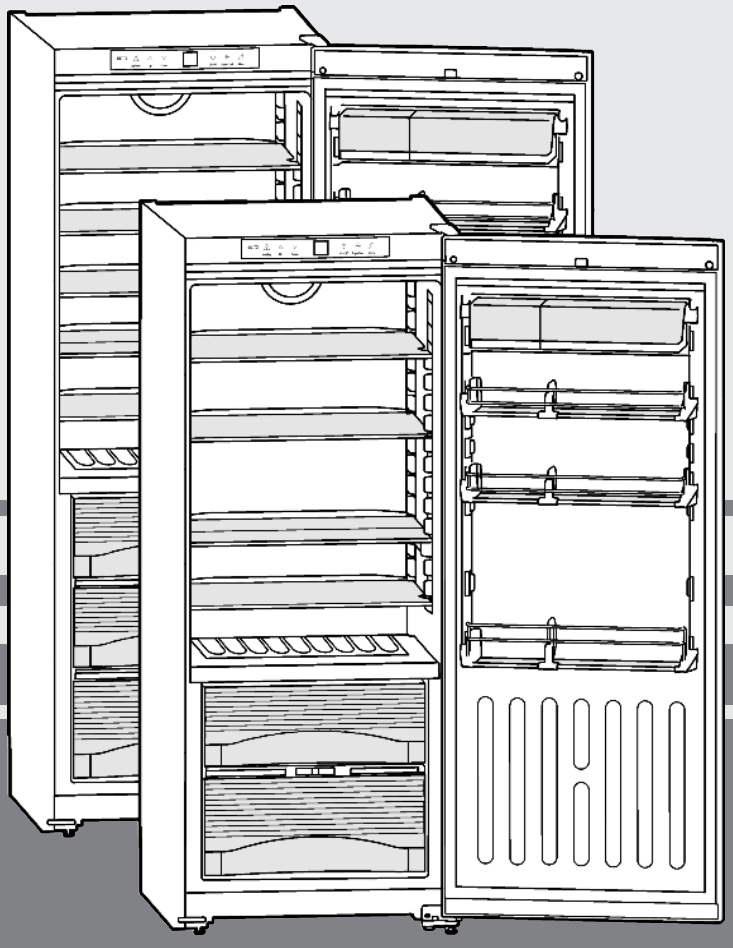
Operating and installation instructions

Upright refrigerator with BioFresh compartment

GB



30/08 **7082648 - 01**

SKBes/SKB/KB/KBes 31/36/42 ... 6

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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 Range of appliance use

The appliance is suited only for cooling food. In the case of commercial food cooling, the pertinent statutory regulations have to be observed. The appliance is not suited for storing and cooling pharmaceuticals, blood plasma, laboratory preparations or similar substances and products subject to the Medical Devices Directive 2007/47/EC. Any misuse of the appliance may result in damage to or spoilage of the stored goods. Furthermore, the appliance is unsuited for use in areas exposed to an explosion hazard.

The appliance is set to operate within specific ambient temperature limits according to its climate rating. The correct climate rating for your appliance is indicated on the type plate.

Note

▶ Compliance with the ambient temperatures indicated is required, otherwise the cooling performance is reduced.

Climate rating	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

1.2 Conformity

The refrigerant circuit has been tested for leaks. The appliance complies with current safety regulations and EC directives 2006/95/EC and 2004/108/EC.

1.3 Description of appliance and equipment

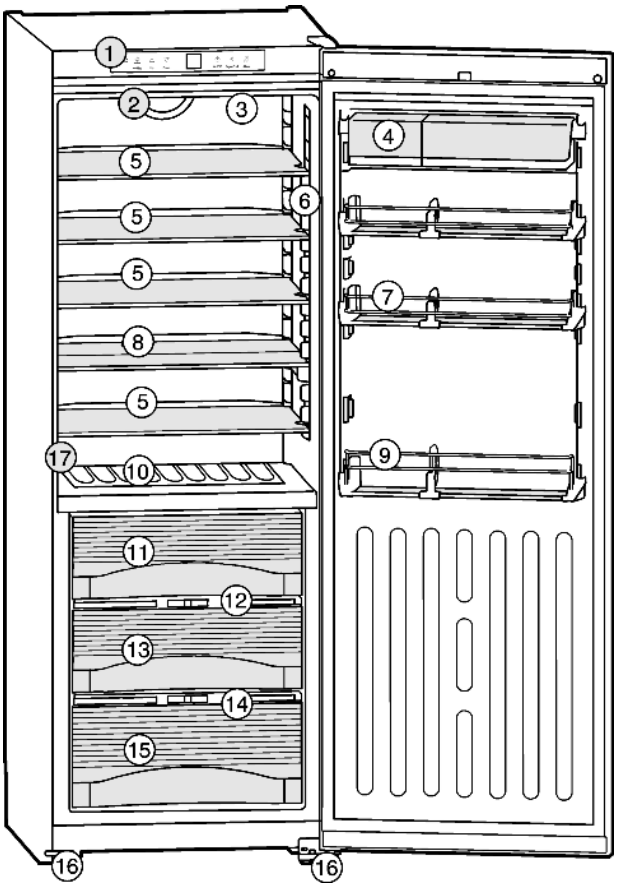


Fig. 1

(1) Operating panel
(2) Fan
(3) Interior light, bulb*
(4) Box shelves, removable
(5) Glass shelves, relocatable
(6) Interior light, LED*
(7) Rack for tinned food, relocatable
(8) Glass shelf, sectioned, relocatable
(9) Bottle rack
(10) Bottle shelf
(11) BioFresh compartment, Drysafe
(12) HydroSafe control
(13) BioFresh compartment, Hydrosafe
(14) HydroSafe control
(15) BioFresh compartment, Hydrosafe
(16) Height-adjustable foot
(17) Type plate

