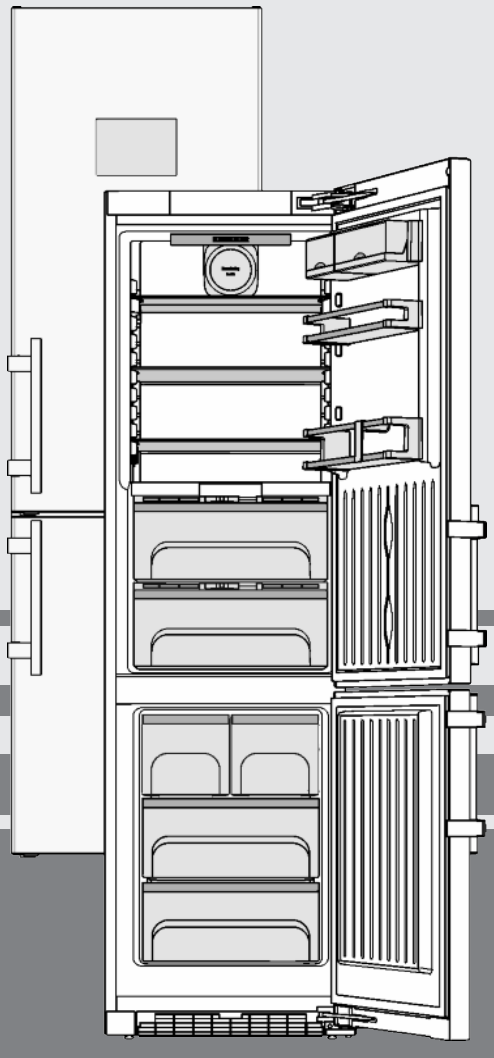
Operating and installation instructions

Combined fridge-freezer with BioFresh compartment

EN



230318 **7088106 - 00**

CBNPes ... PP

LIEBHERR

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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 Description of appliance and equipment

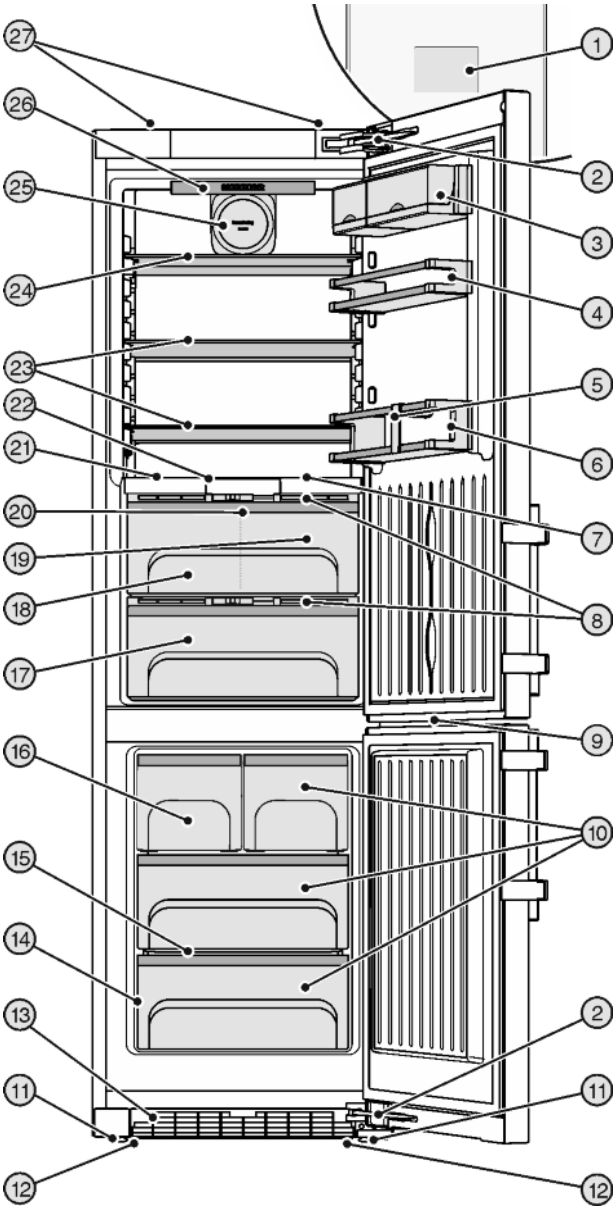


Fig. 1

(1) Operating and control elements
(2) Soft stop mechanism
(3) Package rack
(4) Can rack
(5) Bottle holder
(6) Bottle rack
(7) LED interior light
(8) Humidity control plate
(9) LED lighting, freezer compartment
(10) Freezer drawer
(11) Adjusting feet
(12) Front transport handles, rear transport castors
(15) VarioSpace
(16) IceMaker
(17) BioFresh compartment, adjustable
(18) BioFresh Plus compartment
(19) Fish & Seafood compartment
(20) LED lighting, BioFresh compartment
(21) Adjustable bottle shelf
(22) BioFresh Plus display
(23) Shelf
(24) Shelf, sectioned
(25) Fan, with holder for fresh air filter
(26) LED interior light, swivelling

(13) Ventilation grid
(14) Type plate
(27) Rear transport handles

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

1.2 Appliance range of use

Intended 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 forbidden:

- 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 the climate classification the appliance is designed to operate in restricted ambient temperatures. The climate classification applying to your appliance is printed on the rating plate.

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

Climate classification	for ambient temperatures of
SN	10 °C to 32 °C
N	16 °C to 32 °C
ST	16 °C to 38 °C
T	16 °C to 43 °C

1.3 Conformity

The refrigerant circuit has been tested for leaks. This appliance complies with the applicable safety stipulations and with directives 2014/35/EU, 2014/30/EU, 2009/125/EG, 2011/65/EU and 2010/30/EU.

The BioFresh compartment satisfies the requirements for a cold storage compartment in acc. with DIN EN 62552.

EN

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 External dimensions of the appliance

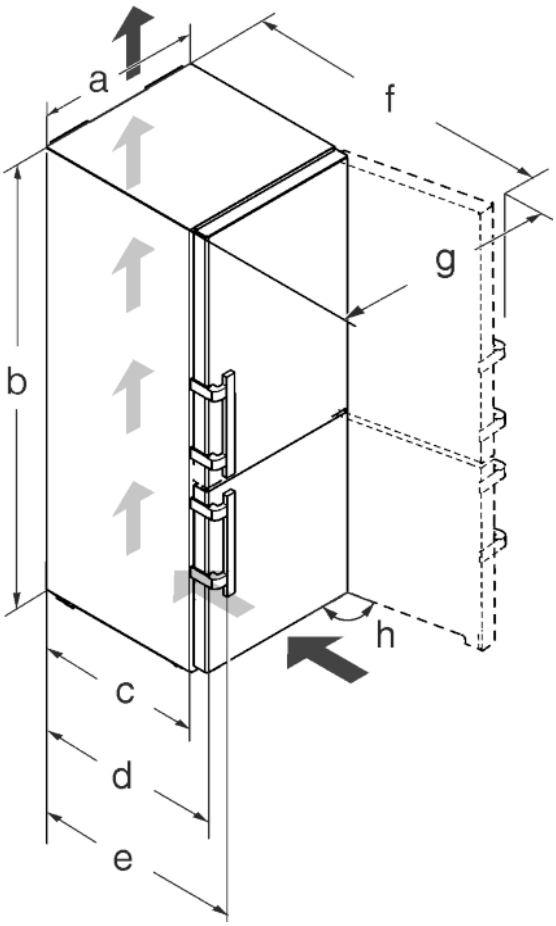


Fig. 2

Model	a [mm]	b [mm]	c [mm]	d [mm]	e [mm]	f [mm]	g [mm]	h [°]
CBNPes 48..	600	2010	600 x	665 x	709 x	1185 x	871	115

x If wall spacers are used, the dimensions increase by 15 mm (see 4.2) .

With the door open, the dimensions apply to an opening angle of 115 °. Distances vary according to the opening angle.

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 warm food: allow to cool down to room temperature first.
- Thaw frozen food in the refrigerator.
- Use the holiday function if you intend to be away for an extended period .
- Leave the default setting of the screen switch-off function. This switches the screen off after 24 hours, (see 5.1.5) .

1.7 Example of contents arrangement

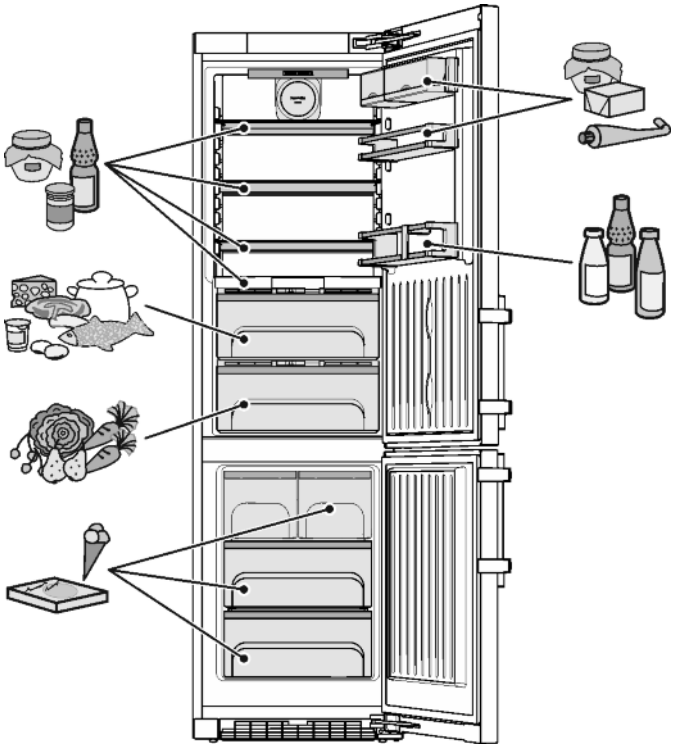


Fig. 3

1.8 Smart device

The appliance is ready for integration into a smart home and for extended services. Other options can be selected with a SmartDeviceBox. This is activated via the MyLiebherr customer portal.



You will find more information about availability and pre-requisites and the individual options on the website www.smartdevice.liebherr.com.

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.
- Only customer service or other specially trained staff may repair or perform other operations on the appliance.
- 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.
- All repairs to and intervention in the IceMaker may be carried out only by service personnel or by other skilled personnel trained for the purpose.
- The manufacturer is not liable for damage caused by a faulty fixed water connection.
- Special lights, such as LED lights on the appliance, are used to illuminate the interior of the appliance and are not suitable for room lighting.

Fire hazard:

- The refrigerant R 600a is environmentally friendly but flammable. Escaping refrigerant 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.

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	identifies 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 Status screen

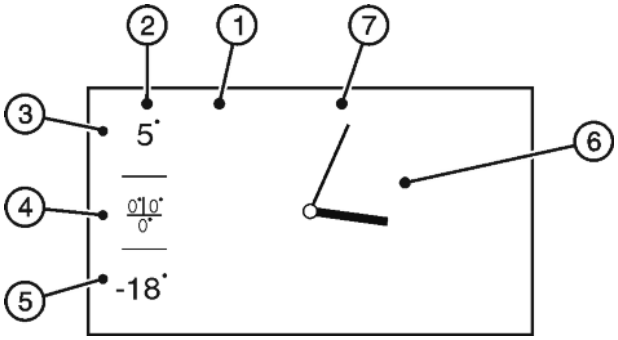


Fig. 4

(1) Screen
(2) Temperature display
(3) Fridge compartment temperature display
(4) BioFresh Plus compartment temperature display
(5) Freezer compartment temperature display
(6) Time
(7) Date display, if selected

The status screen is displayed in normal operation if no settings are made. The set temperatures, time and date, if selected, are displayed.

Pressing on the temperature display takes you to the Home screen and setting options.

Pressing on the time activates a timer.

3.2 Home screen

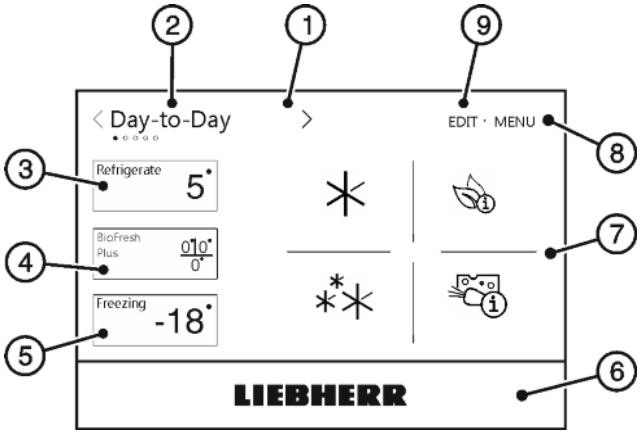


Fig. 5

(1) Screen
(2) Programme selection
(3) Fridge compartment field
(4) BioFresh Plus field
(5) Freezer compartment field
(6) Liebherr button
(7) Programme field
(8) Menu
(9) Edit

The Home screen provides access to setting options and programme selection.

All functions can be called up by touching the screen and values can be changed.

Programme selection

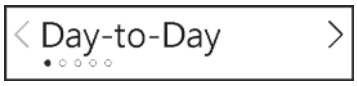


Fig. 6 Programme name

The currently set programme is displayed in the programme selection.

5 different programmes can be selected. Each programme offers individual temperature and function settings for different requirements.

Fridge compartment field



Fig. 7 Fridge compartment temperature display

The fridge compartment temperature is displayed in the fridge compartment field.

The new target value is immediately displayed when the temperature is changed. Arrows show the temperature change.

The following settings can be entered:

- Temperature settings
- Switching the fridge compartment on and off

The BioFresh Plus compartment is also switched off when the refrigerator compartment is switched off.

BioFresh Plus field

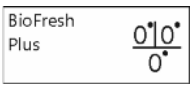


Fig. 8 BioFresh Plus temperature display

The BioFresh Plus temperature is displayed in the BioFresh Plus field.

The new target value is immediately displayed when the temperature is changed.

The following settings can be entered:

- Temperature settings
- Switching the fridge compartment and BioFresh Plus section on and off

Freezer compartment field



Fig. 9 Freezer compartment temperature display

The freezer compartment temperature is displayed in the freezer compartment field.

The new target value is immediately displayed when the temperature is changed. Arrows show the temperature change.

The following settings can be entered:

- Temperature settings
- Turning the appliance on and off. The screen remains on.

Temperature field

The temperature field includes the refrigerator compartment, the BioFresh Plus and freezer compartment field.

Liebherr button

The entire surface under the screen is a button. Pressing on the button takes you to the status screen.

Programme field

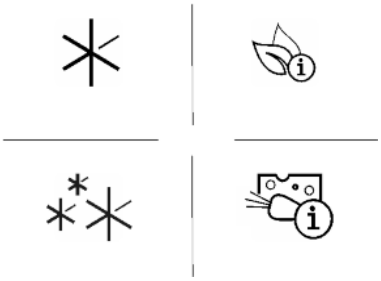


Fig. 10 Programme-specific options

Programme-specific options are displayed in the programme field. These offer setting options for the fridge and freezer area.

A maximum of 6 options can be displayed in the programme field.

Menu

Basic settings and programme-independent settings can be made via the menu.

Edit

Programme-specific options for display on the Home screen can be selected or deselected using the Edit command.

3.3 Navigation

The appliance is predominantly operated using the following symbols:



Standby:

Switch appliance or temperature zone on and off.

MENU

Menu:

Access to individual options and settings.

EDIT

Edit:

Selecting and deselecting programme-specific options.

LIEBHERR

Liebherr button:

Cancel selection, status screen appears.



Up/down navigation arrow:

Date and time setting.

The first option is displayed again after the last setting option.



Left/right navigation arrow:

Select choice and navigate.

If other settings can be selected, these can be selected via the navigation arrows. After the last or first setting option has been displayed, the navigation arrows are greyed out.



Back:

Cancel selection or leave setting.

The display switches to the next higher level or to the home screen



Home:

Cancel selection or leave setting.

The display switches to the home screen.



Status button On/Off

ON: Option activated, function active.

OFF: Option deactivated, function deactivated.



Selection indicator

: Setting/selection active.

: Setting/selection deactivated.

*** Depending on model and options**



Messages:

There are active error messages and reminders.

Message data can be displayed again.

x **Cancel:**

Cancels the selection.

After confirming a function or option, an audible signal is emitted if alert and reminder sounds are activated.

Note

If no selection is made after 1 minute the display switches to the home screen.

3.4 Display symbols

Display symbols provide information on the current appliance status:



Up arrows:

The temperature increases.

During temperature changes and after completing options, upward arrows display the temperature increase until the target temperature is reached.



Down arrows:

The temperature reduces.

During temperature changes and after switching on options, downward arrows display the temperature decrease until the target temperature is reached.



Standby:

The appliance or temperature zone is switched off.

active **Activated option:**

Displayed options are labelled *active* on the Home screen if these are switched on.

1 *of* ... / ● ○ ○ ○ **Navigation bar:**

The navigation bar shows the current position within a selection.

3.5 Appliance options

You can select or set the following options; explanations and setting options, (see Control):

Symbol	Option
	*Child safety device*
	*SuperCool*
	*SuperFrost*
	*IceMaker*
	*SabbathMode*
	*Party timer*
	*Bottle timer*
	*Night mode*
	Storage recommendations
	Energy saving tips
	Display settings

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.

- ▶ Stand 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 refrigerant R 600a is environmentally friendly but flammable. Escaping refrigerant 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.

- ❑ 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 R 600a refrigerant there is in the appliance, the larger the room in which the appliance is standing needs to be. In rooms that are too small, a flammable mix of gas and air may be created if there is a leak. According to the EN 378 standard, every 11 g of R 600a refrigerant requires at least 1 m^3 space in the room for the appliance. The amount of refrigerant in your appliance is on the type plate inside the appliance.

▶ Remove the protective film from the outside of the appliance.

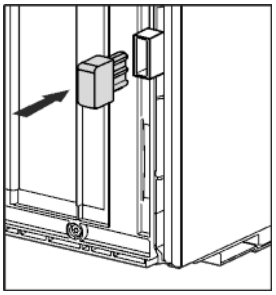
NOTICE
Risk of damage from stainless steel care products!
The **stainless steel doors** and **stainless steel side panels** are treated with a premium surface finish.

Stainless steel care products attack these surfaces.
▶ Only use a soft, clean cloth to wipe down **finished door and side panel surfaces** and **painted door and side panel surfaces**. To remove heavy dirt, use a little water or neutral detergent. Alternatively, you can use a micro-fibre cloth.

