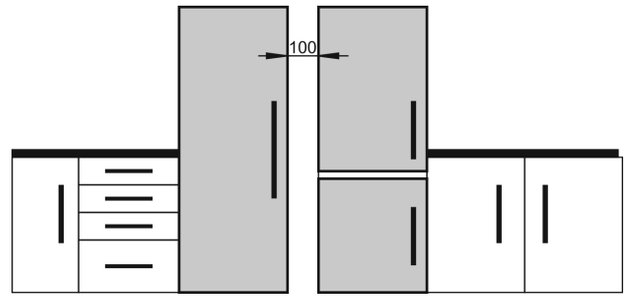


Fig. 7

❑ In the event that the appliance is damaged, contact the supplier immediately before connecting to the mains.
❑ The floor at the site must be flat and level.

- ❑ Do not install the appliance in a location where it is exposed to direct radiation of the sun, next to a cooker, heater and similar.
- ❑ Always stand the appliance backed directly to the wall using the enclosed wall spacers (see below).
- ❑ The appliance may be moved only when it is empty.
- ❑ The surface supporting the appliance must be at the same level as the surrounding floor.
- ❑ Do not install the appliance without assistance.
- ❑ The more coolant there is in the appliance, the larger the room in which the appliance is installed must be. If the room is too small, any leak may create a flammable mixture of gas and air. For each 8 g of coolant the installation space must be at least 1 m3. Information on the coolant is on the model plate inside the appliance.

▶ Detach the connecting cable from the rear of the appliance, removing the cable holder at the same time because otherwise there will be vibratory noise!
▶ Remove the protective film from the outside of the appliance.*
▶ Remove all transit supports.

The spacers supplied with some appliances must be used to achieve the stated energy consumption. These will extend the depth of the appliance by approx. 35 mm. The appliance is fully functional if the spacers are not used, but does have a slightly higher energy consumption.

▶ **Fig. 9** In the case of an appliance with enclosed wall spacers, mount the wall spacers on the back of the appliance at the top left and right.
▶ Dispose of packaging material. (see 4.5)
▶ **Fig. 4** Align the appliance so that it stands firmly and on a level by applying the accompanying spanner to the adjustable-height feet (A) and using a spirit level. Then support the door: Extend the adjustable foot at the turn hinge (B) until it rests on the floor and then make a further 90° turn.

Note
▶ Clean the appliance (see 6.2).

If the appliance is installed in a very damp environment, condensate may form on the outside of the appliance.
▶ Always see to good ventilation at the installation site.

4.3 Changing over the door hinges

You can change over the door hinges if necessary:



▶ **see assembly instructions provided.**
Ensure that the following tools are to hand:
❑ Torx® 25
❑ Screwdriver
❑ Cordless screwdriver, if necessary
❑ Second person for fitting work, if needed

Note
▶ Remove any food from the door racks before removing the door, so that no food falls out.

CAUTION
Risk of injury if the door tips!
▶ Take good hold of the door.
▶ Set down the door carefully.

WARNING
Risk of injury due to the door dropping out!
If the bearing parts are not screwed into place firmly enough, the door may drop out. This may lead to severe injuries. What is more, the door may not close and therefore the appliance may fail to cool properly.
▶ Screw the turn hinges firmly into place with 4 Nm.
▶ Check all of the screws and retighten if necessary.

4.4 Insertion into a row of kitchen units

The appliance can be fitted into kitchen units.



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▶ **see assembly instructions provided.**
Ventilation requirements:

A [mm]	B [mm]	C [cm²]	D [mm]	E [mm]
655 x	75	min. 300	min. 50	min. 19

x This dimension increases by 35 mm in case of appliances with wall spacer brackets attached (see 4.2).
The appliance may protrude further, depending on the depth of the kitchen units and the use of wall spacer brackets.

ATTENTION
Risk of damage to the appliance due to overheating with insufficient ventilation!
The compressor may be damaged with insufficient ventilation.
▶ Ensure sufficient ventilation.
▶ Observe the ventilation requirements.

4.5 Disposing of packaging

WARNING
Danger of suffocation due to packing material and plastic film!
▶ Do not allow children to play with packaging material.