1.4 External dimensions of the appliance

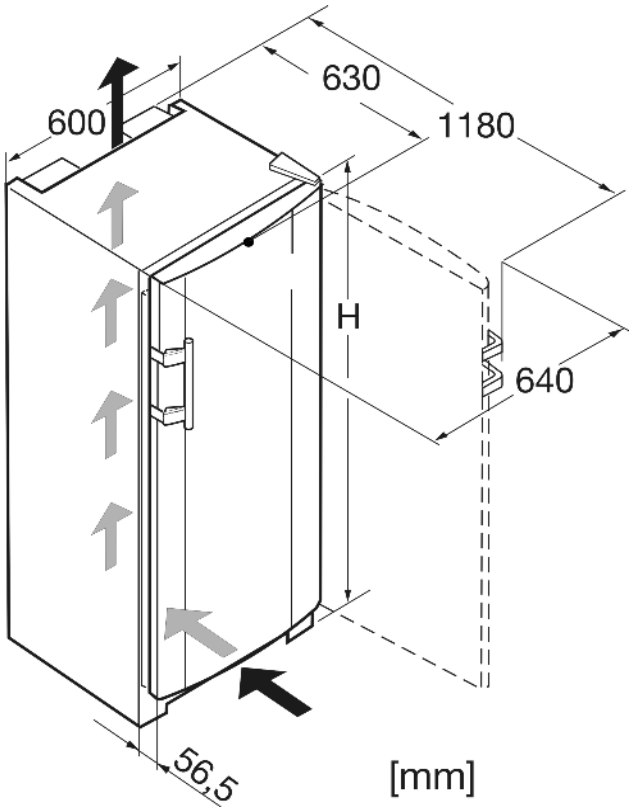


Fig. 2

Designation	H (mm)
KB 31	1458
KB 36	1655
KB 42	1852

1.5 Net@Home

The appliance can be provided with the retrofit modules for the HomeDialog system or the serial interface (RS 232), depending on model and equipment. The modules are available from your specialist dealer.

You will find more information on the internet at www.liebherr.com.



2 General safety information

Danger for the user:

- This appliance is not designed for persons (including children) with physical, sensory or mental impairment or persons not having sufficient experience and knowledge, unless they are instructed in the use of the appliance and are initially supervised by a person responsible for their safety. Keep children under supervision to ensure they do not play with the appliance.
- In case of a fault, pull out the mains plug (not by pulling the connecting cable) or switch off the fuse.
- Have any repairs to or intervention in the appliance, and any change of the mains power cable, carried out by the customer service only or by other specialised personnel trained for the purpose.
- When disconnecting the appliance from the supply, always take hold of the plug. Do not pull the cable.
- Install and connect the appliance only as instructed.
- Please keep these instructions in a safe place and pass them on to any subsequent owners.

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: eliminate naked flames or sources of ignition from the vicinity. Pull out the power plug. Ventilate the area well. Notify customer service.
- Do not store explosives or sprays using combustible propellants such as butane, propane, pentane, etc. in the appliance. Respective spray cans can be identified by reference to the contents printed on the can or by a flame symbol. Gases possibly escaping may ignite due to electrical components.
- Do not place any burning candles, lamps or other items with naked flames on or in the appliance.
- Only store high-percentage alcohol in tightly sealed, upright containers. Alcohol possibly escaping may ignite due to 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.

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 Operating and control elements

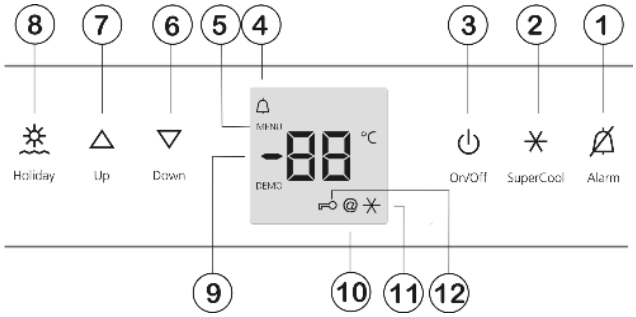


Fig. 3

(1) Alarm button
(2) SuperCool button
(3) On/Off button
(4) Alarm symbol
(5) Menu symbol
(6) Down setting button
(7) Up setting button
(8) Holiday button
(9) Temperature display
(10) Net@Home symbol
(11) SuperCool symbol
(12) Child-proofing symbol

3.2 Temperature display

The following are displayed in normal operation:

- the average cooling temperature

The following displays indicate malfunction. You will find possible causes and corrective action in the section on troubleshooting.

- F0 to F9

4 Putting into operation

4.1 Changing over the door hinges

You can change over the door hinges if necessary.

NOTICE*
Risk of damage to side-by-side appliances due to condensation!
When a Side-by-Side appliance (S…) is fitted together with a second appliance (as a SBS combination), the door hinges must remain as delivered.
▶ Do not change over the door hinges.

Ensure that the following tools are to hand:

❑ Torx 25
❑ Torx 15
❑ Screwdriver
❑ Cordless screwdriver, if necessary
❑ Second person for fitting work, if needed

4.1.1 Detaching the soft stop unit. *

For appliances **with soft stop mechanism** start with this point.

For appliances **without soft stop mechanism** start with the point '**Detaching the door**'.