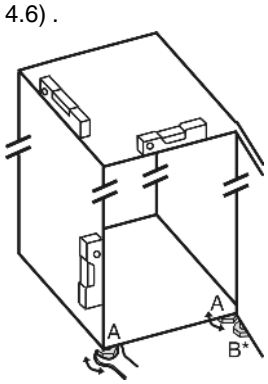
▶ Remove the protective film from the decorative trims and drawer fronts.
▶ Remove all transit supports.

Spacers must be used to achieve the declared energy consumption and to prevent condensation in the event of high surrounding humidity. This increases the appliance depth by about 15 mm. The appliance will work perfectly well without the spacers but will have a slightly higher energy consumption.

▶ If your appliance comes with wall spacers, mount these on the back of the appliance, bottom left and right.



▶ Dispose of packaging material (see 4.6) .
▶ 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: Use saddle wrench SW10 to unscrew the base on mounting block (B) until it makes contact with the ground, then continue turning it for a further 90°.

Note
▶ Clean the appliance (see 6.4) .

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 Reversing the door

If necessary, you can change the way the door opens:

Ensure that the following tools are available:

- ❑ Torx® 25 (T25)
- ❑ Torx® 15 (T15)
- ❑ Slotted screwdriver
- ❑ Open-ended wrench SW10
- ❑ Spirit level
- ❑ Open-ended wrench supplied with the T25 tool
- ❑ If necessary, a cordless screwdriver
- ❑ Get a stepladder if necessary
- ❑ If necessary, a second person for assembly

4.3.1 Remove the upper soft stop mechanism

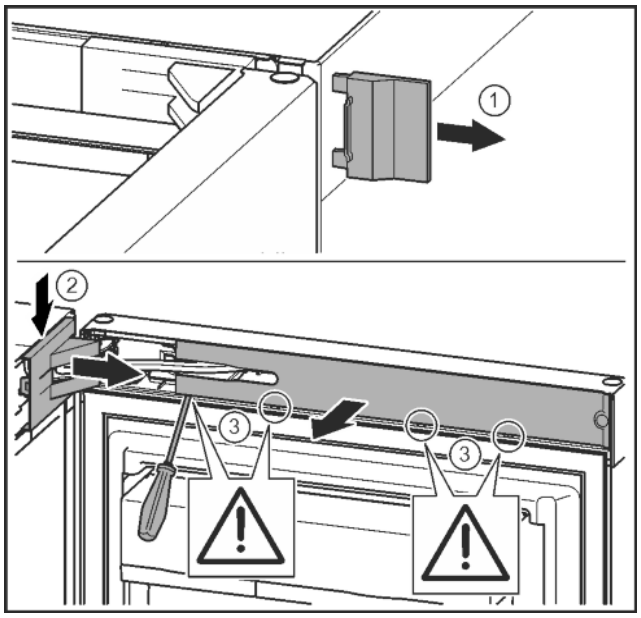


Fig. 11

▶ Open the top door.

NOTICE
Risk of damage!
If the door seal is damaged, the door may fail to close properly and the cooling will be inadequate.
▶ Do not damage the door seal with the screwdriver!

▶ Remove the outer cover. *Fig. 11 (1)*
▶ Disengage and release the bearing bracket cover. Remove the bearing bracket cover. *Fig. 11 (2)*
▶ Unlatch the panel with a slotted screwdriver and swivel it to one side. *Fig. 11 (3)*

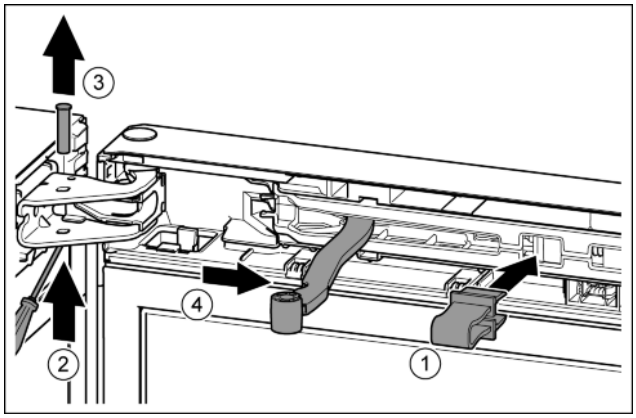


Fig. 12

CAUTION
Crushing hazard by joint folding up!
▶ Engage safety device.

▶ Engage the locking device in the opening. *Fig. 12 (1)*
▶ Unscrew the bolt with a screwdriver. *Fig. 12 (2)*
▶ Remove the bolt in an upward direction. *Fig. 12 (3)*
▶ Turn the hinge in the direction of the door. *Fig. 12 (4)*

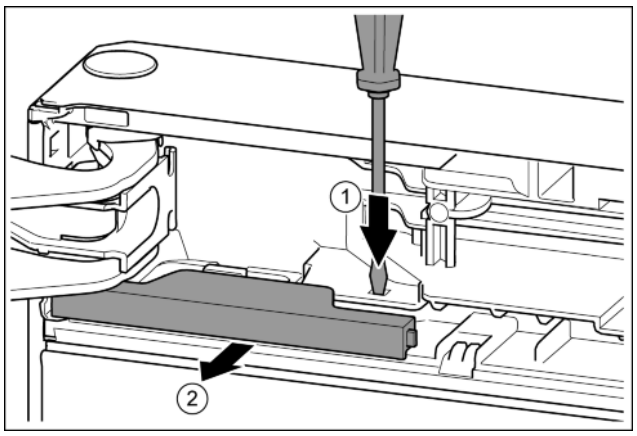


Fig. 13

▶ Press the tab with the slotted screwdriver. *Fig. 13 (1)*
▶ Pull cover out of the catch mechanism. *Fig. 13 (2)*

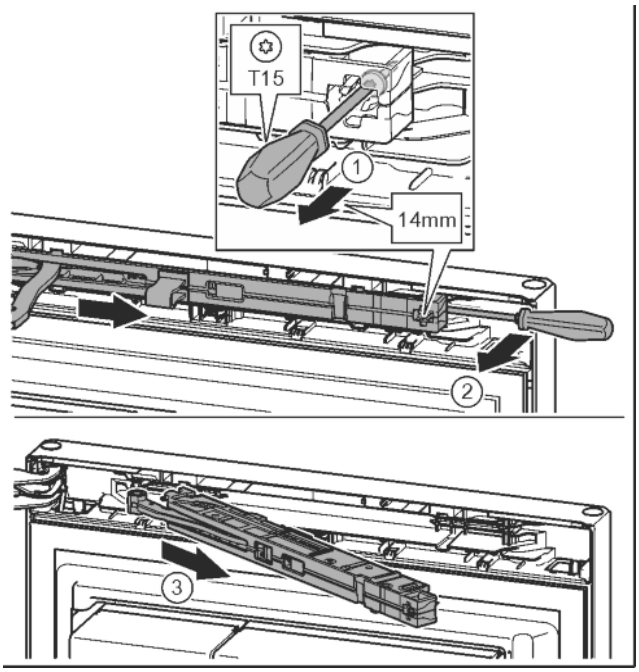


Fig. 14

▶ Undo the soft stop mechanism screw with a T15 screwdriver approx. 14 mm. *Fig. 14 (1)*
▶ Insert a screwdriver behind the soft stop mechanism on the handle side and rotate forwards. *Fig. 14 (2)*
▶ Remove the soft stop mechanism. *Fig. 14 (3)*

4.3.2 Remove the bottom soft stop mechanism

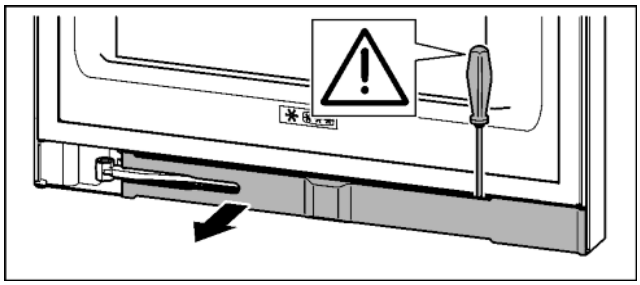


Fig. 15

▶ Open the bottom door.

NOTICE
Risk of damage!
If the door seal is damaged, the door may fail to close properly and the cooling will be inadequate.
▶ Do not damage the door seal with the screwdriver!

▶ Unlatch the panel with a slotted screwdriver and swivel it to one side.

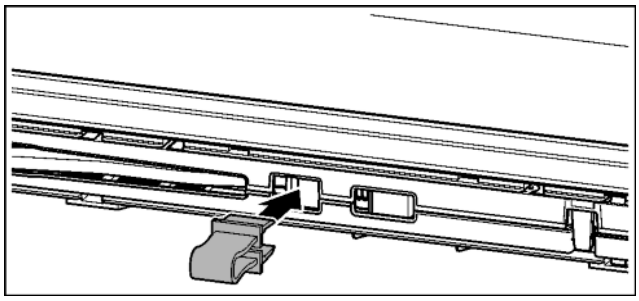


Fig. 16

CAUTION
Crushing hazard by joint folding up!
▶ Engage safety device.

▶ Engage the locking device in the opening.

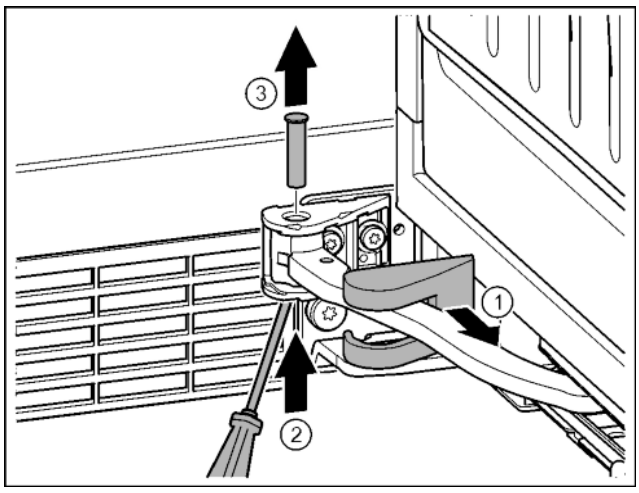


Fig. 17
▶ Remove the bearing bracket cover and push it along the hinge. *Fig. 17 (1)*
▶ Lift the bolt with a finger or screwdriver from below. *Fig. 17 (2)*
▶ Insert the screwdriver under the bolt head and remove. *Fig. 17 (3)*

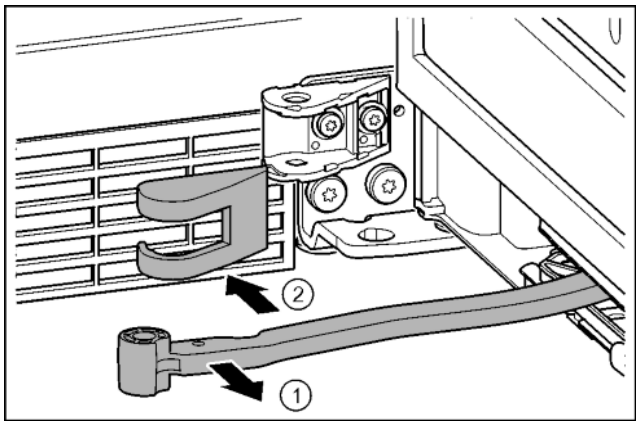


Fig. 18
▶ Turn the hinge in the direction of the door. *Fig. 18 (1)*
▶ Remove the bearing bracket cover. *Fig. 18 (2)*

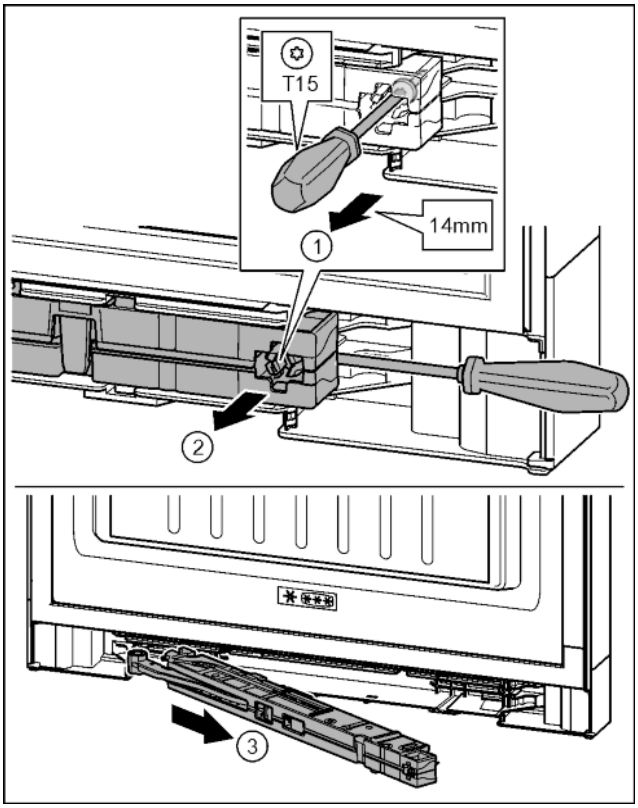


Fig. 19
▶ Undo the screw on the soft stop mechanism about 14 mm with a T15 screwdriver. *Fig. 19 (1)*
▶ Insert the screwdriver on the handle side behind the soft stop mechanism. Turn the unit forwards. *Fig. 19 (2)*
▶ Remove the unit. *Fig. 19 (3)*
▶ Set aside the soft stop mechanism.

4.3.3 Remove the cable connection

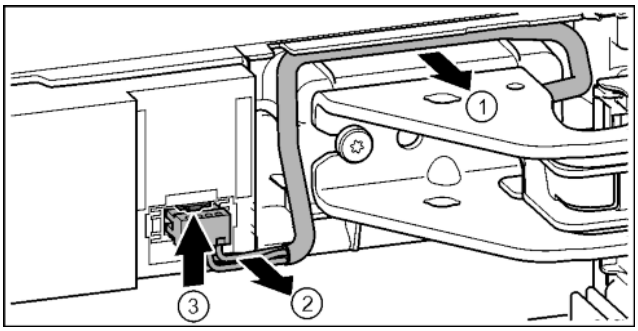


Fig. 20
▶ Carefully remove the cable over the bearing bracket from the guide. *Fig. 20 (1)*
▶ Carefully pull the cable strands out of the channel. *Fig. 20 (2)*
▶ Press the tab upwards and carefully remove the plug. *Fig. 20 (3)*

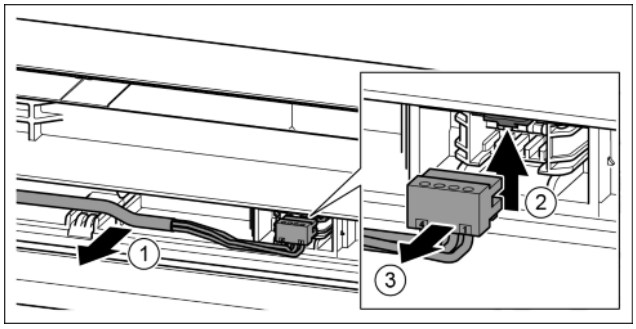


Fig. 21

▶ Carefully remove the grey cable from the guide in the door. *Fig. 21 (1)*
▶ Press the tab upwards. *Fig. 21 (2)*
▶ Carefully remove the plug. *Fig. 21 (3)*

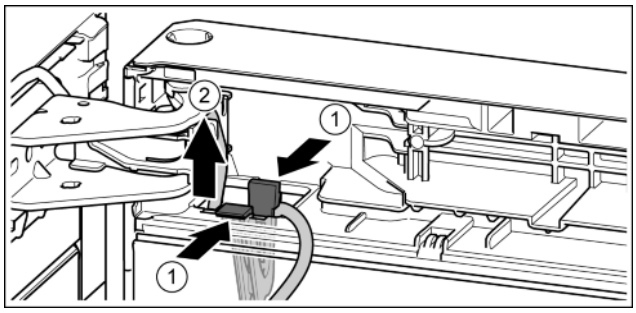


Fig. 22

▶ Press the tab. *Fig. 22 (1)*
▶ Remove the cable holder with its cable. *Fig. 22 (2)*

4.3.4 Removing the top door

Note

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

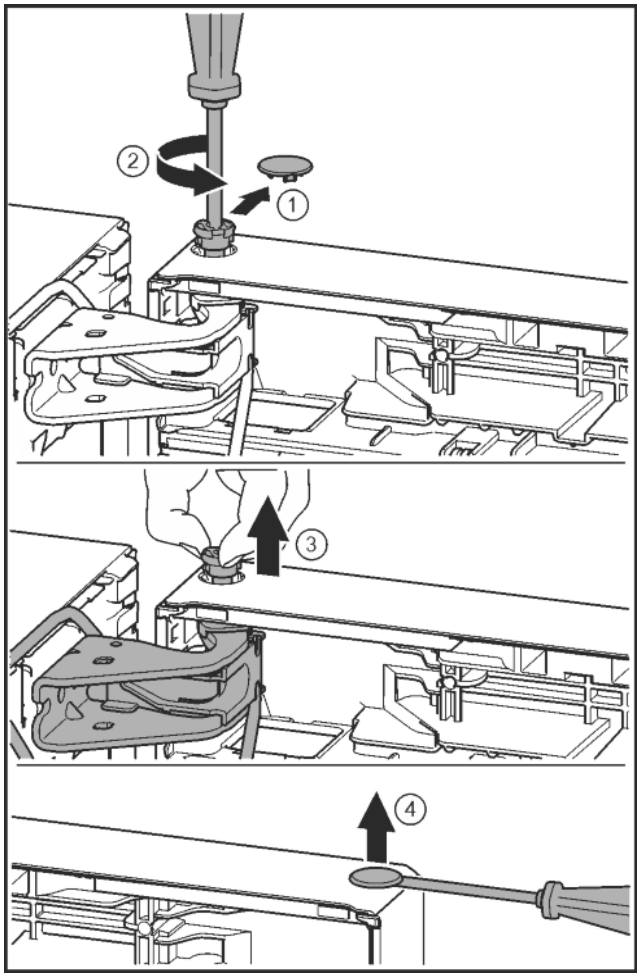


Fig. 23

CAUTION

Risk of injury if the door tips!

▶ Take good hold of the door.
▶ Set down the door carefully.