The packaging is made of recyclable materials:
- corrugated board/cardboard
- expanded polystyrene parts
- polythene bags and sheets
- polypropylene straps
- nailed wooden frame with polyethylene panel*

▶ Take the packaging material to an official collecting point.

4.6 Connecting the appliance

NOTICE
Failure to connect properly
Damage to the electronics.
▶ Do not use a standalone inverter.
▶ Do not use an energy saving plug.

WARNING
Failure to connect properly Fire.
▶ Do not use an extension cable.
▶ Do not use distributor blocks.

The type of current (alternating current) and voltage at the installation site have to conform with the data on the type plate (see Appliance at a glance).
The socket must be properly earthed and fused. The tripping current for the fuse must be between 10 A and 16 A.
The socket must be easily accessible so that the appliance can be quickly disconnected from the supply in an emergency. It must be outside the area of the rear of the appliance.
▶ Check the electrical connection.
▶ Plug in the power plug.

4.7 Switching on the appliance

Note
▶ To switch on the entire appliance it is necessary only to switch on the freezer compartment. In so doing, the refrigerator compartment is automatically switched on as well.

The appliance should have been operating for about 2 hours before you stock it with frozen food. Only place frozen goods in the freeze compartment once the temperature display shows at least -18°C.

4.7.1 Switching on the freezer compartment

▶ Press On/Off button for the freezer section Fig. 12 (9).
▷ The appliance is switched on. The temperature display shows the set temperature. The temperature display for the freezer section and the alarm symbol flash until the temperature is cold enough.

4.7.2 Switching on the refrigerator compartment

Note
▶ When the refrigerator compartment is switched on, the freezer compartment is automatically switched on as well.

If the efrigerator compartment was switched off (e.g. with an extended absence due to holiday), this can be switched on again separately.

▶ Press On/Off button for the fridge section Fig. 12 (1).
▷ The interior light comes on when the door is open.
▷ The temperature displays light up. Refrigerator compartment and freezer compartment are switched on.

5 Control

5.1 Child proofing

The child-proofing function enables you to make sure that the appliance is not inadvertently switched off by playing children.

5.1.1 Setting the child lock

To switch on the function:
▶ Activate the setting mode: Press SuperFrost button Fig. 12 (7) for approx. 5 seconds.
▷ The menu symbol Fig. 12 (13) is shown on the display.
▷ **S** flashes on the display.
▶ Using the adjustment button for the freezer section Fig. 12 (6) select **c**.
▶ Briefly confirm with the SuperFrost button Fig. 12 (7).
▷ **c1** appears on the display.
▶ Briefly confirm with the SuperFrost button Fig. 12 (7).
▷ The child lock symbol Fig. 12 (14) lights up on the display.
▷ **c** flashes on the display.
▷ The child lock function is switched on.
To cancel setting mode:
▶ Briefly press the On/Off button for the freezer section Fig. 12 (9).
-or-
▶ wait 5 min.
▷ The temperature display shows the temperature again.
To switch off the function:
▶ Activate the setting mode: Press SuperFrost button Fig. 12 (7) for approx. 5 seconds.
▷ The menu symbol Fig. 12 (13) is shown on the display.
▷ **c** flashes on the display.
▶ Briefly confirm with the SuperFrost button Fig. 12 (7).
▷ **c0** appears on the display.
▶ The child lock symbol Fig. 12 (14) goes out.
▷ **c** flashes on the display.
▷ The child lock function is switched off.
To cancel setting mode:
▶ Briefly press the On/Off button for the freezer section Fig. 12 (9).
-or-
▶ Wait 5 min.
▷ The temperature display shows the temperature again.

5.2 Door alarm

For the fridge and freezer compartments
An audible warning sounds if the door is open for longer than 60 seconds.
The audible warning stops automatically when the door is closed.

5.2.1 Muting the door alarm

The audible alarm can be muted when the door is open. The sound switch-off function is active as long as the door is left open.
▶ Press alarm button Fig. 12 (8).

5.3 Temperature alarm

The audible alarm sounds if the freezer temperature is not cold enough.
The temperature display and the alarm symbol flash at the same time.
The cause of the temperature being too high may be:
- warm fresh food was placed inside
- too much warm ambient air flowed in when rearranging and removing food
- power failure for some time
- the appliance is faulty

The audible alarm is automatically silenced and the alarm symbol goes out when the temperature is sufficiently cold again.
If the alarm state persists: (See Malfunction).