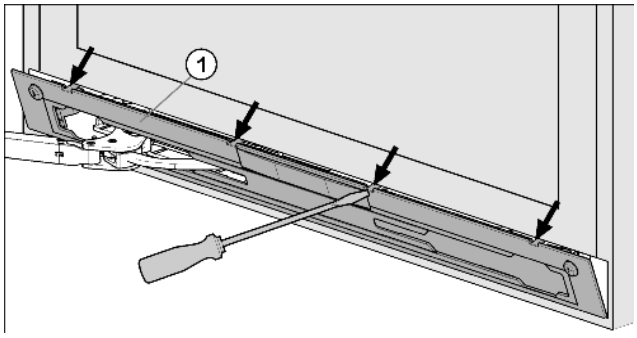


Fig. 4

▶ Open the 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!

▶ Disengage and remove the faceplate *Fig. 4 (1)* using a flat-blade screwdriver.
▷ The faceplate is attached over the soft stop bracket.

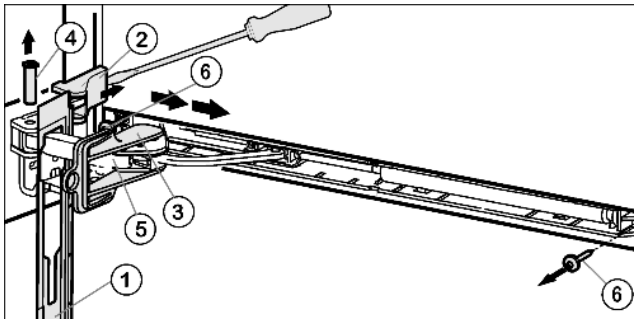


Fig. 5

▶ Slide the faceplate forwards over the soft stop bracket *Fig. 5 (5)* in the direction of the appliance.
▶ Snap the safety lock *Fig. 5 (3)* into the oblong hole.
▷ The safety lock prevents the hinge from snap-closing.
▶ Using a screwdriver, lift off the cover *Fig. 5 (2)* from the outside and remove it in an outward direction.
▶ If necessary, tip the appliance backwards with the assistance of a second person.
▶ Press the pin *Fig. 5 (4)* out from underneath.
▶ Press the soft stop bracket *Fig. 5 (5)* towards the door.
▶ Remove the faceplate *Fig. 5 (1)*.
▶ Unscrew the entire soft stop unit (2 Torx 15) *Fig. 5 (6)*.
▶ Pull the soft stop unit out a little, push it in the direction of the handle side and swing it out.
▶ Set the soft stop unit aside.

4.1.2 Detaching the door

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

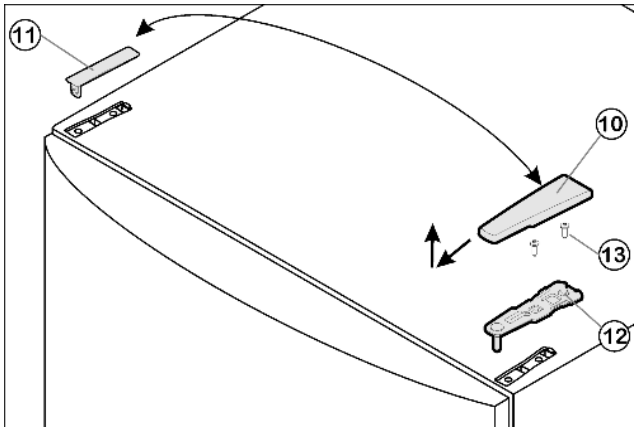


Fig. 6

- Close the door.
- Pull off the cover *Fig. 6 (10)* forwards and upwards.
- Lift off the cover *Fig. 6 (11)*.

CAUTION

Risk of injury if the door tips!

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

- Unscrew the upper turn hinge *Fig. 6 (12)*(2 Torx 25) *Fig. 6 (13)* and raise it for removal.
- Lift up the door and set it aside.

4.1.3 Changing bearing parts*

For appliances with soft stop mechanism.*

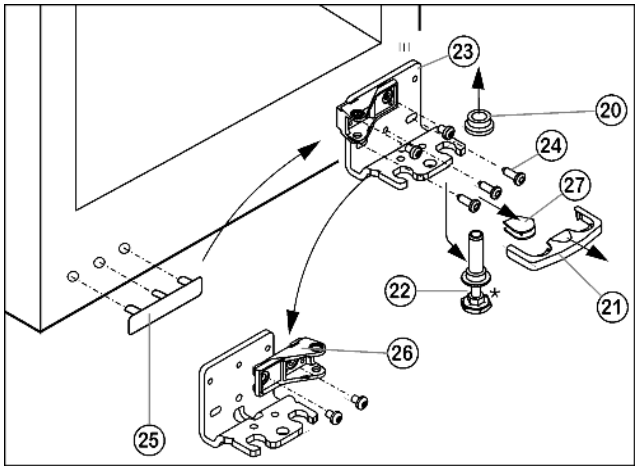


Fig. 7

- Draw the safety lock *Fig. 7 (21)* forwards for removal.
- Remove the cover *Fig. 7 (27)*.*
- Turn the adjustable-height foot *Fig. 7 (22)* all the way in.
- If necessary, tip the appliance back a little with the assistance of a second person for removal of the bearing pin.
- Pull out the bearing pin *Fig. 7 (22)* downwards and forwards. In so doing, pay attention to the hinge bush *Fig. 7 (20)*.
- Unscrew the turn hinge *Fig. 7 (23)* (3 Torx 25) *Fig. 7 (24)*.
- Carefully lift off and transfer the cover on the handle side *Fig. 7 (25)*.
- Screw the turn hinge *Fig. 7 (23)* firmly into place on the new hinge side using a cordless screwdriver.
- Unscrew the bearing part *Fig. 7 (26)*, turn it 180° and screw it down again.
- Tip the appliance back a little again and re-insert the bearing pin *Fig. 8 (22)*. The notch has to point forwards.
- Place the cover *Fig. 7 (27)* on the opposite side.*

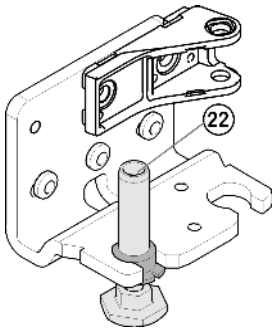
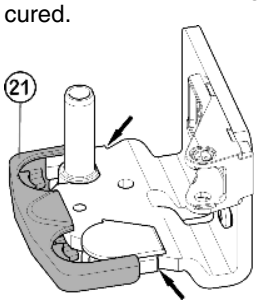


Fig. 8

CAUTION

Risk of injury if the door tips!