▶ Carefully remove the protective cover. *Fig. 23 (1)*
▶ Undo the bolt a little with a T15 screwdriver. *Fig. 23 (2)*
▶ Hold the door and remove the bolts with your fingers. *Fig. 23 (3)*
▶ Lift the door and set it aside.
▶ Carefully lift the plugs out of the door bearing bush with a slotted screwdriver and remove. *Fig. 23 (4)*

4.3.5 Removing the lower door

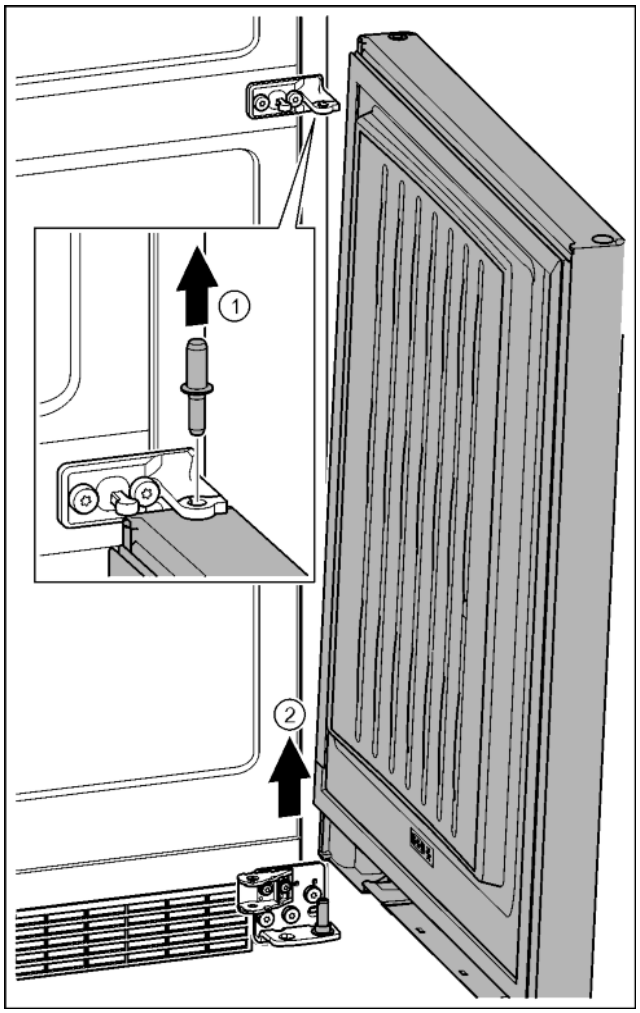


Fig. 24

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

- ▶ Pull out the bolts towards the top. *Fig. 24 (1)*
- ▶ Swing the door out, pull it upwards and set it aside. *Fig. 24 (2)*

4.3.6 Moving the upper bearing parts to the other side

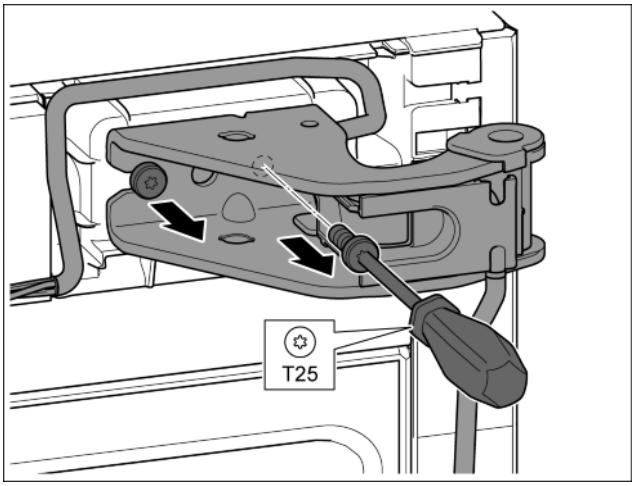


Fig. 25
- ▶ Remove both screws with the T25 screwdriver.
- ▶ Lift and remove the bearing bracket and cable.

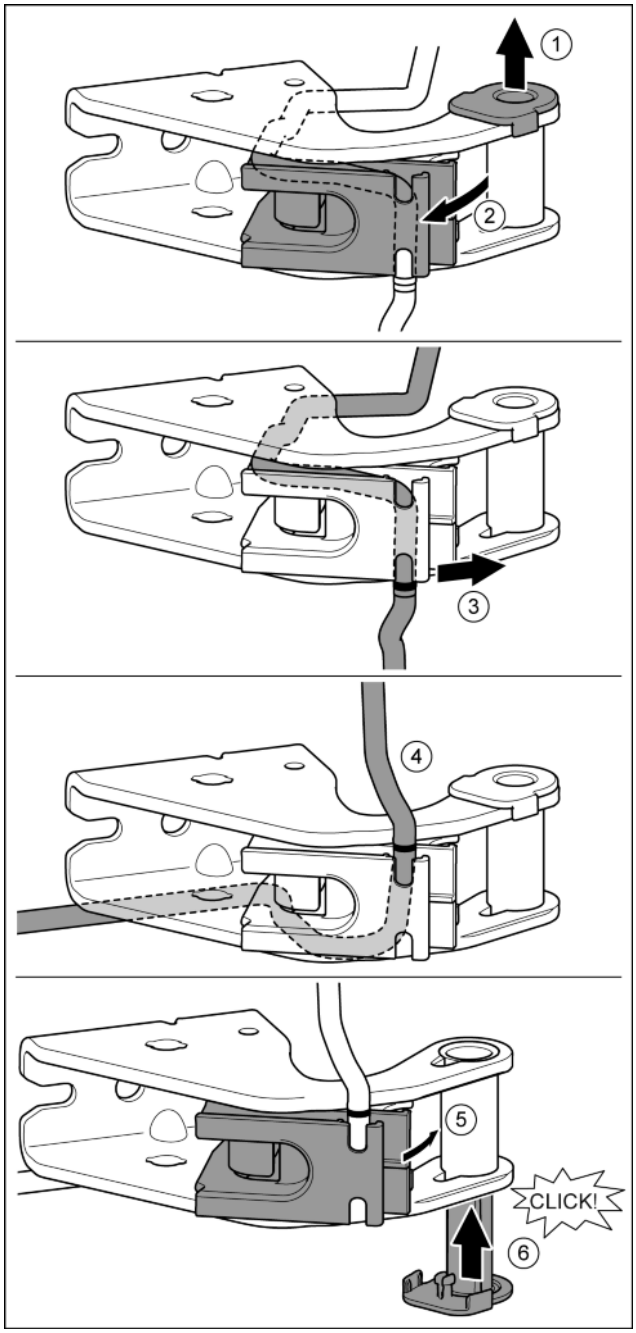


Fig. 26

- ▶ Pull the bearing bush out of the guide. *Fig. 26 (1)*
- ▶ Swing the cable holder out. *Fig. 26 (2)*
- ▶ Remove the cable from the guide. *Fig. 26 (3)*
- ▶ Insert the cable mirror inverted. *Fig. 26 (4)*
- ▷ The mark must be positioned on the edge of the cable holder.
- ▶ Swing the cable holder in. *Fig. 26 (5)*
- ▶ Insert the bearing bush from the other side and click into place. *Fig. 26 (6)*

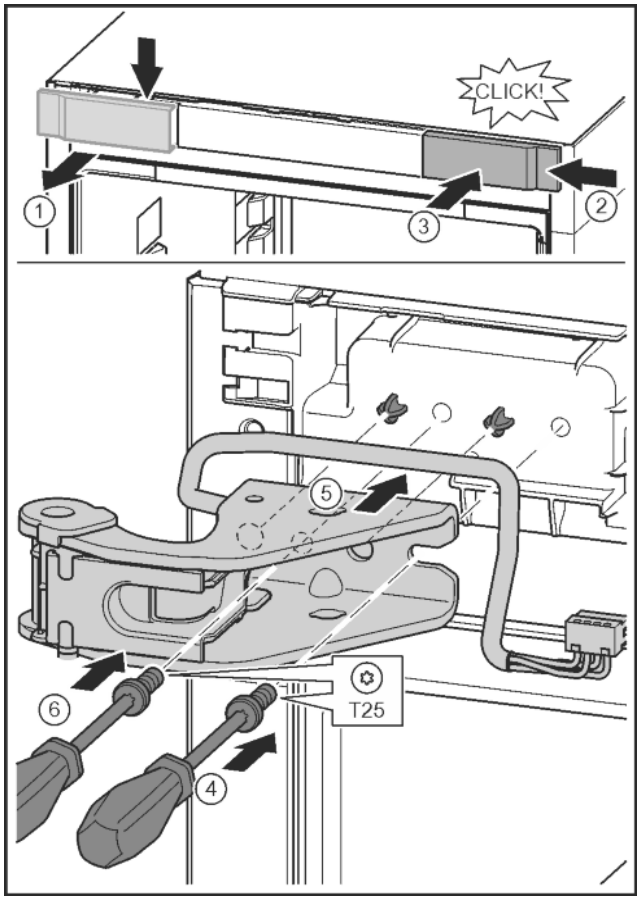


Fig. 27

- ▶ Release the cover and remove from the side. *Fig. 27 (1)*
- ▶ Rotate the cover 180° and clip onto the other side from the right. *Fig. 27 (2)*
- ▶ Click the cover into place. *Fig. 27 (3)*
- ▶ Position the screw with a T25 screwdriver. *Fig. 27 (4)*
- ▶ Position the upper bearing bracket. *Fig. 27 (5)*
- ▷ Place the pins in the provided screw holes.
- ▶ Tighten the screw. *Fig. 27 (4)*
- ▶ Insert the screw with a T25 screwdriver and tighten. *Fig. 27 (6)*

4.3.7 Moving the central bearing parts to the other side

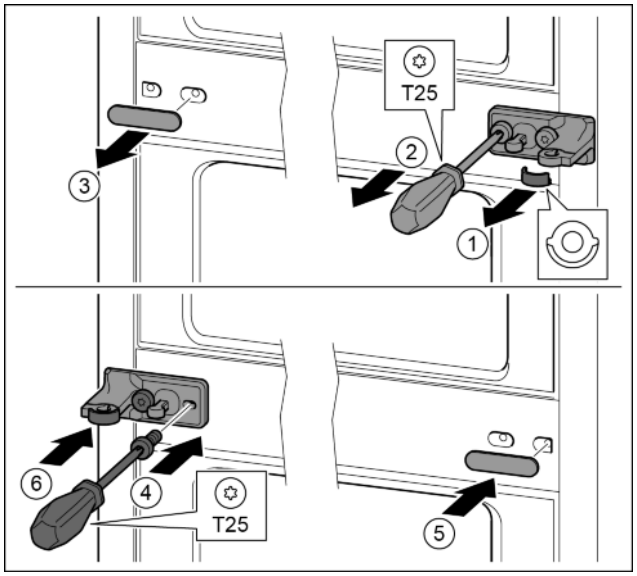


Fig. 28

- ▶ Remove the washer. *Fig. 28 (1)*
- ▶ Remove the screws with the T25 screwdriver. *Fig. 28 (2)*

- ▶ Remove the cover carefully. *Fig. 28 (3)*
- ▶ Screw the bearing bracket and the film rotated 180° firmly onto the other side. *Fig. 28 (4)*
- ▶ Attach the cover rotated 180° onto the other side. *Fig. 28 (5)*
- ▶ Push the washer in from the front. *Fig. 28 (6)*

4.3.8 Moving the lower bearing parts to the other side

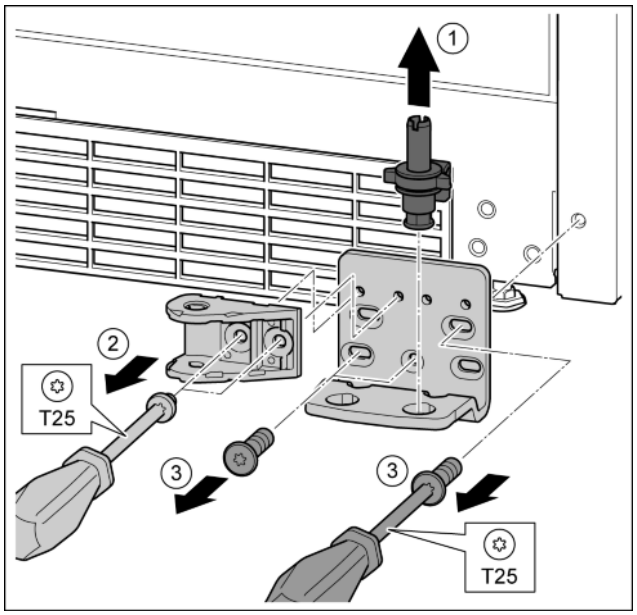


Fig. 29

- ▶ Lift the bearing pin completely upward and remove. *Fig. 29 (1)*
- ▶ Remove the screws with the T25 screwdriver and remove the soft stop connection. *Fig. 29 (2)*
- ▶ Undo the screws with a T25 screwdriver and remove the bearing bracket *Fig. 29 (3)*

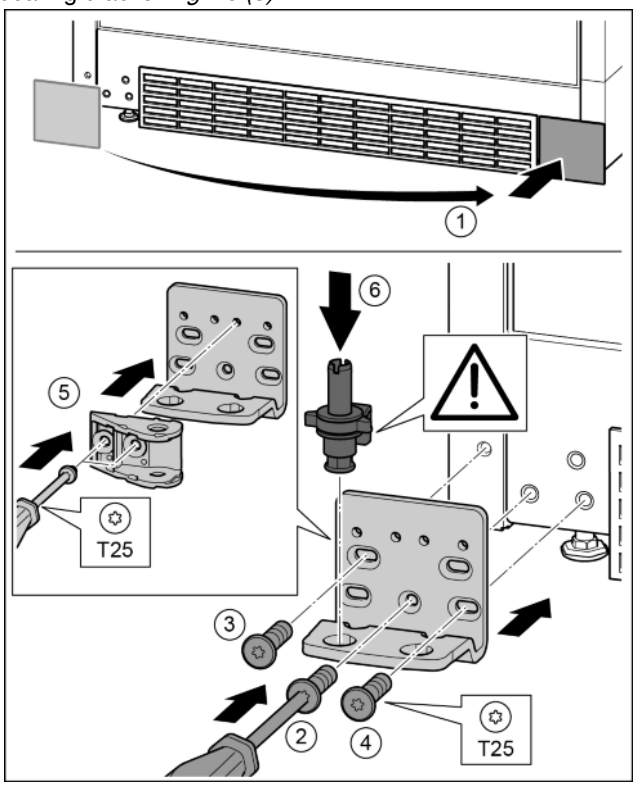


Fig. 30

- ▶ Remove the cover and fix it on the other side. *Fig. 30 (1)*
- ▶ Place the bearing bracket on the other side and screw in with the aid of a T25 screwdriver. Start with screw 2 at the bottom in the middle. *Fig. 30 (2)*
- ▶ Screw in screws 3 and 4. *Fig. 30 (3, 4)*
- ▶ Rotate the soft stop connection 180°. Screw in with a T25 screwdriver on the other side of the bearing bracket. *Fig. 30 (5)*
- ▶ Insert the bearing pin completely. Make sure that the catch mechanism is pointing to the rear. *Fig. 30 (6)*

4.3.9 Moving the door bearing parts to the other side

Top door

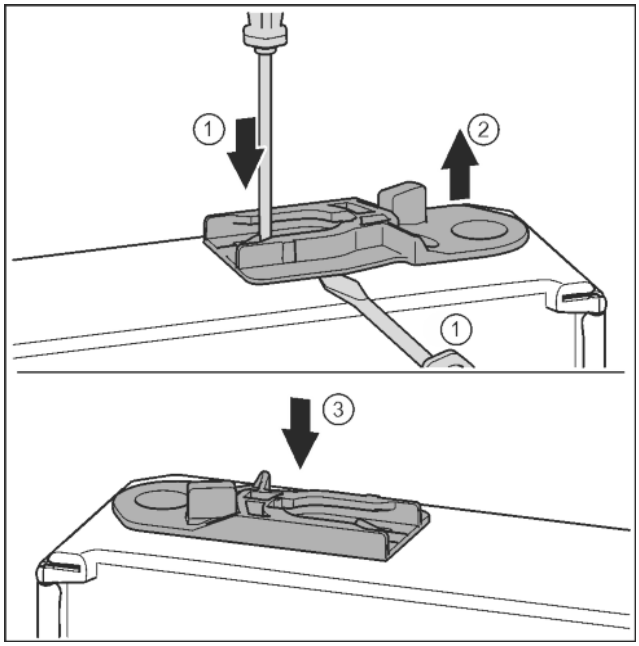


Fig. 31

- ▶ Underside of door faces upwards: Turn the door.
- ▶ Pull out the guide bush: Press the tab with a slotted screwdriver and, at the same time, insert the slotted screwdriver under the guide bush. *Fig. 31 (1, 2)*
- ▶ Slide the guide bush included in the scope of supply to the other side of the housing. *Fig. 31 (3)*
- ▶ Upper side of door faces upwards: Turn the door.