Note
Food may be spoilt if the temperature is not cold enough.
▶ Check the quality of the food. Do not consume spoiled food.

5.3.1 Muting the temperature alarm

The audible alarm can be muted. When the temperature is sufficiently cold again, the alarm function is active again.
▶ Press alarm button Fig. 12 (8).
▷ The audible alarm is silenced.

5.4 Sabbath Mode

This function meets the religious requirements on the Sabbath or Jewish feast days. When Sabbath mode is on some of the electronic control functions are switched off. After setting Sabbath mode you no longer need to worry about indicator lamps, figures, symbols, displays, alarm messages and fans. The thawing cycle only works for the specified time without taking account of fridge use. After a power cut the appliance automatically switches back to Sabbath mode.
There is a list of Star-K certified appliances at www.star-k.org/appliances.

WARNING
Danger of food poisoning.
If a power cut occurs when Sabbath mode is enabled, this message is not saved. Once the power is restored the appliance continues to work in Sabbath mode. When this mode is over no message about the power cut is displayed on the temperature display. If a power cut occurred during Sabbath mode:
▶ Check the food for quality. Do not eat the food if it has thawed.

- All functions are blocked until Sabbath Mode is switched off.
- If functions such as SuperFrost, SuperCool, ventilation etc. are selected when Sabbath mode is switched on, they remain switched on.
- No audible signals are emitted and the temperature display does not indicate any warnings or settings (such as a temperature alarm or door alarm).
- The internal light is off.

5.4.1 Setting Sabbath Mode

▶ Activate the setting mode: Press SuperFrost button Fig. 12 (7) for approx. 5 seconds.
▷ **S** flashes on the display.
▷ The menu symbol Fig. 12 (13) lights up.
▶ In order to call up the Sabbath Mode function: Press SuperFrost button Fig. 12 (7) briefly.
If **S1** appears on the display:
▶ To **switch on** Sabbath Mode, press the SuperFrost button Fig. 12 (7) briefly.
▶ To **switch off** Sabbath Mode, press the SuperFrost button Fig. 12 (7) briefly.
If **S0** appears on the display:
▶ Briefly confirm with the SuperFrost button Fig. 12 (7).
▶ Deactivate the setting mode: Press On/Off button for the freezer section Fig. 12 (9).

-or-

▶ wait 5 min.

▷ The Sabbath Mode symbol is displayed in the temperature display, as long as Sabbath Mode is active.

▷ SabbathMode switches off automatically after 120 hours if it has not already been switched off manually.

5.5 Refrigerator compartment

The natural circulation of air in the refrigerator compartment results in zones differing in temperature. It is coldest directly above the vegetable drawers and at the rear wall. It is warmest at the top front of the compartment and in the door.

5.5.1 Food refrigeration

Note

The energy consumption increases and the cooling performance decreases if the ventilation is inadequate.

▶ Always keep the air slits of the fan free.

▶ Store perishable food such as ready-to-serve dishes, meat products and sausages in the coldest zone. Place butter and preserves in the upper area and in the door (see Appliance at a glance).

▶ Use recyclable plastic, metal, aluminium and glass containers and cling film for wrapping.

▶ Always store raw meat and fish in clean, sealed containers on the bottom shelf of the refrigerator, to prevent them coming into contact with or dripping onto other foods.

▶ Always store liquids and food which is subject to odour or taste transfer in closed containers or cover them.

▶ Use the front area of the refrigerator compartment floor only for briefly putting down cooled products, e.g. when rearranging and sorting. However do not leave cooled products there otherwise they may be pushed back or tipped over when the door is closed.

▶ Do not store food too close together to enable good air circulation.

5.5.2 Setting the temperature

The temperature depends on the following factors:

- the frequency of opening the door
- how long the door is open for
- the room temperature of the installation location
- the type, temperature and quantity of the food

Recommended temperature setting: 5 °C

The temperature can be changed sequentially. When the setting 1 °C is reached, it begins again at 9 °C.

▶ Call up the temperature function: Press the fridge adjustment button Fig. 12 (3).

▷ The previously set value is shown flashing in the temperature display.