- The safety lock *(21)* has to engage with the turn hinge at the side so that the bearing pin and therefore the door are secured.
-



- Snap the safety lock *(21)* onto the turn hinge again.
- Put on the hinge bush *Fig. 7 (20)*.

4.1.4 Changing bearing parts*

For appliances without soft stop mechanism.*

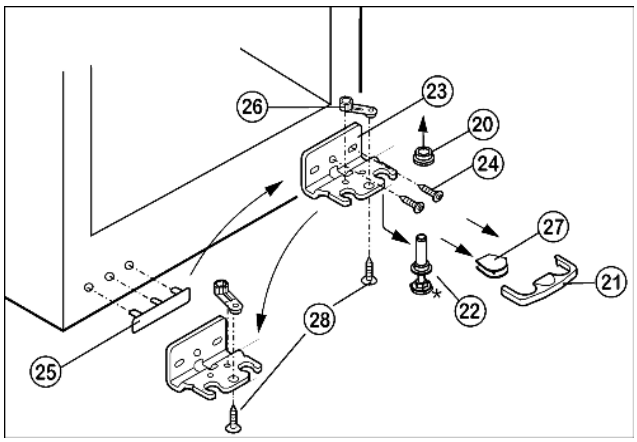


Fig. 9

- Draw the safety lock *Fig. 9 (21)* forwards for removal.
- Remove the cover *Fig. 9 (27)*.*
- Fully retract the adjustable-height foot *Fig. 9 (22)*.
- If necessary, tip the appliance back a little with the assistance of a second person for removal of the bearing pin.
- Pull out the bearing pin *Fig. 9 (22)* downwards and forwards. In so doing, pay attention to the hinge bush *Fig. 9 (20)*.
- Unscrew the turn hinge *Fig. 9 (23)*(2 Torx 25) *Fig. 9 (24)*.
- Unscrew the bearing part *Fig. 9 (26)*(1 Torx 25), *Fig. 9 (28)* transfer it to the opposite hole in the turn hinge and screw it down again.
- Carefully lift off and transfer the cover *Fig. 9 (25)* on the handle side.
- Screw down the turn hinge *Fig. 9 (23)* on the new hinge side, possibly with the aid of a cordless screwdriver, through the outer oblong hole and round hole.

Note

▶ If necessary, e.g. to make up for any unevenness in the floor, the second oblong hole can be used instead of the round hole for the screw fitting.

▶ Tip the appliance back a little again and re-insert the bearing pin *Fig. 10 (22)*. The notch has to point forwards.
▶ Place the cover *Fig. 9 (27)* on the opposite side.*

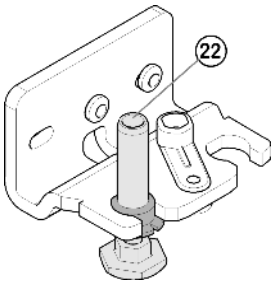
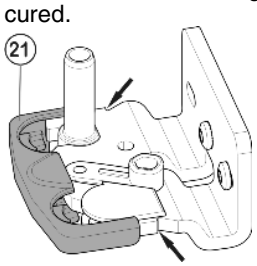


Fig. 10

CAUTION

Risk of injury if the door tips!

▶ The safety lock *(21)* has to engage with the turn hinge at the side so that the bearing pin and therefore the door are secured.
▶



▶ Snap the safety lock *(21)* onto the turn hinge again.
▶ Put on the hinge bush *Fig. 9 (20)*.

4.1.5 Transferring the handle

For appliances without soft stop mechanism.

▶ Disengage the spring clip *Fig. 11 (34)* from the door and transfer it to the new hinge side.*

For all appliances:

▶ Lift the stopper *Fig. 11 (30)* out of the door bearing bush and transfer it.

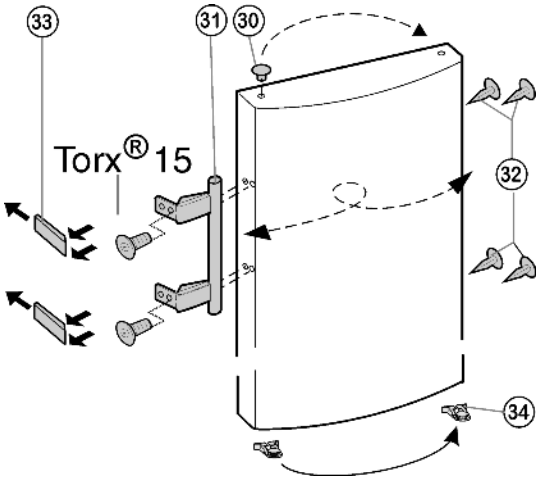


Fig. 11

▶ Detach door handle *Fig. 11 (31)*, stoppers *Fig. 11 (32)* and pressure plates *Fig. 11 (33)* and transfer to the opposite side.
▶ When fitting the pressure plates at the opposite side, pay attention that they engage properly.

4.1.6 Fitting the lower door

▶ Place the door from above onto the lower bearing pin *Fig. 9 (22)*.
▶ Close the door.
▶ Insert the upper turn hinge *Fig. 6 (12)* in the door on the new hinge side.
▶ Screw down the upper turn hinge *Fig. 6 (12)*(2 Torx 25) *Fig. 6 (13)*. Possibly make preliminary holes with a bradawl or use a cordless screwdriver.
▶ Snap the cover *Fig. 6 (10)* and cover *Fig. 6 (11)* into place at the opposite side.