*** Depending on model and options**

4.3.10 Moving the handles to the other side

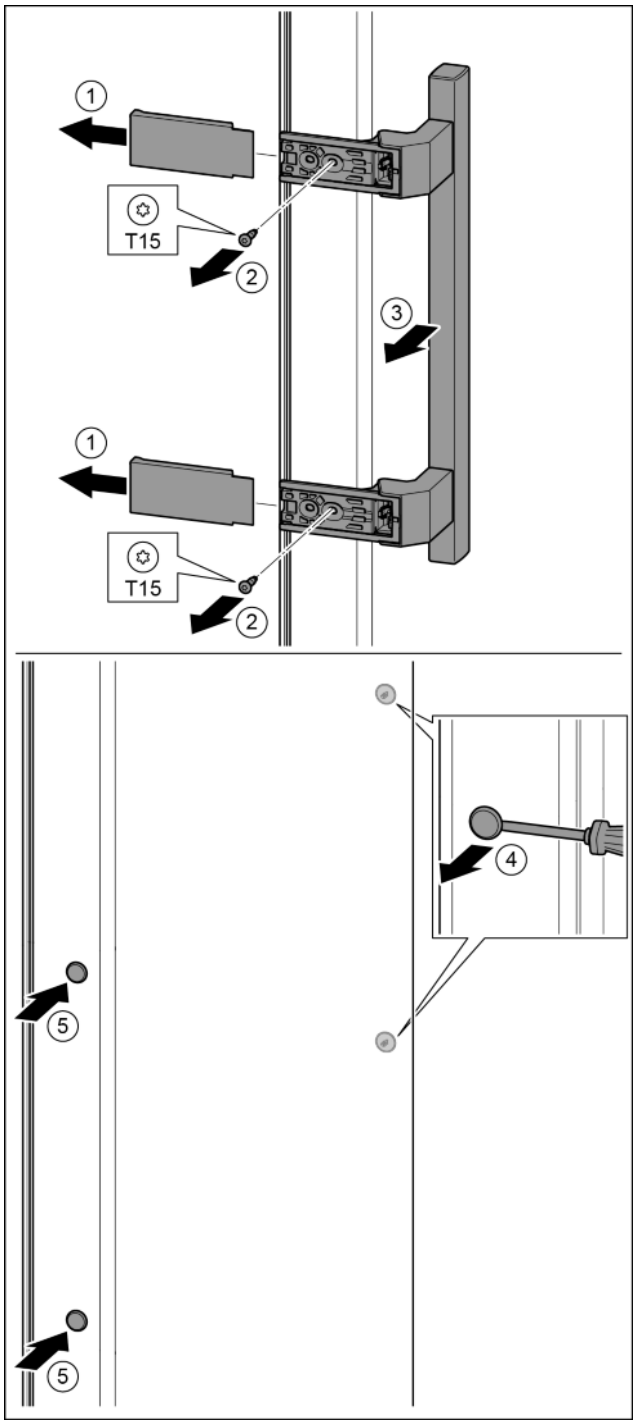


Fig. 32

- ▶ Pull off the cover. *Fig. 32 (1)*
- ▶ Remove the screws with the T15 screwdriver. *Fig. 32 (2)*
- ▶ Remove the handle. *Fig. 32 (3)*
- ▶ Carefully lift up the side plugs with a slotted screwdriver and pull them out. *Fig. 32 (4)*
- ▶ Insert the plugs again on the other side. *Fig. 32 (5)*

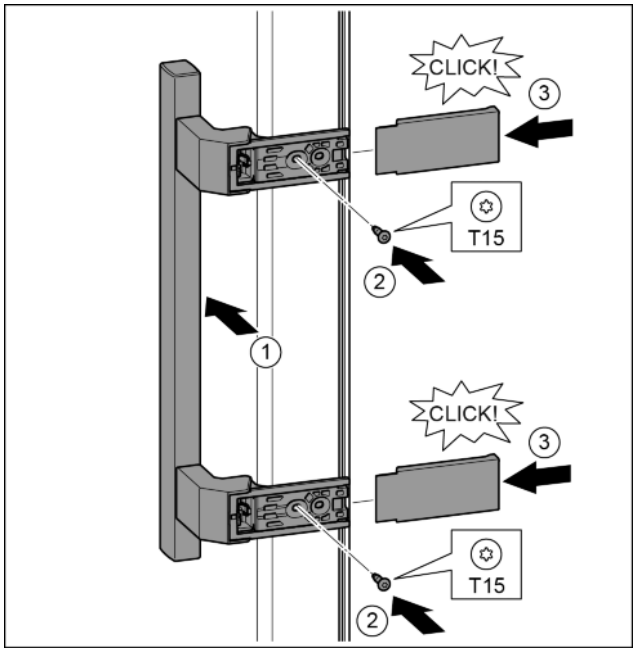


Fig. 33

- ▶ Position the handle on the other side. *Fig. 33 (1)*
- ▷ The screw holes must be exactly above each other.
- ▶ Tighten the screws with the T15 screwdriver. *Fig. 33 (2)*
- ▶ Position the covers on the side and push in. *Fig. 33 (3)*
- ▷ Ensure that it clicks into place.

4.3.11 Fitting the bottom door

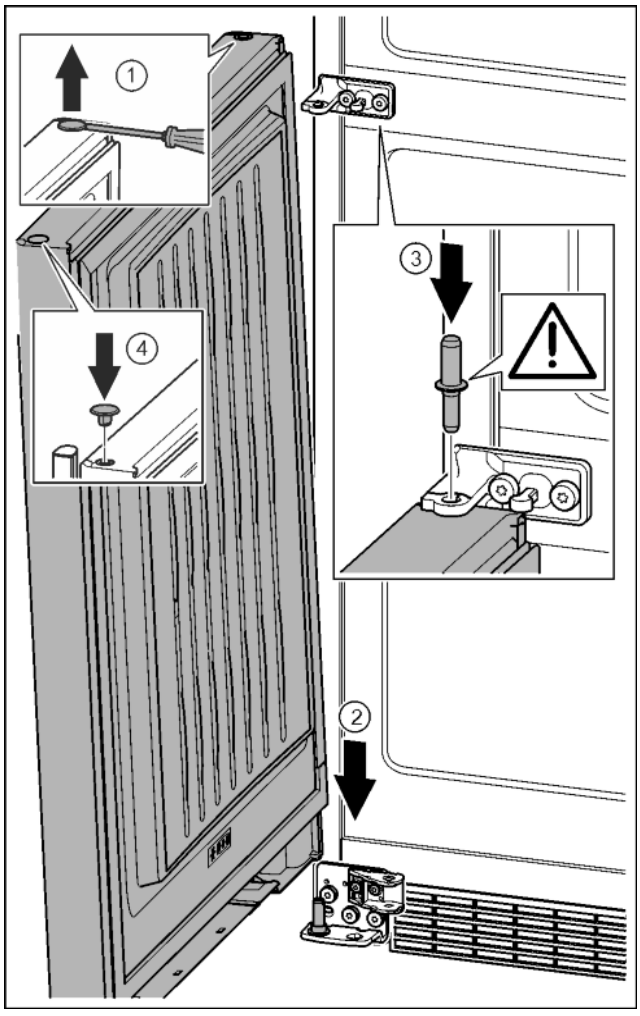


Fig. 34

- ▶ Carefully lift up the plugs with a slotted screwdriver and remove them. *Fig. 34 (1)*
- ▶ Position the door from above onto the lower bearing pins. *Fig. 34 (2)*
- ▶ Insert the centre bearing pin through the centre bearing bracket into the lower door. Make sure that the catch mechanism is pointing to the rear. *Fig. 34 (3)*
- ▶ Insert the plugs again on the other side of the door. *Fig. 34 (4)*

4.3.12 Fitting the upper door

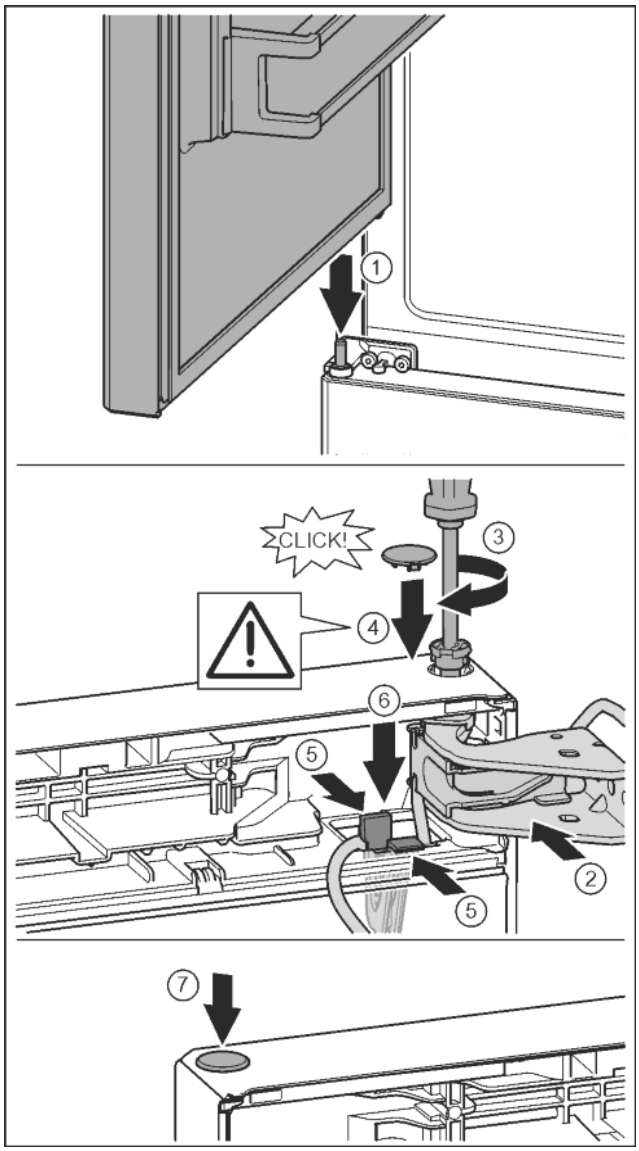


Fig. 35

- ▶ Place the upper door on the centre bearing pins *Fig. 35 (1)*
- ▶ Align the top of the door with opening in the bearing bracket. *Fig. 35 (2)*
- ▶ Insert the bolt and tighten with a T15 screwdriver. *Fig. 35 (3)*
- ▶ Fit the protective cover to protect the door: Insert the protective cover and check that it is attached to the door. If not, insert the bolt fully. *Fig. 35 (4)*
- ▶ Insert the holder with its cable into the opening. At the same time, the tab with the longer opening must point forward. *Fig. 35 (5)*
- ▶ Press the holder downwards until the tab clicks into place. *Fig. 35 (6)*
- ▶ Insert the plugs. *Fig. 35 (7)*

4.3.13 Fitting the cable connection

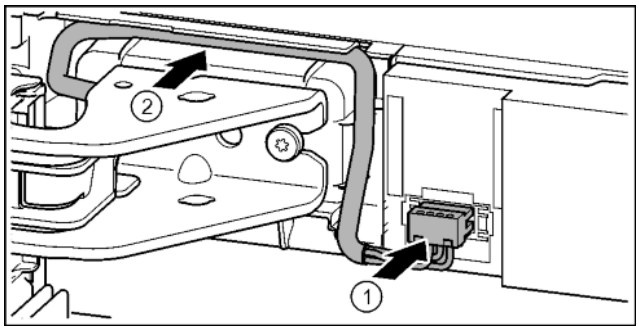


Fig. 36

- ▶ Engage the plug above the upper bearing bracket and carefully place the cable strands into the channel. *Fig. 36 (1)*
- ▶ Carefully position the grey cable in the guide above the top bearing bracket. *Fig. 36 (2)*

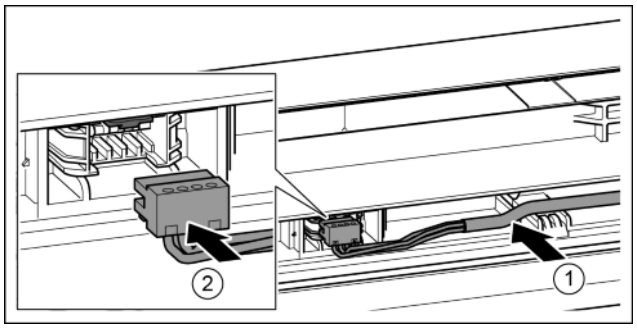


Fig. 37

- ▶ Insert the grey cable into the guide in the top door. *Fig. 37 (1)*
- ▶ Engage the plug. *Fig. 37 (2)*
- ▶ Position the remaining cable length as a loop in the guide, if required.

4.3.14 Aligning the doors

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.

- ▶ Align the doors flush with the appliance housing using the two oblong holes in the lower bearing bracket and centre bearing bracket if needed. To do this undo the middle screw in the bottom bearing bracket with the T25 tool supplied. Undo the remaining screws a little with the T25 tool or with a T25 screwdriver and align using the slotted holes. Undo the screws in the middle bearing bracket with the T25 tool and align the middle bearing bracket using the slotted holes.
- ▶ Support the door: Take off the adjustable foot on the bearing bracket using the open-ended wrench SW10 until it comes into contact with the floor, then turn an additional 90°.

EN

4.3.15 Fit the bottom soft stop mechanism

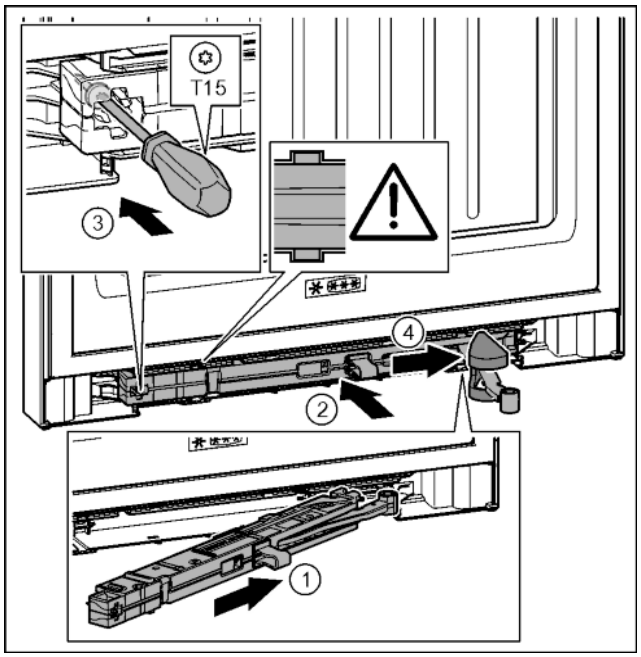


Fig. 38

- ▶ Slide the soft stop mechanism on the bearing bracket side at an angle into the slot as far as the limit stop. *Fig. 38 (1)*
- ▶ Slide the soft stop mechanism fully into the slot. *Fig. 38 (2)*
- ▷ The unit is positioned correctly when the rib on the soft stop mechanism is in the guide.
- ▶ Tighten the screw with the T15 screwdriver. *Fig. 38 (3)*
- ▶ Push the cover over the hinge. *Fig. 38 (4)*

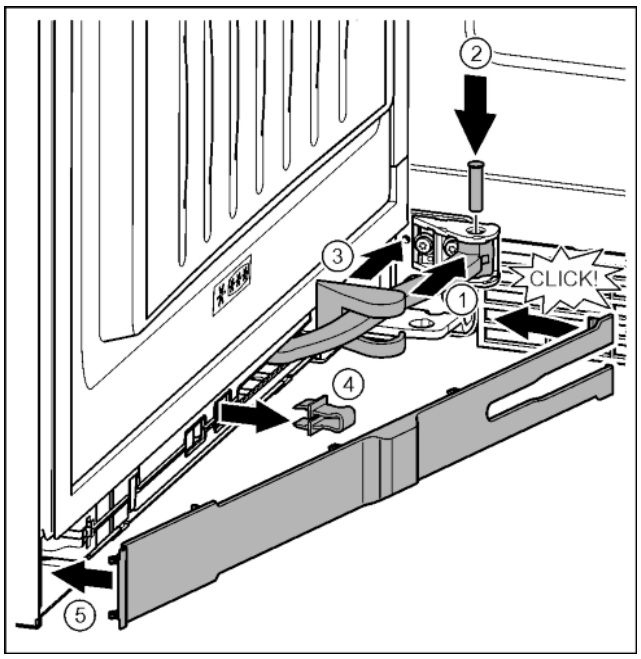


Fig. 39

The door is open 90°

- ▶ Turn the hinge in the mount. *Fig. 39 (1)*
- ▶ Insert the bolt with a T15 screwdriver in the mount and hinge. Make sure that the catch mechanism is sitting correctly in the groove. *Fig. 39 (2)*
- ▶ Push the bearing bracket cover along the hinge and fit on the mount. *Fig. 39 (3)*
- ▶ Remove the locking device. *Fig. 39 (4)*
- ▶ Position the panel on the handle side and swing it in. *Fig. 39 (5)*
- ▷ The panel is clicked into place.
- ▶ Close the bottom door.

4.3.16 Fit the top soft stop mechanism

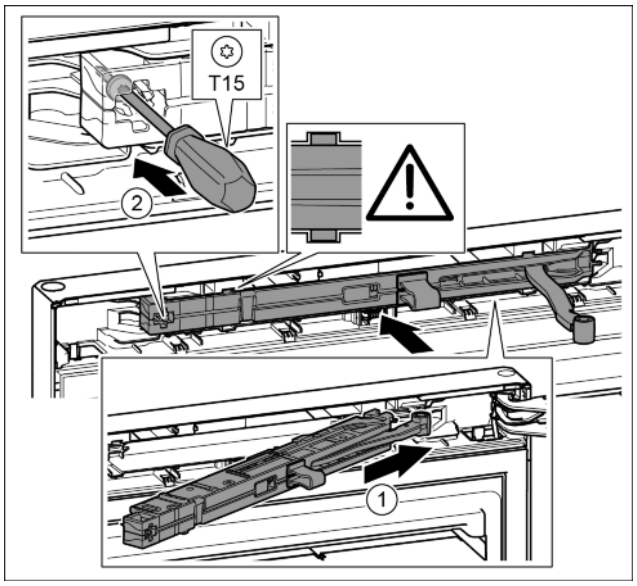


Fig. 40

- ▶ Slide the soft stop mechanism on the bearing bracket side at an angle into the slot as far as the limit stop. *Fig. 40 (1)*
- ▶ Slide the unit in fully.
- ▷ The unit is positioned correctly when the rib on the soft stop mechanism is in the guide in the housing.
- ▶ Tighten the screw with the T15 screwdriver. *Fig. 40 (2)*

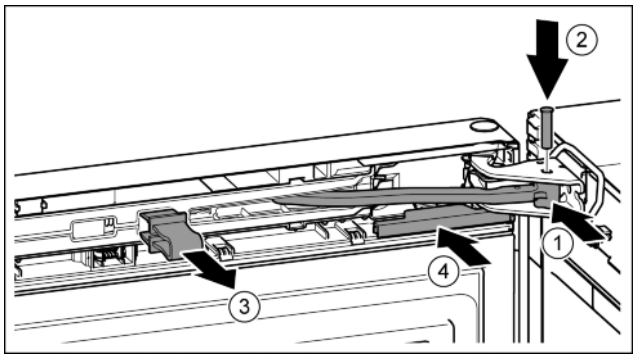


Fig. 41

The door is open 90°.