▶ Changing the temperature in 1°C increments: Press the fridge adjustment button Fig. 12 (3) repeatedly until the desired temperature is shown on the temperature display.

▷ During adjustment the value flashes on the display.

▷ Approx. 5 sec. after the last button press, the new setting is accepted. The interior temperature slowly adjusts to the new value.

5.5.3 Fan

Cooling by circulating air is recommended:

- at high room temperature (above 33 °C)
- with high humidity

The forced-air cooling uses slightly more energy. To save energy, the fan switches off automatically when the door is open.

Switching on the fan

▶ Press ventilation button Fig. 12 (2) briefly.

▷ The ventilation symbol Fig. 12 (15) is shown on the display.

▷ The fan is active. With some appliances, it only switches on if the compressor is running.

Switching off the fan

▶ Press ventilation button Fig. 12 (2) briefly.

▷ The ventilation symbol Fig. 12 (15) goes out.

▷ The fan is switched off.

5.5.4 Shelves

Moving or removing shelves

Fig. 6

▶ To completely remove the shelf, observe the sequence of actions indicated.

▶ Insert shelf with the raised edge at the back pointing upwards.

5.5.5 Door rack

Removing the door rack

Fig. 8

▶ Remove the rack as shown in the illustration.

5.6 Freezer compartment

You can store frozen food, make ice cubes and freeze fresh food in the freezer compartment.

5.6.1 Freezing food

The rating plate indicates the maximum quantity of fresh food you can freeze within 24 hours (see Appliance at a glance) under “Freezing capacity ... kg/24h”.

The maximum load of frozen food for the drawers is 20 kg each.

CAUTION

Danger of injury due to glass fragments!

Drinks bottles and drinks cans may explode during freezing. This applies in particular to drinks containing carbon dioxide.

▶ Do not freeze drinks bottles and drinks cans!

To ensure that food freezes right through, the following quantities should not be exceeded per package:

- Fruit, vegetables, up to 1 kg
- Meat, up to 2.5 kg

▶ Package food in portions in freezer bags, reusable plastic, metal or aluminium containers.

5.6.2 Storage life

Guideline values for the storage time of the various foods in the freezer section:	
Ice cream	2 to 6 months
Sausages, ham	2 to 6 months
Bread, bakery goods	2 to 6 months
Game, pork	6 to 10 months
Fish, oily	2 to 6 months
Fish, non oily	6 to 12 months
Cheese	2 to 6 months
Poultry, beef	6 to 12 months
Fruit, vegetables	6 to 12 months

The values indicated for storage life are standard ones.

5.6.3 Thawing food

- in the refrigerator compartment
- in the microwave oven
- in a conventional or fan oven
- at room temperature

▶ Remove only as much food as is required. Use thawed food as quickly as possible.

▶ Food once thawed should be re-frozen only in exceptional cases.

5.6.4 Setting the temperature

Temperature setting to be recommended: -18 °C

The temperature can be changed continuously. Once the -26 °C setting is reached, it starts again with -16 °C.

▶ Call up the temperature function: Press the freezer adjustment button Fig. 12 (6).

▷ The current temperature flashes on the temperature display.
▶ Press the freezer adjustment button Fig. 12 (6) repeatedly until the desired temperature is displayed.

5.6.5 SuperFrost

With this function you can freeze fresh food quickly through to the core. The appliance operates with maximum refrigeration. The noise of the refrigeration unit may be temporarily louder as a result.
The maximum amount of fresh food which can be frozen in 24 h is indicated on the type plate under “freezing capacity ... kg/ 24h”. This amount varies according to the model and climate rating.
You have to activate SuperFrost in good time, depending on how much fresh food is to be frozen: about 6 hours before placing the food inside in case of small amounts and about 24 hours in advance in case of the maximum amount of food to be frozen.
Wrap produce and spread it out as far as possible. Do not allow produce to be frozen to touch produce that is already frozen to prevent the latter thawing.
You do not have to activate SuperFrost in the following cases:
- when placing frozen food in the freezer
- when freezing up to approx. 2 kg fresh food daily

Freezing with SuperFrost
▶ Briefly press the SuperFrost button Fig. 12 (7).
▷ The SuperFrost symbol Fig. 12 (10) is shown on the display.
▷ The freezing temperature is reduced, and the appliance operates at the maximum freezing capacity.