4.1.7 Fitting the soft stop unit*

For appliances **with soft stop mechanism**.

For appliances **without soft stop mechanism** continue with point: Aligning the door.

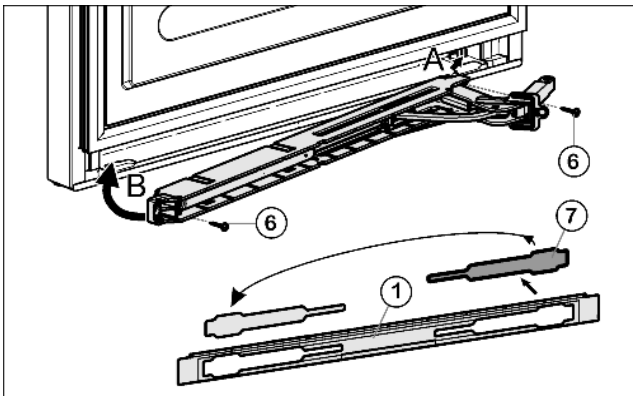


Fig. 12

▶ Remove the cover *Fig. 12 (7)* from the faceplate *Fig. 12 (1)* and re-insert it at the other side.
▶ Engage the soft stop unit with the joint pointing to the hinge side (A) and swivel into place (B).
▷ The screw holes at the left and right have to register.
▶ Screw down the soft stop unit (2 Torx 15) *Fig. 12 (6)*.

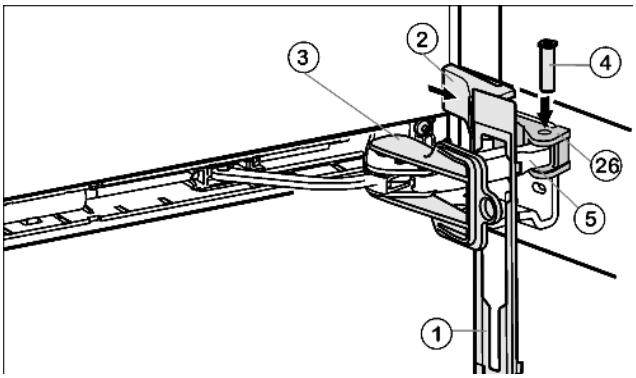


Fig. 13

▶ Attach the faceplate *Fig. 13 (1)* to the soft stop bracket so that the catches face forwards and the front faces the appliance.
▶ Draw the soft stop bracket *Fig. 13 (5)* towards the bearing part *Fig. 13 (26)* and re-insert the pin *Fig. 13 (4)* from above so that the square sits in the recess.
▶ Attach and engage the cover *Fig. 13 (2)*.
▷ Pay attention that the cover fits properly so that the door closes properly and the pin is secured.
▶ Twist the safety lock *Fig. 13 (3)* for removal.
▶ Snap thefaceplate *Fig. 13 (1)* onto the door.
▶ Close the door.

4.1.8 Aligning the door

For appliances with soft stop mechanism.

▶ Undo the middle screw on the lower turn hinge *Fig. 9 (23)*.*

For appliances without soft stop mechanism.

▶ Transfer the middle screw on the lower turn hinge *Fig. 9 (23)* into the free oblong hole.*

For all appliances:

▶ Align the door to the appliance housing by way of the two oblong holes in the lower turn hinge *Fig. 9 (23)*.

▶ Tighten the screws.

4.2 Insertion into a row of kitchen units

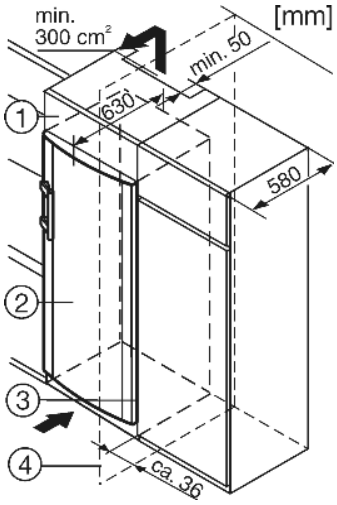


Fig. 14

(1) Stack cabinet
(2) Appliance
(3) Kitchen cabinet
(4) Wall

When inserting the appliance into a row of standard kitchen units (max. depth 580 mm), the appliance can be installed directly next to the kitchen unit *Fig. 14 (3)*. The appliance door projects relative to the front of the kitchen unit by 34 mm at the side and by 50 mm in the middle of the appliance. It can be opened and closed perfectly as a result.
Important for the ventilation:

- At the back of the stack cabinet there has to be a ventilation duct of at least 50 mm depth throughout the width of the stack cabinet.
- The ventilation space under the ceiling has to be at least 300 cm².
- 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. 14 (4)*, the distance between appliance and wall has to be at least 36 mm. This corresponds to the projection of the handle when the door is open.

4.3 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.

4.4 Installing the appliance

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 install the appliance directly against the wall.

Do not install the appliance without assistance.

Standard EN 378 specifies that the room in which you install your appliance must have a volume of 1 m³ per 8 gof R 600a refrigerant used in the appliance. If the room in which the appliance is installed is too small, a flammable gas-air mixture may form in the event of a leakage in the refrigeration circuit. The quantity of refrigerant used in your appliance is indicated on the type plate on the inside of 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
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.