- ▶ Turn the hinge in the bearing bracket. *Fig. 41 (1)*
- ▶ Insert the bolt in the bearing bracket and hinge. Make sure that the catch mechanism is sitting correctly in the groove. *Fig. 41 (2)*
- ▶ Remove the locking device. *Fig. 41 (3)*
- ▶ Slide on the cover. *Fig. 41 (4)*

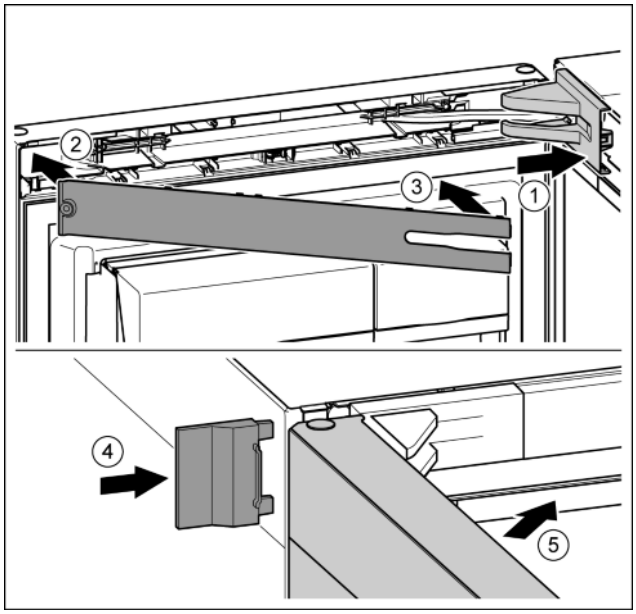


Fig. 42

▶ Position the bearing bracket and engage. If necessary push apart carefully. *Fig. 42 (1)*
▶ Position the panel. *Fig. 42 (2)*
▶ Swing in the panel and click into place. *Fig. 42 (3)*
▶ Slide on the external cover. *Fig. 42 (4)*
▶ Close the upper door. *Fig. 42 (5)*

4.4 Water connection

WARNING
Danger of electric shock!
▶ Disconnect the appliance by unplugging it before you connect it to the water line.
▶ Shut off the water supply before you connect the water feed lines of the IceMaker.
▶ The connection to the drinking water system may be carried out only by a qualified gas fitter and plumber.

WARNING
Risk of poisoning!
▶ The water quality has to comply with the drinking water ordinance of the respective country (e.g. 98/8
▶ Connect to the drinking water supply only.
▶ The IceMaker serves exclusively for making ice cubes in household quantities and has to be operated with water suitable for the purpose.

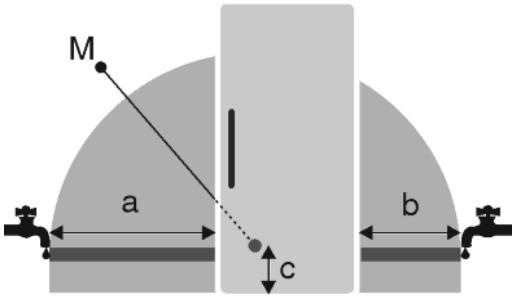


Fig. 43

a	b	c	M
~ 1100 mm	~ 700 mm	~ 110 mm	Solenoid valve

- The water pressure must be between 0.15 MPa and 0.6 MPa (1.5 bar - 6 bar).
- The water supply to the appliance must be via a cold water pipe which withstands the operating pressure and complies with the hygiene regulations.
  Use the supplied stainless steel hose (length 1.5 m). Do not reuse old hoses. A 3 m hose is available as an optional extra. This hose must be professionally installed.
  In the hose connecting piece is a sieve with seal.
- Between the hose and the domestic water connection there has to be a stopcock to interrupt the water supply in case of need.
- All the fixtures and fittings used for water supply have to comply with the applicable regulations of the respective country.
- Do not damage or kink the water inlet pipe when installing the appliance.

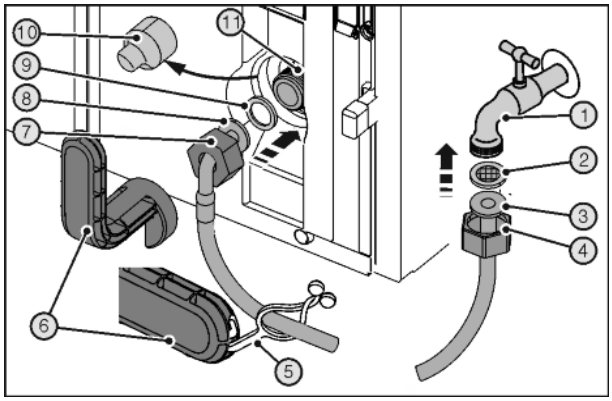


Fig. 44

The solenoid is at the bottom on the back of the appliance. It has a metric R3/4 connecting thread.

For specialist staff:

The rear of the appliance must be accessible so that the stainless steel hose can be connected:

WARNING
Risk of injury.
Cuts from a broken auxiliary tool *Fig. 44 (6)*.
▶ Only use an auxiliary tool *Fig. 44 (6)* at room temperature.

▶ Slide the nut *Fig. 44 (4)* over the straight end of the hose *Fig. 44 (3)* up to the end and secure.
▶ Insert the filter *Fig. 44 (2)* into the nut *Fig. 44 (4)*.
▷ The filter *Fig. 44 (2)* rests flat on the straight end of the hose *Fig. 44 (3)* and is easily retained.
▶ Connect the nut *Fig. 44 (4)* to the cut-off valve *Fig. 44 (3)* with the filter resting on the straight end of the hose *Fig. 44 (2)* .
▶ Open the water supply cut-off valve *Fig. 44 (1)* to bleed the water pipe and fill it with water. Keep the hose in a bucket.
▶ Remove the cover *Fig. 44 (10)*.
▶ Slide the nut *Fig. 44 (7)* over the angled end of the hose *Fig. 44 (8)* up to the end and secure.
▶ Moisten the seal *Fig. 44 (9)* and push into the nut *Fig. 44 (7)* on the end of the angled hose *Fig. 44 (8)*.
▷ The seal *Fig. 44 (9)* lies flat on the angled end of the hose *Fig. 44 (8)* and is easily retained.

NOTICE
Risk of damaging the threads of the solenoid.
▶ Locate the nut carefully and screw onto the thread.

▶ Connect the nut *Fig. 44 (7)* to the solenoid *Fig. 44 (8)* with the seal resting on the *Fig. 44 (9)*angled end of the hose *Fig. 44 (11)*.
▶ Tighten connections with the auxiliary tool *Fig. 44 (6)* clockwise until the maximum torque is reached and the auxiliary tool *Fig. 44 (6)* is overwound.

▶ Open the water supply cut-off valve *Fig. 44 (1)* and check the whole water system for leaks.
▶ Hook the clip *Fig. 44 (5)* into the auxiliary tool *Fig. 44 (6)* and fix it to the stainless steel pipe to store it.

4.5 Insertion into a row of kitchen units

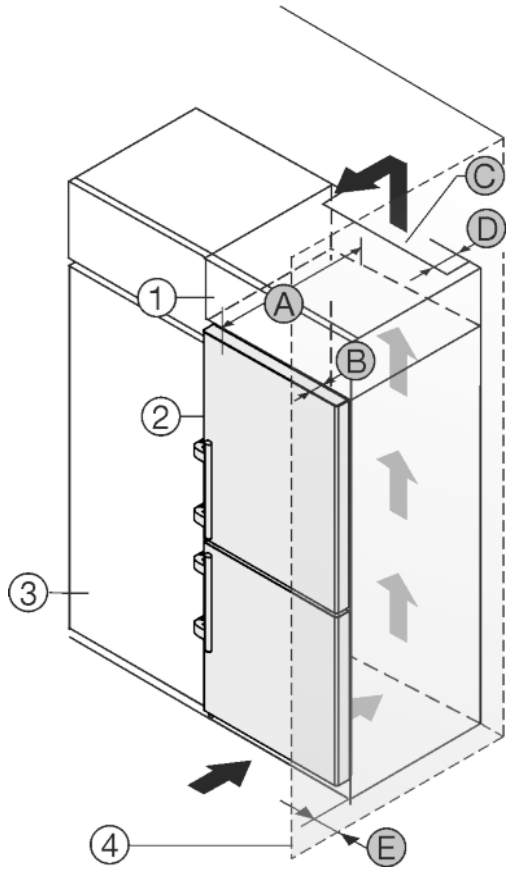


Fig. 45

A [mm]	B [mm]	C [cm²]	D [mm]	E [mm]
665 x	65	Min. 300	Min. 50	Min. 46

x If wall spacers are used, the dimensions increase by 15 mm (see 4.2) .

The dimensions apply for an opening angle of 90 °. Spacing angles will vary according to the opening angle.

You can purchase a kit to limit the door opening angle to 90° on soft closing appliances. Please contact our customer service team.

The appliance can be built into kitchen units. A top cupboard *Fig. 45 (2)* can be added above the appliance in order to bring the appliance *Fig. 45 (1)* up to the height of the fitted kitchen units.

The appliance can be installed right next to the kitchen cabinet *Fig. 45 (3)*. The appliance must stick out by the depth *Fig. 45 (B)* from the front of the cabinet so that the doors can be opened fully. The appliance may protrude further depending on the depth of the kitchen cabinets and whether wall spacers are used.

NOTICE
Danger of overheating due to insufficient air ventilation!
The compressor may be damaged if there is insufficient air ventilation.
▶ Take care to ensure adequate air ventilation.
▶ Observe the ventilation requirements.

Ventilation requirements:

- Spacer ribs on the back of the appliance provide sufficient air ventilation. In the final appliance position, these must not be placed in recesses or cut-outs.
- There must be a ventilation shaft with the depth *Fig. 45 (D)* at the back of the top cupboard over the entire width of the cupboard.
- The ventilation shaft *Fig. 45 (C)* must be observed under the ceiling.
- the larger the ventilation space, the more energy-saving the appliance is in operation.

If the appliance is installed with the hinges next to a wall *Fig. 45 (4)* the distance *Fig. 45 (E)* between the appliance and the wall must be observed. This is how far the handle protrudes when the door is open.

4.6 Disposing of packaging

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

4.7 Connecting the appliance

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

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

Note
Only use the power connection lead supplied.
▶ A longer power connection lead can be ordered from Customer Service.

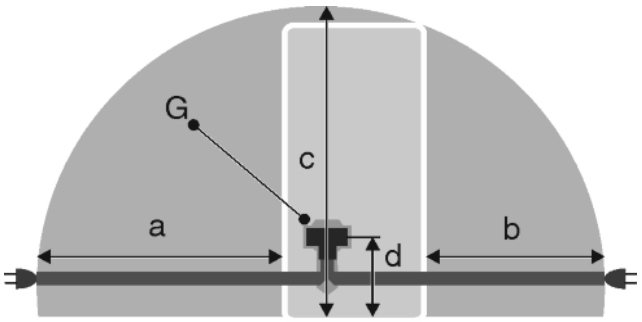


Fig. 46

a	b	c	d	G
~ 1800 mm	~ 1400 mm	~ 2100 mm	~ 200 mm	Appliance plugs

Ensure that the following conditions are met:

- The type of current and voltage at the installation site correspond to the information on the model plate (see Appliance at a glance).
- The socket is earthed according to the regulations and fused.
- The fuse tripping current is between 10 and 16 A.
- The socket is easily accessible.
- The socket is outside the back of the appliance area in the specified area *Fig. 46 (a, b, c)*.

▶ Check the electrical connection.
▶ Insert the appliance plug *Fig. 46 (G)* into the back of the appliance. Ensure that it clicks into place.
▶ Connect the power plug to the power supply.
▷ The Liebherr logo appears on the screen.
▷ The display switches to the standby symbol.

4.8 Switching on the appliance

Note
Demonstration mode is active: *DemoMode active!*, appears on the screen.
▶ Cancelling demo mode. (see Malfunction).

Note
The manufacturer recommends:
▶ Store frozen produce at -18 °C or colder.

Connect and switch on appliance approx. 2 hours before loading for the first time. (see 4.7)

4.8.1 Initial operation

The basic system settings are defined in 4 steps.
▶ Press the standby symbol.

Step 1: Set language
▶ Display other languages: Press navigation arrows if required.
▶ Choose language.: Press selection indicator next to selected language.
▶ Press *Next*.

Step 2: Set date
▶ Choose date format: Press selection indicator next to selected date format.
▶ Set day, month and year: Press navigation arrows repeatedly or press and hold.
▶ Display date on status screen: Press status button On/Off if required
▶ Press *Next*.

Step 3: Set time
▶ Choose time format: Press selection indicator next to selected time format.
▶ Set hours and minutes: Press navigation arrows repeatedly or press and hold.
▶ Press *Next*.

Step 4: Set temperature unit
▶ Choose temperature unit: Press selection indicator next to selected temperature unit.
▶ Press *Next*.
▷ The display switches to the home screen.
▷ The appliance is switched on and set to the displayed temperature.

4.8.2 Further operation

If the appliance has been disconnected from the mains supply, the language needs to be reset.
▶ Display other languages: Press navigation arrows if required.
▶ Choose language.: Press selection indicator next to selected language.
▶ Press *Next*.
▷ The display switches to the home screen.
▷ The appliance starts with the last settings in the *Day-to-Day programme*.

4.8.3 Switch on appliance

The standby symbol is displayed in refrigerator compartment, the BioFresh Plus and freezer compartment field:
▶ Press the freezer compartment, BioFresh Plus compartment or refrigerator compartment field.
▶ Display more temperature values: Press navigation arrows if required.
▶ Press temperature value.
▷ The appliance is switched on and set to the displayed temperature.

Screen is black:
▶ Press screen.
▷ The standby symbol appears on the screen.

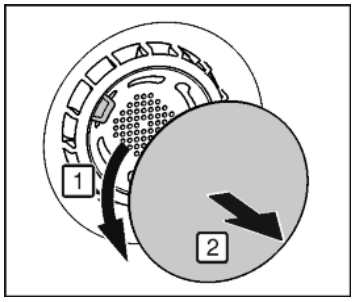
The standby symbol is displayed on the whole screen:
▶ Press standby symbol.
▶ The display switches to the home screen.
▷ The appliance starts with the last settings in the *Day-to-Day programme*.

4.8.4 Switch on the refrigerator and BioFresh Plus compartment.

The standby symbol is displayed in the refrigerator compartment and BioFresh Plus field.
▶ Press the refrigerator compartment or BioFresh Plus field.
▶ Display more temperature values: Press navigation arrows if required.
▶ Press temperature value.

4.9 Inserting the FreshAir filter.

The supplied FreshAir filter guarantees optimum air quality. It should be changed every 12 months. When the reminder function is set, a message on the display prompts you to change it.
▶ Remove the fan cover.



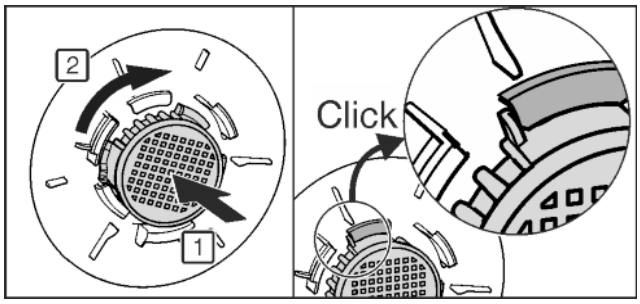


Fig. 47

▶ Place the FreshAir filter into the cover and turn to the right.
▶ Ensure that the filter clicks into place.
▶ Replace the fan cover again.

Switch on reminder function
▶ Press menu.
▶ Navigate to *System settings*: Press navigation arrows.
▶ Press *System Settings*.
▶ Navigate to *Appliance filter*: Press navigation arrows.
▶ Press *Appliance filter*.
▶ Press *FreshAir filter*.

▶ Press status button On/Off
▷ A message prompts you to change it once the reminder function has expired.

4.10 Activating the clean ventilation grill reminder function

The ventilation grill must be cleaned at least once a year for sufficient ventilation. When the reminder function is set, a message on the display prompts you to clean it.
▶ Press menu.
▶ Navigate to *System settings*: Press navigation arrows.
▶ Press *System Settings*.
▶ Navigate to *Appliance filter*: Press navigation arrows.
▶ Press *Appliance filter*.
▶ Press *Ventilation grill*.
▶ Press status button On/Off
▷ A message prompts you to clean it once the reminder function has expired.

5 Control

5.1 System settings

Basic settings can be made in *System settings*.
▶ Press menu.
▶ Navigate to *System settings*: Press navigation arrows.
▶ Press *System Settings*.
▶ Navigate to relevant system setting: Press navigation arrows.

The following system settings are listed:
- *Appliance filter*: (see Putting into operation)
- *Appliance information*: (see Maintenance)

5.1.1 Set language

The display language can be set in *Language*.
▶ Press *Language*.
▶ Display other languages: Press navigation arrows.
▶ Press selection indicator next to selected language.

5.1.2 Set date

The date format and date can be set in *Date*.
▶ Press *Date*.
▶ Choose date format: Press selection indicator next to selected date format.
▶ Set day, month and year: Press navigation arrows repeatedly or press and hold.
▶ Display or delete date on status screen: Press status button On/Off if required

5.1.3 Set time

Time and time display can be set in *Time*.
▶ Press *Time*.
▶ Choose time format: Press selection indicator next to selected time format.
▶ Set hours and minutes: Press navigation arrows repeatedly or press and hold.

5.1.4 Set temperature unit

The temperature unit of °C and °F can be set in *Temperature units*.
▶ Press *Temperature units*.
▶ Press selection indicator next to selected temperature unit.

5.1.5 Set screen brightness

Under *Display* you can set the brightness of the Status screen, the time until the Status screen darkens and you can have the screen switch off without opening the door after 24 hours.

If the screen switch off pre-set when it is delivered from the factory is switched off, the amount of energy use increases slightly.
▶ Press *Display*.
▶ Set the Status screen brightness from levels 1 to 5: Press navigation arrows.
▶ Set the time before the screen darkens, from 30 seconds to 10 minutes: Press navigation arrows.
▶ Enable/disable screen auto switch-off after 24 hours: Press status button On/Off if required.

5.1.6 Setting audible signals

Audible signals for the following situations can be selected or deselected under *Sound*:

Audible signal	Effect
Acoustic signal for alerts	Alert messages appearing during operation. These have no direct influence on the refrigerator's cooling function. An on-screen message is also displayed if there is a message.
Acoustic signal for reminders	Reminder about consumables which need to be replaced. These have no immediate effect on the cooling function. An on-screen message is also displayed if there is a message.
Acoustic signal for confirmations	Confirmation signal when changing options and functions.

▶ Press *Sound*.
▶ Switch acoustic signals on or off: Press status button On/Off

5.1.7 System reset

Settings can be reset to factory settings in *Reset*.
▶ Press *Reset*.
▶ Press *Reset*.
▷ Settings are reset to factory settings.
▷ The display switches to language setting.
▶ Repeat settings for initial operation. (see 4.8.1)

5.2 Timer

A timer can be activated on the status screen.

During the timer cycle time, all settings can be made.

5.2.1 Switching on the timer

▶ Press time on the status screen.
▷ Timer settings are displayed.