Note
▶ Pressing the SuperFrost button can cause the compressor to switch on up to 8 minutes later, thanks to the integrated switch-on delay. This delay increases the service life of the compressor.

In case of a small amount of food to be frozen:
▶ Wait approx. 6 hours.
In case of the maximum amount of food to be frozen (see type plate):
▶ Wait approx. 24 hours.
▶ Place packaged food in the top drawers.
▷ SuperFrost is automatically deactivated after about 65 hours.
▷ The SuperFrost symbol Fig. 12 (10) goes out when freezing is finished.
▷ The appliance continues to operate in the energy-saving, normal mode.

5.6.6 Drawers

Note
Insufficient ventilation results in the energy consumption rising and the refrigeration capacity falling.
Appliances with NoFrost:
▶ Leave the bottom drawer inside the appliance!
▶ Always keep the inside vents at the rear wall clear!

▶ Remove the drawers as shown in **Fig. 5**.

5.6.7 VarioSpace

Fig. 3
You can remove the drawers. This makes space for large freezer items. Poultry, large joints of meat and game, and large bakery goods can be stored and subsequently prepared whole.
▶ The drawers can each be loaded with max. 20 kg of frozen food.

6 Maintenance

6.1 Defrosting with NoFrost

The NoFrost system automatically defrosts the appliance.
Refrigerator compartment:
The defrost water evaporates due to the compressor heat. Drops of water on the rear wall are perfectly normal.
▶ Regularly clean the drain opening to allow the water to flow away (see 6.2).

Freezer compartment:
The moisture condenses on the evaporator, is periodically defrosted and evaporates.
▶ The appliance does not have to be manually defrosted.

6.2 Cleaning the appliance

Clean the appliance regularly.

WARNING
Risk of injury and damage as a result of hot steam!
Hot steam can lead to burns and can damage the surfaces.
▶ Do not use any steam cleaners!

NOTICE
Incorrect cleaning damages the appliance!
▶ Do not use cleaning agents in their concentrated form.
▶ Do not use any scouring or abrasive sponges or steel wool.
▶ Do not use any sharp or abrasive cleaning agents, nor any that contain sand, chloride or acid.
▶ Do not use chemical solvents.
▶ Do not damage or remove the type plate on the inside of the appliance. It is important for the customer service.
▶ Do not pull off, bend or damage cables or other components.
▶ Do not allow any cleaning water to enter the drain channel, ventilation grille or electrical components.
▶ Please use soft cleaning cloths and a universal pH-neutral cleaning agent.
▶ Please use soft cleaning cloths and a universal pH-neutral cleaning agent.

▶ **Empty the appliance.**
▶ **Pull out the power plug.**
▶ Clean **the outer walls and interior surfaces, as well as equipment parts** by hand with lukewarm water and a little washing-up liquid.
▶ **Only clean painted side walls** by wiping with a soft, clean cloth. In case of heavy soiling, use lukewarm water and a neutral cleaning product.
▶ **Only clean painted door surfaces** by wiping with a soft, clean cloth. In case of heavy soiling, use a little water or a neutral cleaning product. Optionally, a microfibre cloth can be used.
▶ Clean the **drain opening Fig. 9**: If necessary remove deposits with a thin object, such as a cotton bud or similar.

After cleaning:
▶ Wipe dry the appliance and items of equipment.
▶ Connect the appliance and switch it on again.
▶ Switch on SuperFrost (see 5.6.4).
When the temperature is sufficiently cold:
▶ Put the food back inside.

6.3 Customer service

Fig. 13
First of all check whether you can eliminate the fault yourself (see Malfunction). If this is not possible, contact Customer Services. You can find the address in the enclosed customer service list.

WARNING
Risk of injury if repair work is not carried out professionally!
▶ Have any repairs and action - not expressly specified - on the appliance and mains cable carried out by service personnel only. (see Maintenance)

▶ For the appliance designation Fig. 13 (1), service no. Fig. 13 (2) and the serial no. Fig. 13 (3) refer to the type plate. The type plate is located on the left, inside the machine.
▶ Inform customer service and describe the fault, appliance

* according to model and design

designation Fig. 13 (1), service no. Fig. 13 (2) and serial no. Fig. 13 (3).
▷ This will make it possible to provide fast and accurate service.
▶ Leave the appliance plugged in until customer service arrives.
▷ The food will stay cold for longer.
▶ Pull out the plug (do not tug on the connection cable here) or switch off the circuit breaker.