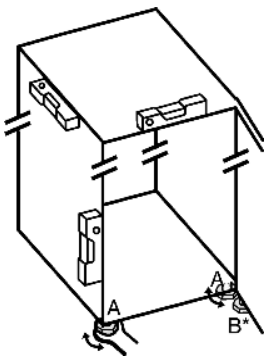
WARNING
Fire hazard and danger of damage!
▶ Do not place appliances emitting heat e.g. microwaves, toasters etc. on the appliance!

WARNING
Fire hazard and risk of damage due to blocked ventilation grille!
▶ Always keep the ventilation grille free. Always ensure that the appliance is properly ventilated.

▶ Detach the connecting cable from the rear of the appliance, removing the cable holder at the same time because otherwise there will be vibratory noise!
▶ Remove the protective film from the outside of the appliance.*
▶ Evenly apply an agent for care of stainless steel, wiping in the direction of the grain.*
▷ Subsequent cleaning becomes easier as a result.*
▶ Remove the protective film from the decorative trims.
▶ Remove all transit supports.
▶ Dispose of packaging material. See section on packaging disposal.

NOTICE
Risk of damage due to condensate!
If your appliance is not a Side-by-Side (SBS) appliance:
▶ do not install the appliance directly alongside a further refrigerator/freezer.

▶ Align the appliance so that it stands firmly and on a level by applying the accompanying spanner to the adjustable-height feet (A) and using a spirit level.
▶ Then support the door: Extend the adjustable foot at the turn hinge (B) until it rests on the floor and then make a further 90° turn.



When a Side-by-Side appliance (S…) is fitted together with a second appliance (as a SBS combination):
▶ Proceed according to the Side-by-Side combined fridge-freezer installation instructions. (Accessories bag of the SBS freezer/appliance with freezer compartment)

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.

4.5 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
- EPS moulded parts
- polythene bags and sheets
- polypropylene straps

▶ Take the packaging material to an official collecting point.

4.6 Connecting the appliance

NOTICE
Risk of damage to the electronic control system!
▶ Do not use stand-alone inverters (conversion of d.c. to a.c./ three-phase) or energy saving plugs.

WARNING
Fire and overheating hazard!
▶ Do not use extension cables or multiple socket outlets.

The type of current (alternating current) and voltage at the installation site have to conform with the data on the type plate (see section on description of appliance and equipment).
Connect the appliance only with a properly installed socket outlet with earthing contact. The socket outlet must be fused with 10 A or higher.

It must be easily accessible so that the appliance can be quickly disconnected from the supply in an emergency.
▶ Check the electrical connection.
▶ Clean the appliance. More information on this is in the section on cleaning.
▶ Plug in the power plug.

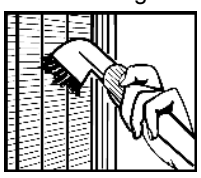
4.7 Switching on the appliance

▶ Press On/Off button *Fig. 3 (3)*.
▷ The temperature display indicates the current temperature.
▷ The interior light is on when the door is open.

5 Control

5.1 Saving energy

▶ Always pay attention to good ventilation.
▶ Keep the time the appliance is open to a minimum.
▶ Store food logically.
▶ First cool warm food to room temperature before storing it .
Accumulated dust increases the energy consumption:
▶ Once a year, dust the refrigerating unit together with the metal grille of the heat exchanger at the back of the appliance.



5.2 Brightness of the temperature display

You can adjust the brightness of the temperature display to the light conditions of the room in which the appliance is installed.

5.2.1 Adjusting the brightness

The brightness is adjustable between h0 (no illumination) and h5 (maximum luminosity).
▶ To activate the setting mode: press SuperCool button *Fig. 3 (2)* for about 5s.
▷ The menu symbol *Fig. 3 (5)* shines. The display indicates c.
▶ Using the Up setting button *Fig. 3 (7)* and Down setting button *Fig. 3 (6)*, select h.
▶ To confirm: briefly press the SuperCool button *Fig. 3 (2)*.
▶ To set the display brighter: press the Up setting button *Fig. 3 (7)*.
▶ To set the display darker: press the Down setting button *Fig. 3 (6)*.
▶ To confirm: briefly press the SuperCool button *Fig. 3 (2)*.



▷ The brightness is adjusted to the new value.
▶ To deactivate the setting mode: press the On/Off button *Fig. 3 (3)*.
-or-
▶ Wait for 5 minutes.

▷ The temperature is indicated again in the temperature display.

5.3 Child proofing

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

5.3.1 Setting the child lock function

▶ To activate the setting mode: press SuperCool button *Fig. 3 (2)* for about 5 s.
▷ The display indicates c.
▷ The menu symbol *Fig. 3 (5)* shines.
▶ Briefly press the SuperCool button *Fig. 3 (2)* to confirm.
When c1 is indicated in the display:
▶ to activate the child lock, briefly press the SuperCool button *Fig. 3 (2)*.



▷ The child lock symbol *Fig. 3 (12)* shines. c flashes in the display.
When c0 is indicated in the display:
▶ to deactivate the child lock, briefly press the SuperCool button *Fig. 3 (2)*.
▷ The child lock symbol *Fig. 3 (12)* goes out. c flashes in the display.
▶ To deactivate the set-up mode: press On/Off button *Fig. 3 (3)*.
-or-
▶ Wait for 5 minutes.

▷ The temperature is indicated again in the temperature display.

5.4 Door alarm

If the door is open longer then 60 s, the audible alarm sounds.
The audible alarm is automatically silenced when the door is closed.

5.4.1 Muting the door alarm

The audible alarm can be muted when the door is open. The sound switch-off function is active as long as the door is left open.
▶ Press alarm button *Fig. 3 (1)*.

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 BioFresh zone and at the rear wall. It is warmest at the top front of the compartment and in the door.