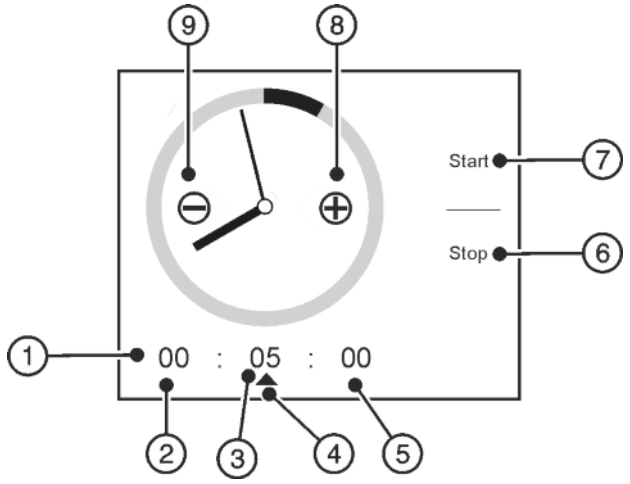


Fig. 48

(1) Timer cycle time
(2) Hours
(3) Minutes
(4) Selected time unit
(5) Seconds
(6) Stop
(7) Start
(8) Plus
(9) Minus

▶ Press on hours, minutes or seconds.
▶ Symbol ▲ designates selected time unit.
▶ Increase cycle time: Press plus.
▶ Reduce cycle time: Press minus.
▶ Change other time unit: Press on preferred time unit and change relevant cycle time with plus and minus.
▶ Press *Start*.
▷ Timer cycle time and *Stop* are displayed.

5.2.2 Switching Timer off ahead of schedule

▶ Press *Stop*.

5.2.3 Timer cycle time has expired

Timer alarm message appears on the screen.
▶ Press *OK*.

5.3 Programme

The appliance can be operated with 5 preset programmes. Each programme offers individual temperature and function settings for different requirements. Depending on the programme, different settings can be selected and options activated.

Options which can be activated are displayed on the Home screen. A preselection of options is displayed at every programme start. These options can be selected and deselected using the Edit command.

5.3.1 Change programme

The selected programme is displayed on the top left of the home screen.
▶ Change programme: Press navigation arrows.
▶ Press *Activate*.

5.3.2 *Day-to-Day programme*

The *Day-to-Day programme* is intended as a standard programme for everyday requirements. The set temperatures offer optimum refrigeration for individual temperature areas. Settings can be made individually. Changes in the *Day-to-Day programme* are saved so that they are not lost when changing programme. Time-limited options are not automatically started on programme restart.

Preset temperatures:

- Fridge compartment 5 °C
- Freezer compartment -18 °C
- BioFresh Plus 0 °C / 0 °C / 0 °C

Preselected options:

- *SuperCool*
- *SuperFrost*
- Energy saving tips
- Storage recommendations

Options selectable via Edit:

- *SabbathMode*
- *Night mode*
- *Bottle timer*
- *IceMaker*

5.3.3 *EnergySaver programme*

The *EnergySaver programme* is intended for lowering energy consumption. Higher temperatures are preset in all temperature zones as a result of which the appliance has to cool less. Changes to options are discarded after a programme change.

Preset temperatures:

- Fridge compartment 7 °C
- Freezer compartment -16 °C
- BioFresh Plus 0 °C / 0 °C / 0 °C

Preselected options:

- Energy saving tips
- Storage recommendations
- Display settings

The preselection includes all options which can be selected and deselected via the Edit command.

5.3.4 *MaxPerformance programme*

The *MaxPerformance programme* is intended for maximum refrigeration. It is specially designed for storing large amounts of food. The lowest temperatures are preset in all temperature areas. Changes to options are discarded after a programme change.

Preset temperatures:

- Fridge compartment 3 °C
- Freezer compartment -26 °C
- BioFresh Plus 0 °C / 0 °C / 0 °C

Preselected options:

- *SuperCool*
- *SuperFrost*

Options selectable via Edit:

- *IceMaker*
- *Bottle timer*

Activated options:

- *SuperCool*
- *SuperFrost*

On expiry of all time-limited options, the programme changes to the *Day-to-Day programme*.

5.3.5 *Party programme*

The *Party programme* offer special options and settings for before and during a party. For example, drinks can be cooled more quickly using the *BottleTimer*. The *PartyTimer* option can be used to select the programme cycle time and a connecting programme. The lowest temperatures are preset in all temperature areas. Changes to options are discarded after a programme change.

Preset temperatures:
- Fridge compartment 3 °C
- Freezer compartment -26 °C
- BioFresh Plus 0 °C / 0 °C / 0 °C

Preselected options:
- *Party timer*
- *Bottle timer*
- *IceMaker*
- *SuperCool*
- *SuperFrost*
- Storage recommendations

Options selectable via Edit:
- *Night mode*

Activated options:
- *IceMaker*
- *SuperCool*
- *SuperFrost*

5.3.6 *Holiday programme*

The *Holiday programme* is intended for minimum energy consumption during an extended absence. Temperature in the fridge compartment is increased to 15 °C, this way saving energy and preventing bad smells and mould formation. The fridge compartment must be emptied completely during the programme duration. The set freezer temperature remains unchanged.

Preselected options:
- Energy saving tips
- *IceMaker*

The preselection includes all options which can be selected and deselected via the Edit command.

5.4 Options

General options not assigned to a specific programme can be set from the menu on the Home screen.

Programme-specific options can be selected in the relevant programme via the Edit command and displayed on the Home screen. A preselection of options is displayed at every programme start.

These options can be selected and deselected using the Edit command depending on the programme. An overview offers (see 5.3)

5.4.1 Selecting and deselecting options.

Note
Option selection includes a maximum of 6 options.
▶ Select up to 6 options at the same time.

▶ Press Edit.
▷ A list of programme-specific options is displayed.

○ The option is not displayed on the Home screen.

✓ The option is displayed on the Home screen.

▶ Call up more options: Press navigation arrows.
▶ Select or deselect option: Press selection indicator on the right next to the option.
▶ Save selection: Press Home or Back symbol.

Maximum number reached message displayed: More than 6 options have been selected.
▶ Press *OK*.
▷ Changes not made.
▷ The display switches to the home screen.
▶ Selecting and deselecting options again. Press Edit.

5.4.2 Child proofing

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

Switching the child lock on and off

▶ Press menu.
▶ Navigate to the *child lock*: Press navigation arrows.
▶ Press *child lock*.
▶ Press status button On/Off

5.4.3 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.
- The IceMaker does not work.
- 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.

Switching *SabbathMode* on.

▶ Press the *SabbathMode* symbol on the Home screen.

-or-
▶ Press menu.

▶ Navigate to *SabbathMode*: Press navigation arrows.
▶ Press *Activate*.

▷ The *SabbathMode* symbol is displayed on the screen.



▷ *SabbathMode* switches off automatically after 120 hours if it has not already been switched off manually. The display switches to the home screen.

Switch off the *SabbathMode*

▶ Press screen.
▶ Press *Stop*.
▷ The display switches to the home screen.

5.4.4 Energy saving tips

Practical information on reducing energy consumption can be retrieved in *Energy saving tips*.

▶ Press the *Energy saving tips* symbol on the Home screen.



-or-

▶ Press menu.

▶ Never gate to *Energy saving tips*: Press navigation arrows.
▶ Press *Energy saving tips*.
▶ Display more *Energy saving tips*: Press navigation arrows.

5.4.5 Storage recommendations

Practical information on storing food in the refrigerator compartment and BioFresh compartment can be called up in *Storage tips*.

▶ Press the *Storage tips* symbol on the Home screen.



-or-

▶ Press menu.

▶ Navigate to *Storage tips*: Press navigation arrows.
▶ Press *Storage tips*.
▷ Different food groups are displayed.
▶ Display more food groups: Press navigation arrows.
▶ Processed food group.
▷ Different foods are displayed.
▶ Display more food: Press navigation arrows.
▶ Press food.
▷ Tips on storage, vitamins and minerals are displayed.

5.4.6 *Night mode*

Time periods can be set with the *NightMode*, in which no acoustic alerts and reminders are triggered.

Switching on *NightMode*:

▶ Press the *NightMode* symbol on the Home screen.



-or-

▶ Press menu.

▶ Navigate to *NightMode*: Press navigation arrows.
▶ Press *NightMode*.
▶ Set start and end time in hours and minutes: Press navigation arrows repeatedly or press and hold.
▶ Press status button On/Off
▷ *NightMode* is switched on, starts and ends daily at the selected time.

Switching off *NightMode*:

▶ Press the *NightMode* symbol on the Home screen.



-or-

▶ Press menu.

▶ Navigate to *NightMode*: Press navigation arrows.
▶ Press *NightMode*.
▶ Press status button On/Off

5.4.7 *Party timer*

The *Party programme* cycle time and a subsequent programme can be defined, which should be changed when the *PartyTimer* expires, using the *PartyTimer* .

Switch on *PartyTimer* **:**

▶ Press the *PartyTimer* symbol on the Home screen.



▶ Set the programme duration in 4 levels from 6 hours to 24 hours: Press navigation arrows.
▶ Select subsequent programme: Press navigation arrows.
▶ Press status button On/Off
▷ Cycle time is displayed on the Home screen on the symbol.

Switching *PartyTimer* **off ahead of schedule:**

▶ Press the *PartyTimer* symbol on the Home screen.



▶ Press *Stop*.
▷ The display switches to the home screen.

5.4.8 SuperCool

With SuperCool you switch to the highest cooling performance to reach lower cooling temperatures. Use SuperCool, to rapidly cool large amounts of food.



The SuperCool function uses slightly more energy.

Switching on SuperCool

▶ Press the *SuperCool* symbol on the Home screen.



▶ Set the cycle time in 4 levels from 3 hours to 12 hours: Press navigation arrows.
▶ Press status button On/Off
▷ Temperature drops gradually.
▷ Cycle time is displayed on the Home screen on the symbol.
▷ The *SuperCool* symbol is displayed on the status screen.

After the preset cycle time, the appliance returns to normal mode. Temperature gradually changes to the previously set temperature.

Switching SuperCool off ahead of schedule



▶ Press the *SuperCool* symbol on the Home screen.
▶ Press *Stop*.
▶ The display switches to the home screen.
▷ Temperature gradually changes to the previously set temperature.

5.4.9 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

Switching SuperFrost on.

▶ Press the *SuperFrost* symbol on the Home screen. 

▶ Press status button On/Off
▷ Temperature drops gradually.
▷ The *SuperFrost* symbol is displayed on the status screen.

If there is a small amount of frozen food:
▶ wait about 6 hours.
▶ Appliance with NoFrost: Put packaged food into the top drawers.
▶ Appliance without NoFrost: Put packaged food into the bottom drawers.

With the maximum amount of frozen food (see model plate):
▶ wait about 24 hours.
▶ Appliance with NoFrost: Remove the top drawers and place the food directly on the top shelves.
▶ Appliance without NoFrost: Remove the bottom drawer and place the food directly in the appliance so that it is in contact with the floor or side walls.
▷ SuperFrost switches itself off automatically after about 65 hours. Temperature gradually changes to the previously set temperature.
▶ Put the food in the drawers and close them again.

SwitchingSuperFrost off ahead of schedule

▶ Press the *SuperFrost* symbol on the Home screen. 

▶ Press status button On/Off
▷ Temperature gradually changes to the previously set temperature.

5.4.10 *Bottle timer*

Bottles can be cooled quickly in the freezer compartment with the *BottleTimer*. A message and audible signal prompt you to remove the drinks in time.

WARNING
Bottle and can storage time in freezer compartment too long!
Risk of injury from glass fragments.
▶ *BottleTimer alarm* message: Remove bottles and cans immediately.

Switching on *BottleTimer*.

▶ Press the *BottleTimer* symbol on the Home screen. 

▶ Number of containers in 25 levels from 1 container to 25 containers: Press navigation arrows repeatedly or press and hold.
▶ Set total volume in 13 levels from 0.2 litre to 5 litres: Press navigation arrows repeatedly or press and hold.
▶ Press status button On/Off
▷ *BottleTimer* and *SuperFrost* are on.
▷ Temperature drops gradually.
▷ Cycle time is displayed on the Home screen with the *BottleTimer* symbol.
▷ The *SuperFrost* symbol is displayed on the status screen.

Remove bottles

The *BottleTimer alarm* message appears on the screen at the same time as an audible signal
▶ Removed drinks.
▶ Press *OK*.
▷ *BottleTimer* and *SuperFrost* are off.
▷ Display changes to the Home screen and the audible signal stops.

Switching *BottleTimer* **off ahead of schedule**

▶ Press the *BottleTimer* symbol on the Home screen. 

▶ Press *Stop*.
▷ *BottleTimer* and *SuperFrost* are off.
▷ Display changes to the Home screen and the audible signal stops.

5.4.11 Set screen brightness

The brightness of the status screen and the time it remains lit can be set in *Display settings*.

Screen brightness can be set from the Home screen in the *EnergySaver programme*. The setting is made in system settings in other programmes, (see 5.1.5)

Setting screen brightness in the *EnergySaver programme*:
▶ Press the *Display settings* symbol on the Home screen. 

▶ Setting option, (see 5.1.5)

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 plate separating off the BioFreshPlus zone 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.

▶ 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 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
- the room temperature of the installation location
- the type, temperature and quantity of the food

The temperature can be set from 9 °C to 3 °C.

Recommended temperature setting: 5 °C
▶ Press the Fridge compartment field on the Home screen.
▶ Display other values: Press navigation arrows if required.
▶ Press temperature value.
▷ The appliance is set to the displayed temperature.

5.5.3 Shelves

Moving or removing shelves

The shelves have stops preventing them from being unintentionally pulled out.

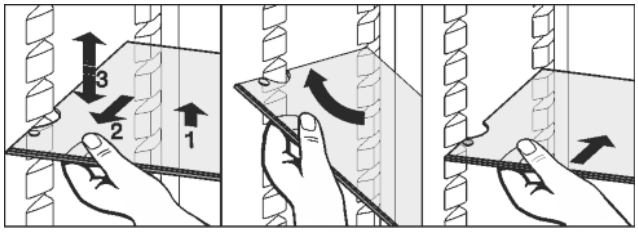


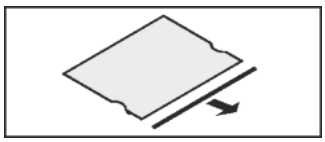
Fig. 49

- ▶ Lift the shelf slightly and pull forward a little.
- ▶ Adjust the height of the shelf. To do so, push the cut-outs along the supports.
- ▶ In order to remove the shelf fully, place it at a slant and pull out towards the front.
- ▶ Re-insert shelves at the required height. The stops must face downwards and lie behind the front shelves.

When storing and removing food on the top shelf, please pay attention to the fold-out interior lighting.

Dismantling shelves

- ▶ The shelves can be dismantled for cleaning.



5.5.4 Using the sectioned shelf

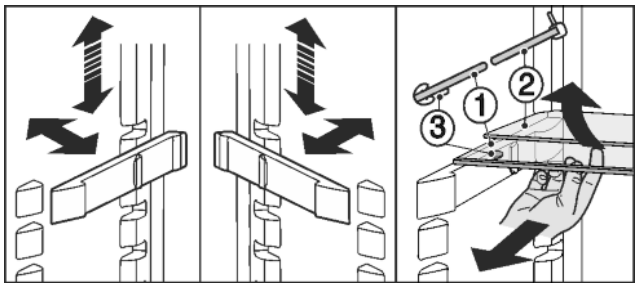


Fig. 50

Adjusting the height:

- ▶ Pull the glass plates out forwards one by one.
- ▶ Remove the support from the catch mechanism and click into place at the required height.

Using both shelves:

- ▶ Lift the top glass plate and pull the bottom glass plate forwards.
- ▷ The glass plate (1) with the pull out stops must be at the front so that the stops (3) point downward.

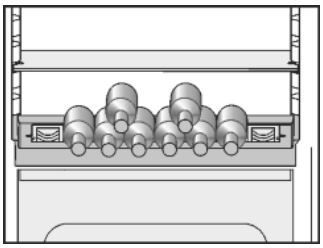
5.5.5 Using adjustable bottle shelf

At the base of the refrigerator compartment, the integrated bottle shelf or alternatively the glass shelf can be used:

- ▶ Using the bottle shelf: to save space, store the glass shelf under the bottle shelf.
- ▶ Place the bottles with the base pointing backwards facing the rear wall.

If the bottles project beyond the bottle shelf:

- ▶ set the lower door rack one position higher.



5.5.6 Door racks

Moving the storage rack

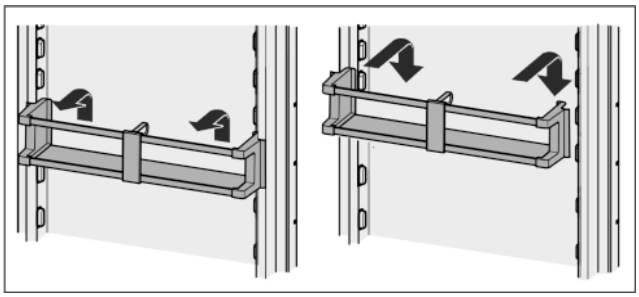
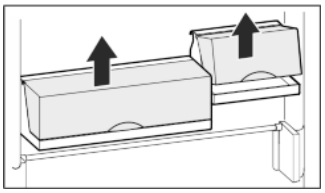


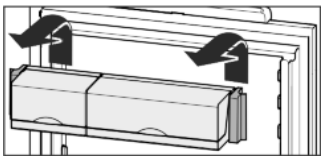
Fig. 51

The boxes can be removed and placed on the table as a single unit.



Either one or both the boxes can be used. If particularly tall bottles are to be stored, hang only a single box above the bottle rack.

- ▶ Re-positioning the boxes: Lift them for removal and reposition them as required.



Note

Food items in the upper door area that are too tall can lead to contact with the interior lighting.

When closing the door, take care to ensure

- ▶ that the lid of the package rack is closed, or
- ▶ that when food is stored on the upper door rack a distance of 30 mm to the appliance ceiling is maintained.