7 Malfunctions

Your appliance is designed and manufactured for a long life span and reliable operation. If a malfunction nonetheless occurs during operation, check whether it is due to a handling error. In this case you will have to be charged for the costs incurred, even during the warranty period. You may be able to rectify the following faults yourself:

Normal noises in the appliance:

Running noise due to speed-regulated compressors.

A bubbling or splashing sound from the coolant flowing through the coolant circuit.

A quiet clicking, when the cooling unit (motor) switches itself on and off automatically.

Brief humming noise, slightly louder:
- When the motor switches on, when SuperFrost is switched on, if fresh food has been recently stored or the door has been open for a long period, the freezing capacity automatically increases.
- High ambient temperature (s. 1.2)

Deep humming - Noise of air flowing through the fan.

The compressor runs for a long time:
- It switches to a lower speed when it requires a lower cooling capacity, to save energy.
- SuperFrost is switched on.

A LED on the bottom rear of the appliance (at the compressor) flashes regularly every 15 seconds*.
- The inverter is equipped with a diagnostic LED. The flashing is normal.

External surfaces warm. The heat from the cooling circuit is used to avoid condensate.

Faults that you can remedy yourself:

The appliance does not function:
- The appliance is not switched on.

▶ Plug the plug into the mains socket correctly, check fuse

Vibration noises, if the appliance is not set up firmly on the floor.

▶ Align the appliance with the adjustable feet.

Temperature is not cold enough:
- Appliance door is not fully closed.

▶ Close appliance door.
- Ventilation and aeration insufficient.

▶ Clear and clean the ventilation grille.
- High ambient temperature

▶ see 1.2.
- Excessive quantity of fresh food stored without actuating SuperFrost.

▶ see 5.6.4.
- The appliance was opened too frequently or for too long.

▶ Wait to see if the appliance goes back to the required temperature by itself. If not, contact customer services (see maintenance).
- Temperature set incorrectly.

▶ Set colder and check after 24 hours.
- Appliance is set up too close to a heat source.

▶ Change the location of the appliance or adjust the heat source.

The interior light does not light up.
- Appliance is not switched on.

▶ Switch on the appliance.
- The door was open for longer than 15 minutes.

▶ Interior light switches off automatically if the door stays open for approx. 15 minutes.

Icing up or condensate forming.
- The door seal may have also slipped out of its groove.

▶ Check the door seal.

With the following faults, contact customer service:
- The door seal is defective or requires replacement for another reason. Door seal exchangeable.
- DEMO is shown in the temperature display.
- LED lighting is defective or the cover is damaged.

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WARNINGS:

Risk of injury due to electric shock!

Live parts are located under the cover.
- Have the LED interior light changed or repaired only by the customer service or by specialized personnel trained for the purpose.

Danger of injury by LED lamp!

The light intensity of the LED lighting corresponds to risk group RG 2.

If the cover is defective:
- Do not look into the illumination with optical lenses from the immediate proximity. This can cause injury to the eyes.

8 Decommissioning

8.1 Switching off the appliance

Note

▶ To switch off the entire appliance you only need to switch off the freezer section. The fridge section is automatically switched off with it.

8.1.1 Switching off the freezer section

▶ Press On/Off button for the freezer section Fig. 12 (9) for at least 3s.
▷ The temperature displays are dark. The entire appliance is switched off.

8.1.2 Switching off the fridge section

▶ Press On/Off button for the fridge section Fig. 12 (1) for at least 3s.
▷ The interior lighting goes out.
▷ The temperature display of the fridge section is dark.

Note

▶ If only the fridge section is to be switched off, e.g. during holiday periods, always make sure that the temperature display for the freezer section is illuminated.

8.2 Taking the appliance out of service

▶ Empty the appliance.
▶ Switch off the appliance (see “Decommissioning”).
▶ Unplug the mains plug.
▶ Clean the appliance (see 6.2).
▶ Leave the door open to prevent odour.