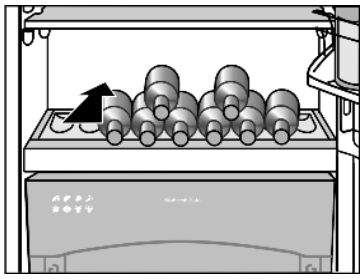
5.5.1 Food refrigeration

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, eggs and preserves in the upper area and in the door. (see also the section onthe appliance at a glance)
▶ Use recyclable plastic, metal, aluminium and glass containers and cling film for wrapping.

For appliances from 1216 mm high:*
▶ 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.
▶ To safeguard bottles from tipping over: move the bottle holder.

At the base of the refrigerator compartment, the integrated bottle shelf or alternatively the glass shelf can be used:
▶ To use the bottle shelf: store the glass shelf compactly 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.



5.5.2 Setting the temperature in the refrigerator compartment

The temperature can be set from 9 °C to 3 °C, the recommended temperature is 5 °C.
▶ For a higher temperature setting: press Up button *Fig. 3 (7)*.
▶ For a lower temperature setting: press Down button *Fig. 3 (6)*.
▷ The first time the button is pressed, the value set so far is indicated in the temperature display.
▶ To change the temperature in 1 °C steps: briefly press the button.
▶ To change the temperature continuously: hold down the button.
▷ The value is displayed flashing during the setting operation.
▷ The actual temperature is displayed about 5 s after the last press of a button. The temperature slowly adjusts to the new value.

5.5.3 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.

Cooling with SuperCool
▶ Briefly press SuperCool button *Fig. 3 (2)*.
▷ The SuperCool symbol *Fig. 3 (11)* lights up in the display.
▷ The cooling temperature drops to the coldest value. SuperCool is activated.
▷ SuperCool is automatically deactivated after 6 to12 hours The appliance continues to operate in the energy-saving, normal mode.

To prematurely deactivate SuperCool
▶ Briefly press SuperCool button *Fig. 3 (2)*.
▷ The SuperCool symbol *Fig. 3 (11)* goes out in the display.
▷ SuperCool is deactivated.

5.5.4 Holiday mode

The holiday mode saves energy and prevents odour from occurring when the door of the refrigerator compartment stays closed for a lengthy period.

Activating the holiday mode
▶ Remove all the food from the refrigerator and BioFresh compartment, otherwise they will perish..
▶ Press the holiday button *Fig. 3 (8)* for 3 sec.

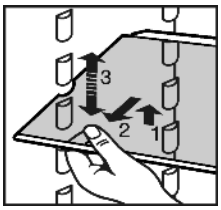


▷ The holiday mode is activated. The display indicates Ho.

Deactivating the holiday mode
▶ Briefly press the holiday button *Fig. 3 (8)*.
▷ The holiday mode is deactivated.
▷ The current cooling temperature is indicated in the display.

5.5.5 Relocating the shelves

The shelves have stops preventing them from being unintentionally pulled out.
▶ Lift the shelf and draw it out forwards.



▶ Insert shelf with the raised edge pointing upwards at the back.
▷ The food does not freeze onto the rear wall.

5.5.6 Using the sectioned shelf

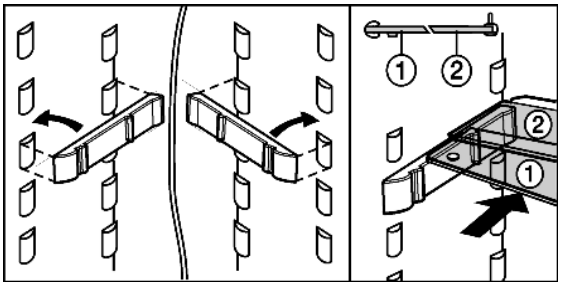
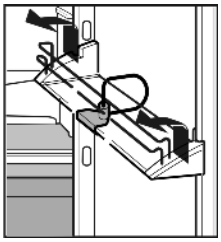


Fig. 15

▶ The glass shelf with stop face (2) has to be at the back.

5.5.7 Moving the storage rack

▶ Remove storage rack according to illustration.

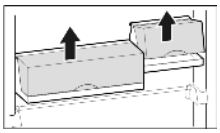


The boxes can be removed and placed on the table as a single unit.

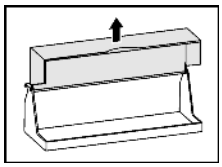
Only one box or both boxes can be used. If particularly tall bottles are to be stored, attach only the wide box above the bottle rack.

Three small boxes are available through the customer service as optional equipment instead of one wide and one small box.

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

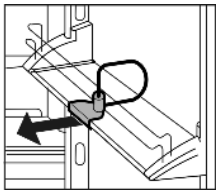


▶ To detach lid: Open 90° and raise to disengage.



5.5.8 Removing the bottle holder

▶ Always take hold of the bottle holder on the plastic part.



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.

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

5.6.1 HydroSafe

The HydroSafe at the moist setting is suited for storing unwrapped salad, vegetables and fruit with high inherent moisture. When the drawer is well filled, a dewy climate with up to 90% humidity is established. The humidity in the compartment depends on the moisture content of the food stored and on the opening frequency. You can set the humidity yourself.

5.6.2 DrySafe

The DrySafe is suitable for storing dry or wrapped food (e.g. dairy products, meat, fish, sausages). A relatively dry storage climate is established here.

5.6.3 Storing food

Note

▶ Vegetables sensitive to cold, such as cucumbers, aubergines, semi-ripe tomatoes, zucchinis and all tropical fruits sensitive to cold, do not belong in the BioFresh compartment.

▶ 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.

5.6.4 Storage times

Standard values for storage time at low humidity			
Butter	up to	90	days
Hard cheese	up to	110	days
Milk	up to	12	days
Sausage, cold meat	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.