Dismantling door racks

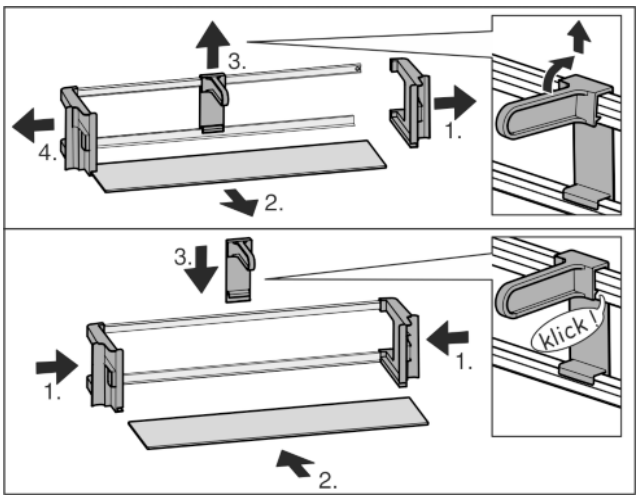


Fig. 52

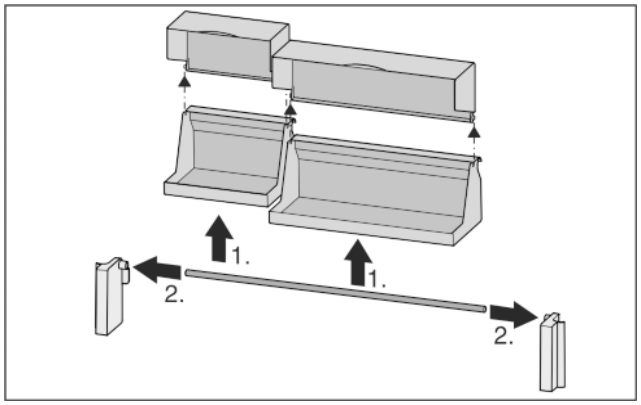
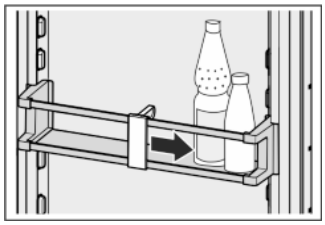


Fig. 53

▶ The door racks can be dismantled for cleaning.

5.5.7 Using the bottle holder

▶ To avoid the bottles tipping over, push the bottle holder along.



5.6 BioFresh compartment

The BioFresh compartment allows some types of fresh food to be stored up to three times longer than in conventional refrigerators, without compromising quality.

The BioFresh section is divided into different zones.

The top BioFresh Plus compartment can go down to -2 °C making it particularly suited to fresh seafood and fish. This can be divided into two zones, so the right and left zones of the compartment can be set at different temperatures. An internal fish & seafood compartment lets you split the temperatures.

The zone below is a normal BioFresh area.

A moisture regulating plate lets you adjust the moisture for the refrigerated food.

Compartments without a moisture regulating plate (DrySafe) are suitable for dry or packaged foodstuffs. Compartments with a moisture regulating plate (HydroSafe) are suitable for unpacked foodstuffs with high moisture content or for dry or packaged foodstuffs, depending on the setting.

The following sections give more details on this.

For food with an indicated best before date, the date specified on the packaging always applies.

If the temperature falls below 0 °C, foodstuffs can freeze.

5.6.1 HydroSafe

The humidity in the compartment depends on the moisture content of the items being stored and the number of times the door is opened. You can set the humidity yourself.

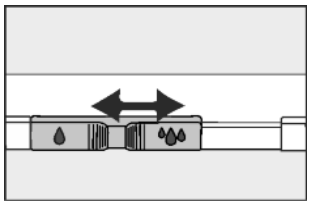
On the humid setting the HydroSafe is suitable for storing loose salad, vegetables and fruit with a high moisture content. When the drawer is very full a very fresh climate is set with a humidity of up to a max. of 90%.

On the dry setting the compartment is suitable for storing dry or packaged food (e.g. dairy products, meat, sausages). Here a relatively dry storage climate is set.

5.6.2 Setting the humidity in the HydroSafe

▶ Low humidity: Move the slide control to the left.

▶ High humidity: Move the slide control to the right.



5.6.3 BioFreshPlus compartment (adjustable)

Depending on the setting, the adjustable BioFresh Plus compartment is ideal for storing fresh seafood, fish at -2 °Cor fruit and vegetables at 0 °C. The settings are as follows: 0 °C I 0 °C, 0 °C I -2 °C, -2 °C I -2 °C.

5.6.4 Storing food

Note

▶ Do not put the following in the BioFresh section: cold-sensitive vegetables including cucumbers, aubergines, tomatoes, courgettes and any cold-sensitive tropical fruits.

▶ To prevent food spoilage due to transfer of germs: Store unwrapped animal and vegetable products separate from one another in the drawers. This also applies to different sorts of meat.
If food has to be stored together due to lack of space:

▶ wrap the food.

5.6.5 Storage times

Guidelines for storage periods at low humidity 0 °C			
Butter	up to	90	days
Hard cheese	up to	110	days
Milk	up to	12	days
Cold meats	up to	9	days
Poultry	up to	6	days
Pork	up to	7	days
Beef	up to	7	days
Game	up to	7	days

Note

▶ Please note that protein-rich food deteriorates faster, i.e. shellfish and crustaceans deteriorate faster than fish, fish faster than meat.

Guidelines for storage periods at high humidity 0 °C			
Vegetables, salads			
Artichokes	up to	14	days
Celery	up to	28	days
Cauliflower	up to	21	days
Broccoli	up to	13	days
Chicory	up to	27	days
Leaf lettuce	up to	19	days
Peas	up to	14	days
Kale	up to	14	days
Carrots	up to	80	days
Garlic	up to	160	days

Guidelines for storage periods at high humidity 0 °C			
Cabbage	up to	55	days
Round lettuce	up to	13	days
Herbs	up to	13	days
Leeks	up to	29	days
Mushrooms	up to	7	days
Radishes	up to	10	days
Sprouts	up to	20	days
Asparagus	up to	18	days
Spinach	up to	13	days
Savoy cabbage	up to	20	days
Fruit			
Apricots	up to	13	days
Apples	up to	80	days
Pears	up to	55	days
Blackberries	up to	3	days
Dates	up to	180	days
Strawberries	up to	7	days
Figs	up to	7	days
Blueberries	up to	9	days
Raspberries	up to	3	days
Red currants	up to	7	days
Cherries, sweet	up to	14	days
Kiwis	up to	80	days
Peaches	up to	13	days
Plums	up to	20	days
Cranberries	up to	60	days
Rhubarb	up to	13	days
Gooseberries	up to	13	days
Grapes	up to	29	days

Additional guidelines for BioFresh Plus storage periods for –2 °C				
Seafood				
Crabs	for -2 °C	up to	4	days
Mussels	for -2 °C	up to	6	days
Sushi	for -2 °C	up to	4	days
Fish	for -2 °C	up to	4	days

5.6.6 Setting the temperature in the BioFresh Plus section.

The temperature depends on the following factors:

- the amount of times the door is opened
- the room temperature of the installation site
- the type, temperature and amount of food

The BioFresh Plus compartment can be split into two sections and the temperature set in the BioFresh Plus field. The settings are as follows: 0 °C I 0 °C, 0 °C I -2 °C, -2 °C I -2 °C. This does not change the BioFresh temperature.

Settings for fish and seafood: -2 °C Select .

Setting as a BioFresh compartment: 0 °C Select .

CAUTION

Sickness!

Poor ventilation spoils food.

▶ Insert the BioFresh Plus drawer at the top. This compartment is labelled "BioFresh Plus Safe".

▶ At temperatures 0 °C I -2 °C Use the Fish & Seafood compartment on the right of the BioFresh Plus drawer.

▶ Press the BioFresh Plus field on the Home screen.

▶ Press temperature value.

▷ The appliance is set to the displayed temperature.

5.6.7 Adjusting the temperature in the BioFresh compartment

Recommended refrigerator setting: 5 °C. The BioFresh temperature is controlled automatically and is between 0 °C and 3 °C.

The temperature can be set slightly colder or slightly warmer. It can be set from level 1 (coldest temperature) to level 9 (warmest temperature). The default setting is level 5. With levels 1 - 4 the temperature may drop below 0 °C so that the food can freeze.

▶ Press menu.

▶ Navigate to *Adjusting BioFresh temperature*: Press navigation arrows if required.

▶ Press *Adjusting BioFresh temperature*:

▶ Set BioFresh temperature in 9 levels from level 1 to 9: Press navigation arrows.

▷ The temperature slowly changes to the new value.

5.6.8 Drawers with cushioners

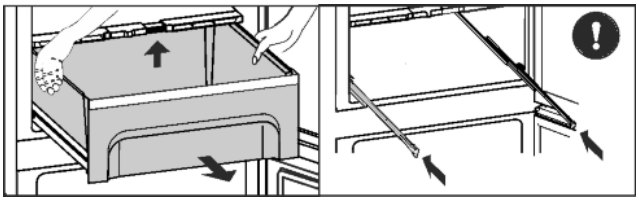


Fig. 54

▶ Pull out the drawer, lift it at the back and draw it forwards for removal.

▶ Push the rails in again!

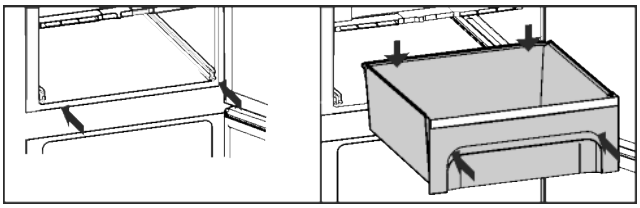


Fig. 55

▶ Push the rails in.

To position the BioFresh Plus compartment above the BioFresh compartment:

▶ Line up the drawer and slide it in until you hear a click at the back.

5.6.9 Humidity control plate

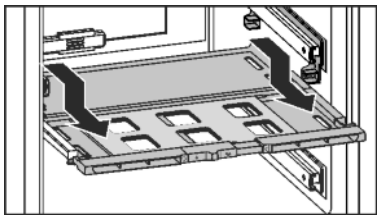


Fig. 56

- ▶ To remove the humidity control plate: Having removed the drawers, carefully draw the plate forwards and lower it for removal.
- ▶ Inserting the humidity control plate: Insert the plate from below into the front and back bracket and push back until it clicks into place.

5.6.10 Using the Fish & Seafood compartment

The Fish & Seafood compartment lets you set different temperatures in the BioFresh Plus compartment. You can store a small amount of fresh food such as fish and seafood separately in the Fish & Seafood compartment at the ideal temperature, such as -2 °C. You can set the rest of the BioFresh Plus compartment to cool at 0 °C or -2 °C.

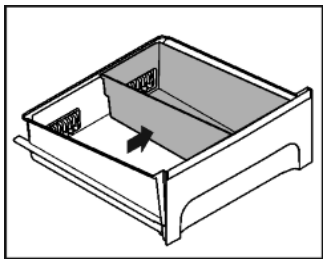


Fig. 57

- ▶ Use the Fish & Seafood compartment on the outer right side of the BioFresh Plus compartment to ensure your food is cooled at the right temperature.

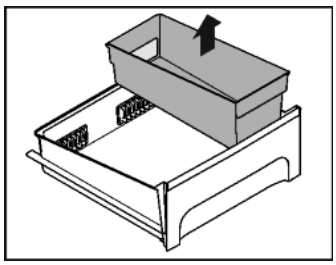


Fig. 58

- ▶ To remove the BioFresh Plus compartment, pull it all the way out and pull the Fish & Seafood compartment straight up and out.

5.7 Freezer compartment

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

5.7.1 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”.

Each drawer can hold a max. of 25 kg of frozen food.

The shelves can each be loaded with 35 kg of frozen food.

A vacuum is generated after the door is closed. After closing the door, wait for about 1 minute and then it opens more easily.

CAUTION

Risk of injury from glass fragments.

Drink bottles and cans may explode if frozen. This applies particularly to carbonated drinks.

- ▶ Only freeze drink bottles and cans when using the *bottle timer* function.

In order that the food is rapidly frozen through to the core, do not exceed the following quantities per pack:

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

- ▶ Pack the food in portions in freezer bags, reusable plastic, metal or aluminium containers.

5.7.2 Storage life

Standard values for the storage life of various types of food in the freezer compartment:	
Ice-cream	2 to 6 months
Sausage, ham	2 to 6 months
Bread, bakery products	2 to 6 months
Game, pork	6 to 10 months
Fatty fish	2 to 6 months
Lean fish	6 to 12 months
Cheese	2 to 6 months
Poultry, beef	6 to 12 months
Vegetables, fruit	6 to 12 months

The values indicated for storage life are standard ones.

5.7.3 Thawing food

- in the refrigerator compartment
- in a 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.

5.7.4 Setting the temperature

The temperature depends on the following factors:

- the amount of times the door is opened
- the room temperature of the installation site
- the type, temperature and amount of food

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

Recommended temperature setting: -18 °C

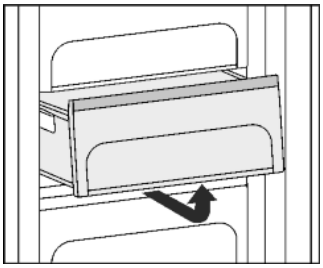
- ▶ Press the Freezer compartment field on the Home screen.
- ▶ Display other values: Press navigation arrows if required.
- ▶ Press temperature value.
- ▷ The appliance is set to the displayed temperature.

5.7.5 Drawers

Note

The energy consumption increases and the cooling performance reduces if the air ventilation is insufficient.

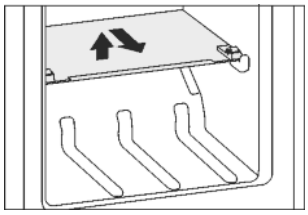
- ▶ Ensure that the air slits of the fan on the rear wall are always kept free!



▶ To store frozen food directly on the shelves: pull the drawer forwards and lift it out.

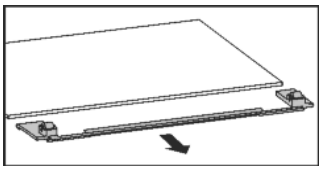
5.7.6 Shelves

Moving shelves



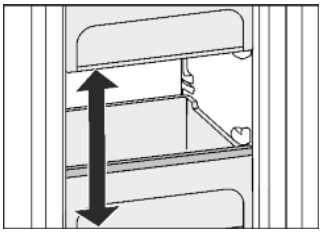
▶ To remove the shelf: lift up at the front and pull out.
▶ To put the shelf back: simply push in as far as it will go.

Removing shelves



▶ The shelves may be removed for cleaning.

5.7.7 VarioSpace



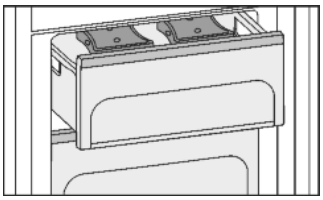
You can remove the shelves and drawers. This leaves more room for larger food items such as poultry, meat, large game and tall baked goods, which can be frozen whole before further preparation.

Each drawer can hold a max. of 25 kg of frozen food.
▶ The shelves can each be loaded with 35 kg of frozen food.

5.7.8 Cold storage accumulators

The cold storage accumulators prevent the temperature from rising too fast in the event of power failure.

Using cold storage accumulators



▶ Place the frozen cold storage accumulators on the frozen food in the upper front area of the freezer compartment.

5.7.9 IceMaker

The IceMaker is located in the top drawer of the freezer on the left-hand side.

Make certain that the following conditions are met:

- The appliance is level.
- The appliance is connected.
- The freezer compartment is switched on.
- The IceMaker is connected to the water supply.

Producing ice cubes

The production capacity depends on the freezer temperature. The lower the temperature, the more ice cubes can be produced in a specific period.

The ice cubes drop from the IceMaker into the drawer. When a certain filling level has been reached, no further ice cubes are produced. The IceMaker does not fill the drawer right up to the brim.

Distribute the ice cubes evenly in the drawer to increase the capacity.

If large quantities of ice cubes are needed, the complete IceMaker drawer can be exchanged for the adjacent drawer. When the drawer is closed, the IceMaker automatically re-commences production.

Once the IceMaker has been switched on for the first time, it may take up to 24 hours until the first ice cubes are produced.

Note
When the appliance is used for the first time and if it has been out of use for a long time, particles may collect in the IceMaker and/or water conduit.
▶ Do not use or consume ice cubes that have been made 24 hours after the first ice cubes are made.

Switch the IceMaker on.

▶ Press the *IceMaker* symbol on the Home screen.

-or-
▶ Press Menu.

▶ Navigate to the *IceMaker*: Press the navigation arrows.
▶ Press *IceMaker*.
▶ Press *IceMaker*.
▶ Press status button On/Off
▷ The IceMaker is switched on.

Note
▶ The IceMaker only makes ice cubes when the drawer is completely closed.

FlushClean:

Flushing function to rinse out the water pipe when used for the first time.

Note
The water pipe can only be rinsed out if the temperature is more than 0 °C.
▶ Only use the *FlushClean* option if the temperatures in the appliance are higher than 0 °C.

NOTICE
Blocked IceMaker and water outlet.
Risk of damage to the IceMaker and the drawer outlet.
▶ Put containers with a maximum height of 12 cm in the drawer under the IceMaker.

Ensure that the IceMaker drawer is empty.
▶ Place max. 12 cm high containers in the drawer under the IceMaker.
▶ Press the *IceMaker* symbol on the Home screen.

-or-
▶ Press Menu.

▶ Navigate to the *IceMaker*: Press the navigation arrows.
▶ Press *IceMaker*.
▶ Navigate to *FlushClean*: Press the navigation arrows.
▶ Press *FlushClean*.

▶ Press *Activate*.

▶ Do not operate the screen.
▷ Water pipes are rinsed and at the same time the ice cube tray ice cube tray is turned back to the cleaning position.
Flushing function terminated: The symbol appears.

▶ Remove the drawer and the container.
▶ Clean the drawer and, if necessary, remove excess water from the drawer.

IceMaker holiday function

The IceMaker holiday function is suitable for short phases when no ice cubes are to be made, for example, when you are on holiday.

Switching the IceMaker holiday function on.

The IceMaker drawer must be emptied and pushed in.
▶ Press the *IceMaker* symbol on the Home screen.

-or-
▶ Press Menu.

▶ Navigate to the *IceMaker*. Press the navigation arrows.
▶ Press *IceMaker*.
▶ Press *IceMaker-HolidayMode*.
▶ Press *Activate*.
▷ The ice cube tray moves to the cleaning position. The IceMaker switches to holiday function.
▷ The *IceMaker-HolidayMode* symbol is displayed on the Home screen

▶ Remove the drawer.
▶ Clean the ice cube tray and drawer with a soft cleaning cloth and warm water. If necessary use a mild detergent. Then rinse out.
▶ Push the drawer in.

Switching the IceMaker holiday function off

NOTICE
Sickness caused by dirty ice compartment.
▶ After the IceMaker has been switched off for a long time, clean the ice cube tray.

NOTICE
Rinse agent residue in the ice compartment and drawer.
Nausea or irritation of the mucous membrane.
▶ Remove rinse agent residue: Discard the first three batches of ice cubes.