9 Disposing of the appliance

The appliance contains some reusable materials and should be disposed of properly - not simply with unsorted household refuse. Appliances which are no longer needed must be disposed of in a professional and appropriate way, in accordance with the current local regulations and laws.

When disposing of the appliance, ensure that the refrigeration circuit is not damaged to prevent uncontrolled escape of the refrigerant it contains (data on type plate) and oil.

▶ Disable the appliance.
▶ Pull out the plug.
▶ Cut through the connecting cable.

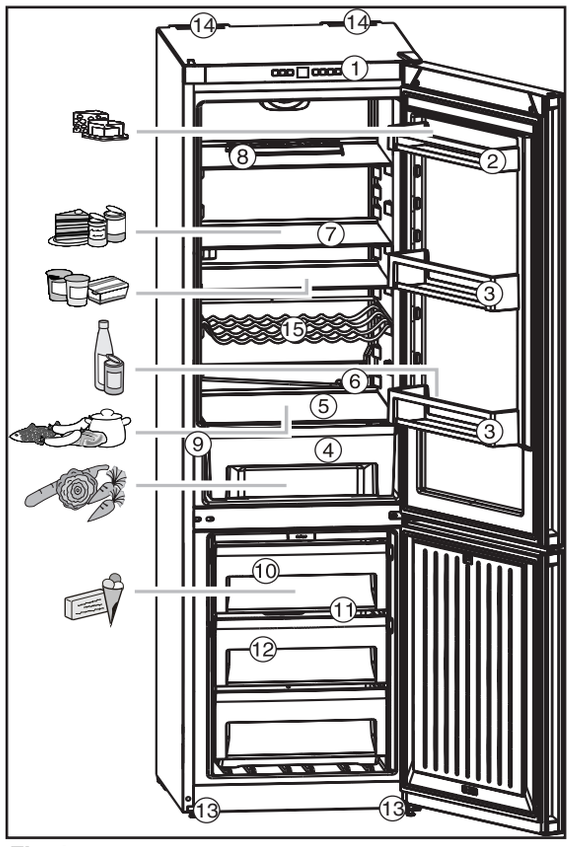


Fig. 1

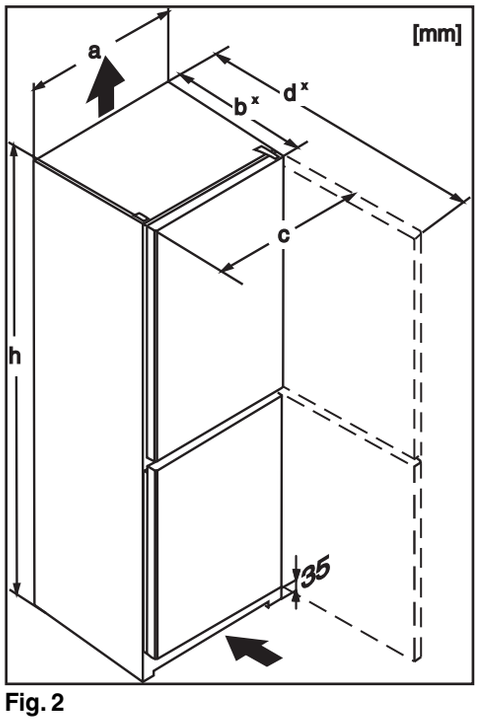


Fig. 2

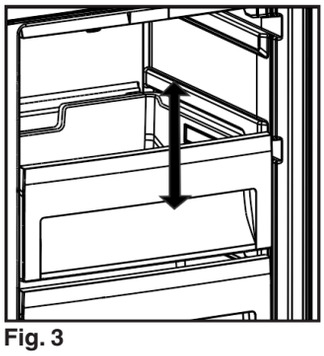


Fig. 3

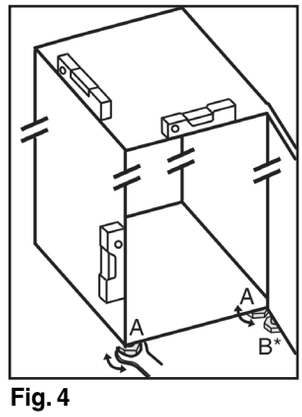


Fig. 4

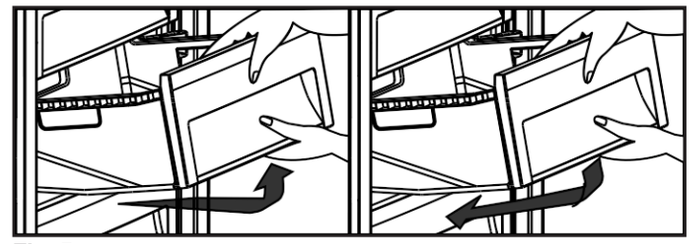


Fig. 5

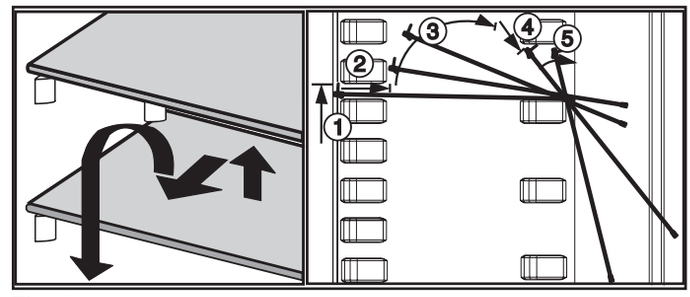


Fig. 6

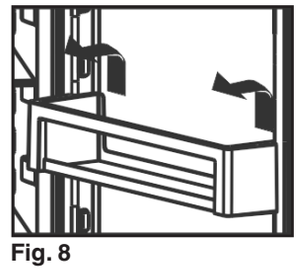


Fig. 8

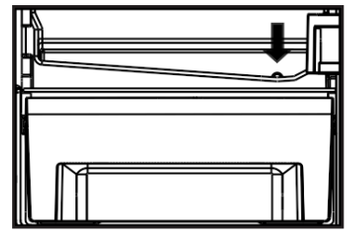


Fig. 9

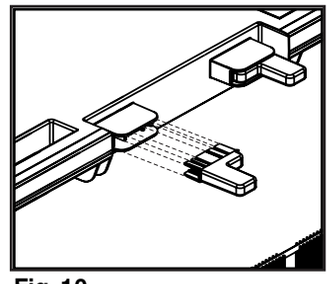


Fig. 10



Fig. 11

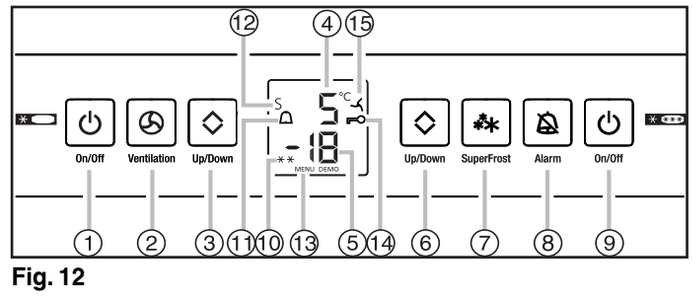


Fig. 12

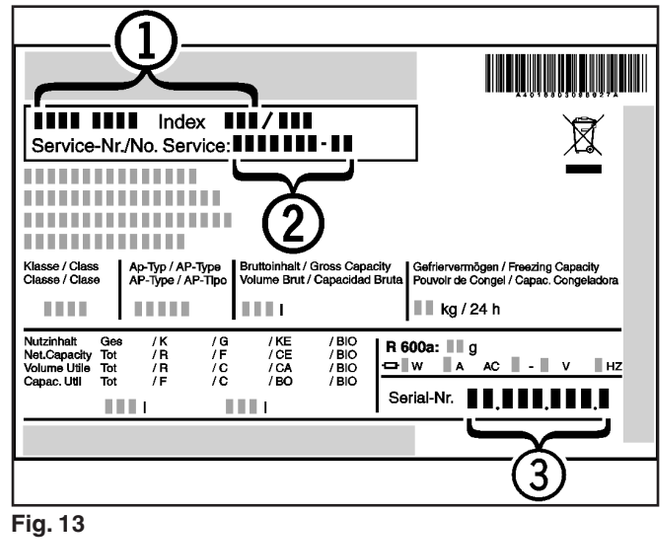


Fig. 13