▶ Remove the drawer.
▶ Clean the ice cube tray and drawer with a soft cleaning cloth and warm water. If necessary use a mild detergent. Then rinse out.
▶ Push the drawer in.
▶ Press the *IceMaker-HolidayMode* symbol on the Home screen.

-or-
▶ Press Menu.

▶ Navigate to the *IceMaker*. Press the navigation arrows.
▶ Press *IceMaker*.
▶ Press *IceMaker-HolidayMode*.
▶ Press *Stop*.
▷ The ice cube tray moves to the operating position. The IceMaker switches on.

Switching off the IceMaker

If no ice cubes are required, the IceMaker can be switched off independently of the freezer compartment.

When the IceMaker is switched off, the drawer of the IceMaker can also be used for freezing and storing food.
▶ Cleaning the IceMaker (see 6.5) .

▶ Press the *IceMaker* symbol on the Home screen.

-or-
▶ Press Menu.

▶ Navigate to the *IceMaker*. Press the navigation arrows.
▶ Press *IceMaker*.
▶ Press *IceMaker*.
▶ Press status button On/Off
▷ The IceMaker is switched off.
▶ If necessary, food can now be frozen in the drawer up to a maximum height of 7 cm.

6 Maintenance

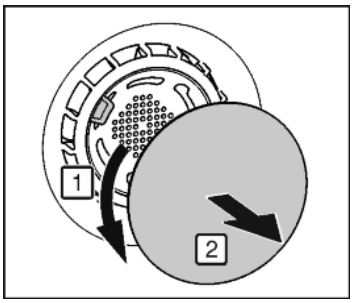
6.1 Change the FreshAir filter.

The FreshAir filter guarantees optimum air quality. It should be changed every 12 months. When the reminder function is set, a message on the display prompts you to change it. The FreshAir filter can be ordered from the specialist dealer.

Changing the filter

Replace the FreshAir filter! message is displayed.

▶ Remove the fan cover.



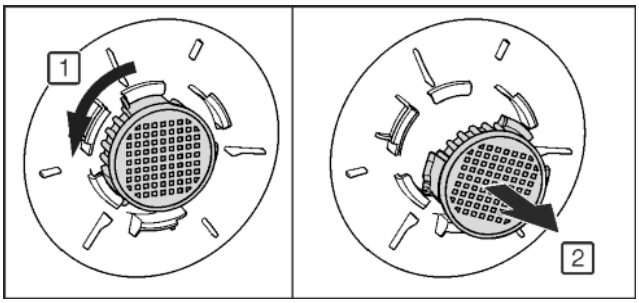


Fig. 59

▶ Remove the FreshAir filter.
▶ Insert the new filter in the reverse order.
▶ Ensure that the filter clicks into place.
▶ Replace the fan cover again.
▶ Press *OK*.
▷ *FreshAir filter replaced* message is displayed.
▶ Press *OK*.
▷ The display switches to the home screen.

Changing the filter later

If a reminder is needed to change the filter at a later date, the filter change can be put back 30 days.
Replace the FreshAir filter! message is displayed.

▶ Press *Remind me later*.
▷ The message will be displayed again in 30 days.
▶ Display message again if required: Press the ⚠ symbol on the Home screen.
▶ Navigate to the message if required: Press *OK*.

Switching off the reminder function

If a new FreshAir filter is not inserted, the reminder function can be turned off
▶ Press menu.
▶ Navigate to *System settings*: Press navigation arrows.
▶ Press *System Settings*.
▶ Navigate to *Appliance filter*: Press navigation arrows.
▶ Press *Appliance filter*.
▶ Press *FreshAir filter*.
▶ Press status button On/Off

6.2 Defrosting with NoFrost

The NoFrost system automatically defrosts the appliance.

Refrigerator compartment:

The defrost water evaporates due to the compressor heat.
▶ Regularly clean the drain opening to allow the water to flow away (see 6.4) .*

Freezer compartment:

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

6.3 Cleaning the ventilation grid

The ventilation grid ensures that the appliance works properly due to optimum aeration and ventilation.
▶ Clean the ventilation grid regularly with a vacuum cleaner.
▶ Remove stubborn stains with a soft cloth.

When the reminder function is set, an annual message on the display prompts you to clean it.

Cleaning the ventilation grid

The *Clean the ventilation grill!* message is displayed.



▶ Clean ventilation grid.
▶ Press *OK*.
▷ The *Ventilation grill cleaned* message is displayed.
▶ Press *OK*.
▷ The display switches to the home screen.

Clean the ventilation grid later

If a reminder is needed to change the ventilation grill at a later date, the filter change can be put back 30 days.
The *Clean the ventilation grill!* message is displayed.



▶ Press *Remind me later*.
▷ The message will be displayed again in 30 days.
▶ Display message again if required: Press the ⚠ symbol on the Home screen.
▶ Navigate to the message if required: Press *OK*.

Switching off the reminder function

If a reminder to clean the ventilation grill at a later date is no longer needed, the reminder function can be cancelled.
▶ Press menu.
▶ Navigate to *System settings*: Press navigation arrows.
▶ Press *System Settings*.
▶ Navigate to *Appliance filter*: Press navigation arrows.
▶ Press *Appliance filter*.
▶ Press *ventilation grill*.
▶ Press status button On/Off

6.4 Cleaning the appliance

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 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 parts.
▶ Please use soft cleaning cloths and a universal pH-neutral cleaning agent.
▶ Please use cleaning and care products suitable for contact with foodstuffs in the appliance interior.

▶ **Empty appliance.**
▶ **Pull out the power plug.**



▶ Clean **plastic outer and inner surfaces** with lukewarm water and a little washing-up liquid.

NOTICE
Risk of damage from stainless steel care products!
The **stainless steel doors** and **stainless steel side panels** are treated with a premium surface finish.



Stainless steel care products attack these surfaces.
▶ Only use a soft, clean cloth to wipe down **finished door and side panel surfaces** and **painted door and side panel surfaces**. To remove heavy dirt, use a little water or neutral detergent. Alternatively, you can use a micro-fibre cloth.

▶ Most of the **parts** can be dismantled for cleaning: see the relevant chapter.
▶ **Clean drawers** by hand with lukewarm water and a little washing up liquid.
▶ All the **other fittings** can be put in the dishwasher.
▶ Only use a damp cloth to clean the **telescopic rails**. The grease in the runners is for lubrication purposes and must not be removed.

After cleaning:
▶ Wipe dry the appliance and items of equipment.
▶ Connect the appliance and switch it on again.
▶ Switch on SuperFrost (see 5.4.9) .
When the temperature is sufficiently cold:
▶ Put the food back inside.

6.5 Cleaning the IceMaker

The IceMaker drawer must be emptied and pushed in. The IceMaker must be switched on.
▶ Press the *IceMaker* symbol on the Home screen.



-or-
▶ Press Menu.
▶ Navigate to the *IceMaker*: Press the navigation arrows.
▶ Press *IceMaker*.
▶ Press *TwistClean*.



▶ Press *Activate*.
▷ The ice cube tray moves to the cleaning position. The screen cannot be used during this process.



The rotary movement stops and the IceMaker switches off for cleaning.



▶ Remove the drawer.

▶ Clean the ice cube tray and drawer with a soft cleaning cloth and warm water. If necessary use a mild detergent. Then rinse out.
▶ Push the drawer in.
▶ Press *Stop*.
▷ The ice cube tray moves to the operating position.

NOTICE
Rinse agent residue in the ice compartment and drawer.
Nausea or irritation of the mucous membrane.
▶ Remove rinse agent residue: Discard the first three batches of ice cubes.

▶ Leave the IceMaker switched on.
-or-
▶ Switch the IceMaker off. (see 5.7.9.4)

6.6 Customer service

First of all check whether you can eliminate the fault yourself (see Malfunction). If you can't, 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)

Displaying the appliance description (model and index), service no. (service) and serial no. (S. no.) on the screen:
▶ Press menu.
▶ Navigate to *System settings*: Press navigation arrows.
▶ Press *System Settings*.
▶ Navigate to *appliance information*: Press navigation arrows.
▶ Press *Appliance information*.
▷ The appliance information is displayed.
▶ Note down the appliance information.
▶ Contact customer service and give them the required appliance information.
▶ Follow any further instructions given by Customer Services.

Alternatively you can read off the appliance information from the model plate:
▶ Read off the appliance name *Fig. 60 (1)*, service no. *Fig. 60 (2)* and serial no. *Fig. 60 (3)* from the model plate. The model plate can be found on the inside of the appliance on the left.

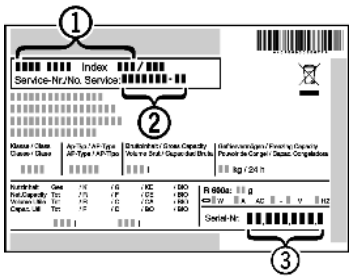


Fig. 60

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:

Appliance does not work.
→ The appliance is not switched on.
▶ Switch on the appliance.
→ The power plug is not properly inserted in the wall socket.
▶ Check power plug.
→ The fuse of the wall socket is not in order.
▶ Check fuse.
→ The appliance plug does not fit the appliance properly.
▶ Check the appliance plug.
→ The appliance has not been used for longer than 24 hours. The screen has switched off.
▶ Open the door.

The compressor runs for a long time.
→ The compressor switches to a low speed when little cold is needed. Although the running time is increased as a result, energy is saved.
▶ This is normal in energy-saving models.
→ SuperFrost is activated.
▶ The compressor runs for longer in order to rapidly cool the food. This is normal.
→ SuperCool is activated.
▶ The compressor runs for longer in order to rapidly cool the food. This is normal.

Excessive noise.
→ Due to the various speed steps, speed-regulated* compressors can generate different running noises.
▶ The sound is normal.

A bubbling and gurgling noise.
→ This noise comes from the refrigerant flowing in the refrigeration circuit.
▶ The sound is normal.

A quiet clicking noise.
→ The noise is produced whenever the refrigeration unit (motor) automatically switches on or off.
▶ The sound is normal.

A hum. It is briefly a little louder when the refrigeration unit (the motor) switches on.
→ The refrigeration increases automatically when the SuperFrost, function is activated, fresh food has just been placed in the appliance or the door has been left open for a while.
▶ The sound is normal.
→ The refrigeration increases automatically when the SuperCool function is activated, fresh food has just been placed in the appliance or the door has been left open for a while.
▶ The sound is normal.
→ The ambient temperature is too high.
▶ Solution: (see 1.2)

A low hum.
→ The sound is produced by air flow noise of the fan.
▶ The sound is normal.

Vibratory noise.
→ The appliance is not fixed to the ground. The running of the cooling unit therefore makes objects and adjacent furniture vibrate.
▶ Adjust appliance via the height-adjustable feet.
▶ Move bottles and containers apart.

Flow sound at the soft stop mechanism.
→ The noise is produced when the door is opened and closed.
▶ The sound is normal.

The *Demo mode active!* message appears on the screen with the time elapsing.
→ Demo mode is enabled.
▶ Press *Stop*.

DEMO appears in the bottom right corner of the screen.
→ Demo mode is enabled.
▶ Unplug the appliance.
▶ Plug the appliance in again.

The outer surfaces of the appliance are warm*.
→ The heat of the refrigeration circuit is used to prevent condensate from forming.
▶ This is normal.

The IceMaker cannot be switched on.
→ The appliance and therefore the IceMaker are not connected.
▶ Connect the appliance to the mains (see Putting into operation).

The IceMaker does not make any ice cubes.
→ The IceMaker is not switched on.
▶ Switch on the IceMaker.
→ The drawer of the IceMaker is not properly closed.
▶ Close the drawer properly.
→ The water connection is not open.
▶ Open the water connection.

Functions in the IceMaker submenu do not start.
→ Ice cube tray rotates.
▶ Try again after 1 minute.

The temperature is not cold enough.
→ The door of the appliance is not properly closed.
▶ Close the door of the appliance.
→ Insufficient ventilation.
▶ Keep ventilation grille clear, and clean it.
→ The ambient temperature is too high.
▶ Solution: (see 1.2) .
→ The appliance was opened too frequently or for too long.
▶ Wait to see whether the appliance reaches the required temperature by itself. If not, please contact the after sales service (see Maintenance).
→ Too much fresh food was placed inside without SuperFrost.
▶ Solution: (see 5.4.9)
→ The temperature is incorrectly set.
▶ Set the temperature to a colder setting and check after 24 hours.
→ The appliance is too close to a source of heat (stove, heater etc).
▶ Change the position of the appliance or the source of heat.

The internal light does not come on.
→ The appliance is not switched on.
▶ Switch on the appliance.
→ The door was open longer than 15 min.
▶ The interior light automatically switches off if the door has been open for about 15 min.
→ The appliance has not been used for longer than 24 hours. The screen and LEDs have switched off.
▶ Open the door and wait a moment.
→ The LED illumination is defective or the cover is damaged:

WARNING
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.

WARNING
Danger of injury by LED lamp!
The light intensity of the LED illumination corresponds to laser class 1/1M.
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.

The door seal is defective or needs to be replaced for another reason.
→ The door seal can be replaced. It can be replaced without the need for special tools.
▶ Contact Customer Service (see Maintenance):

The unit has iced up or condensation has formed.
→ The door seal may have also slipped out of its groove.
▶ Check to ensure that the door seal is seated properly in the groove.

8 Messages

Error messages and reminders are displayed by an audible signal and a message on the screen. The audible signal gets louder and louder when error messages appear. It only stops when the message is confirmed. Highest priority messages are displayed first if several occur at the same time. Each message must be cleared separately.

The message stays on the Home screen as long as it is active or the fault is not eliminated.

Note
Details on the message can be displayed again on the Home screen.
▶ Press messages symbol ⚠.

For several active messages, the navigation bar states the number and the current position in the messages.

To display the next message, press *OK*.

After the last active message the display switches to the home screen.

Door alarm
An audible warning sounds if the door is open for longer than 60 seconds. The *Door alarm* appears on the display. The audible warning stops automatically when the door is closed.

The audible warning can be switched off when the door is open. The audible alarm is switched off while the door is open.
▶ Press *OK*.
▷ The audible signal stops.
▷ The display switches to the home screen.

Temperature alarm
An audible signal sounds if the temperature in the freezer compartment is not cold enough. The *Temperature alarm* message appears on the display.

The temperature had risen too high during the last few hours or days. When the fault is eliminated the appliance continues to work at the last temperature setting.

The reason for too high a temperature may be:
- hot, fresh food was inserted
- too much warm room air flowed in when rearranging and removing food
- the power was cut off for a while
- the appliance is faulty

▶ Press *OK*.
▷ The audible signal stops.
▷ The display switches to the home screen.
▷ The temperature alarm symbol is displayed in the relevant temperature field.
▶ Check the food for quality. Do not consume spoiled food. Do not re-freeze defrosted food,
▷ The symbol is greyed out when the target temperature is reached.

If the alarm status persists or the temperature cannot be reset independently: (see Malfunction).

Power cut



An audible warning sounds. The *Power failure alarm* message appears on the display. The warmest temperature reached in the freezer compartment during the power cut is displayed on the screen.

The temperature had risen too high over the last few hours or days due to a power cut or power interruption.

When the power has been restored, the appliance continues to work in the last temperature setting in the *Day-to-Day programme*. Activated reminders for changing the FreshAir filter and cleaning the ventilation grid are retained. If the *Holiday programme* was active before the power failure, the appliance continues in the *Holiday programme*.

▶ Press *OK*.
▷ The audible signal stops.
▷ The display switches to the home screen.
▷ The temperature alarm symbol is displayed in the relevant temperature field.
▶ Check the food for quality. Do not consume spoiled food. Do not re-freeze defrosted food,
▷ The symbol is greyed out when the target temperature is reached.

Appliance faults



An audible warning sounds. The *Fault* message appears on the display with the relevant error code.

An appliance component indicates a fault.

▶ Note down the fault code.
▶ Press *OK*.
▷ The audible signal stops.
▷ The display switches to the home screen.
▶ Contact Customer Services (see Maintenance).

If the fault related to a specific temperature zone, the appliance fault symbol is displayed instead of the temperature in the zone's temperature field.

Water inlet fault



An audible warning sounds. The *Fault* message appears in the display with the WATER error code.

The water connection to the IceMaker is not open, the water feed is interrupted or the filter in the water inlet hose connection is blocked.

▶ Press *OK*.
▷ The audible signal stops.
▷ The display switches to the home screen.
▶ Open the water connection.

-or-

▶ Check the water connection and the hoses (see Putting into operation).

-or-

▶ Clean the filter.

▶ Switch the IceMaker on (see 5.7.9.2) .
▶ Contact Customer Service if the message persists (see Maintenance).

Other messages



Replace FreshAir filter. (see Maintenance)



Clean the ventilation grill. (see Maintenance)



BottleTimer alarm (see Control)



Timer alarm (see Control)



Open, close IceMaker drawer

EN

9 Decommissioning

9.1 Switching the appliance off

Note

If the appliance or the freezer or fridge compartment cannot be switched off the child safety device has been switched on.

▶ Switch the child safety device off (see 5.4.2) .

9.1.1 Switching the whole appliance off via the menu

The whole appliance is switched off. The screen goes black.

▶ Press menu.
▶ Navigate to *Switching off the appliance*: Press navigation arrows.
▶ Press *Switch off the appliance*.
▶ Press *Switch off*.
▶ Press *Switch off*.
▷ The standby symbol flashes on the whole screen.
▷ After 1 minute the standby symbol goes out.

9.1.2 Switching the whole appliance off via the freezer compartment

When the freezer compartment is switched off the refrigerator and BioFresh Plus compartment is also turned off automatically. The screen remains on, so the time can still be used, for example.

▶ Press freezer compartment field.
▶ Press standby symbol.
▷ *Switch off zone?* is displayed.
▶ Press *OK*.

9.1.3 Switching off the fridge and BioFresh Plus compartments

If necessary, the fridge and BioFresh Plus compartments can be switched off separately.

▶ Press the refrigerator compartment of BioFresh plus field.
▶ Press standby symbol.
▷ *Switch off zone?* is displayed.
▶ Press *OK*.

9.2 Taking the appliance out of service

▶ Empty the appliance.
▶ Put the IceMaker in the cleaning position (see Maintenance).
▶ Switch off the appliance (see Decommissioning).
▶ Remove mains connector.
▶ Remove appliance connector if required: Remove and move from left to right at the same time.



▶ Clean the appliance (see 6.4) .
▶ Leave the door open to prevent odour.

10 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.

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