Standard values for storage time at high humidity			
Vegetables, salad			
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
Lamb's 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
Kohlrabi	up to	55	days
Lettuce	up to	13	days
Herbs	up to	13	days
Leek	up to	29	days
Mushrooms	up to	7	days
Radishes	up to	10	days
Brussels 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
Currants	up to	7	days
Sweet cherries	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

Standard values for storage time at high humidity			
Gooseberries	up to	13	days
Grapes	up to	29	days

5.6.5 Adjusting the temperature in the BioFresh compartment

The temperature is automatically regulated to between 0 °C and 3 °C, the recommended temperature is 1 °C.

You can adjust the temperature slightly colder or warmer. The temperature can be adjusted from b1 (coldest temperature) to b9 (warmest temperature). The presetting is b5. At the b1 to b4 settings the temperature may drop below 0 ° C and therefore the food may freeze slightly.

Note
for testing institutes: If temperatures below 3 °C are to be reached in the refrigerator compartment:
▶ set the temperature in the BioFresh compartment to b1-b4.

▶ To activate the setting mode: press the SuperCool button *Fig. 3 (2)* for about 5 s.
▷ The menu symbol *Fig. 3 (5)* shines. The temperature display indicates c.
▶ Using the Up setting button *Fig. 3 (7)* and Down setting button, *Fig. 3 (6)* select b.
▶ To confirm: briefly press the SuperCool button *Fig. 3 (2)*.
▶ For a warmer temperature adjustment: press Up setting button *Fig. 3 (7)*.
▶ For a colder temperature adjustment: press Down setting button *Fig. 3 (6)*.
▶ To confirm: press SuperCool button *Fig. 3 (2)*.
▷ The temperature slowly adjusts to the new value.



▶ To deactivate the setting mode: press the On/Off button *Fig. 3 (3)*.
-or-
▶ Wait for 5 minutes.
▷ The temperature is indicated again in the temperature display.

5.6.6 Setting the humidity in the HydroSafe

▶ Low humidity: move the regulator to the left.
▶ High humidity: move the regulator to the right.



5.6.7 Drawers

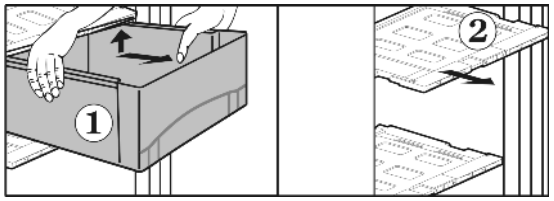


Fig. 16

▶ Pull out drawers *Fig. 16 (1)* to the limit.
▶ Then raise the drawer at the back, pull it forwards and lift it.
▷ In the case of the bottom drawer, the drawer lock is additionally released and the drawer can be removed.
▶ Disengage drawer cover *Fig. 16 (2)* with humidity controller of removed drawers by lifting and draw it forwards for removal.

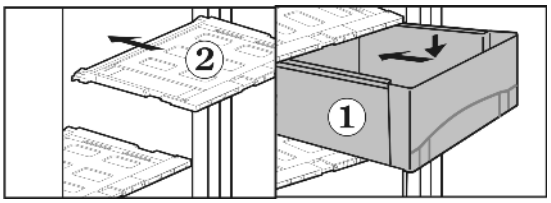


Fig. 17

▶ To insert drawer cover *Fig. 17 (2)*: Insert mouldings of the drawer cover into the rear holders from underneath and snap into the holder at the front.
▶ Place drawers *Fig. 17 (1)* on the rails and slide them all the way in until the drawer audibly snaps into place.
▷ In the case of the bottom drawer, the drawer lock additionally engages and the vegetable drawer sits firmly on the telescopic rails.

6 Maintenance

6.1 Cleaning the appliance.

Before cleaning:

CAUTION
Risk of injury and damage as a result of hot steam!
Hot steam may damage the surfaces and cause burns.
▶ 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 cleaning agents containing sand, chloride, chemicals 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.

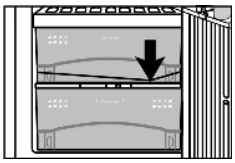
▶ Empty the appliance.
▶ Pull out the power plug.



- Use soft cleaning cloths and a multi-purpose cleaning agent with neutral pH value.
- Only use food compatible cleaning and care agents on the inside of the appliance.

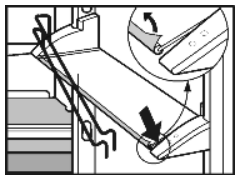
Outside surfaces and interior:
▶ Clean the plastic surfaces, outside and inside, by hand using lukewarm water and a little washing-up liquid.

Clean stainless steel surfaces with a standard stainless steel cleaning agent. Darker areas at the beginning and quite an intensive colour of the stainless steel surface are normal.*
▶ Do not apply cleaners to glass or plastic surfaces so as not to scratch them.*
▶ To clean stainless steel surfaces: evenly apply an agent for care of stainless steel, wiping in the direction of the grain.*
▶ To clean the drain opening: remove any deposits with a fine instrument, e.g. a cotton bud.

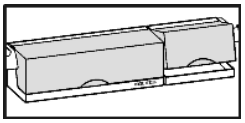


Items of equipment:
▶ Clean items of equipment by hand with lukewarm water and a little washing-up liquid.
▶ For cleaning, remove the support rails for the half-sized glass shelves.

- ▶ To dismantle the shelves: remove the trims and side parts.
- ▶ To dismantle the storage rack: remove the protective film from the decorative trims.



- ▶ Lift out the boxes and lift the covers for removal.



After cleaning:
- ▶ Wipe dry the appliance and items of equipment.
- ▶ Connect the appliance and switch it on again.
- ▶ Put the food back inside.

6.2 Changing the interior light with bulb*

Bulb data

max. 25 W
Fitting: E14
Type of current and voltage must conform with the details on the type plate

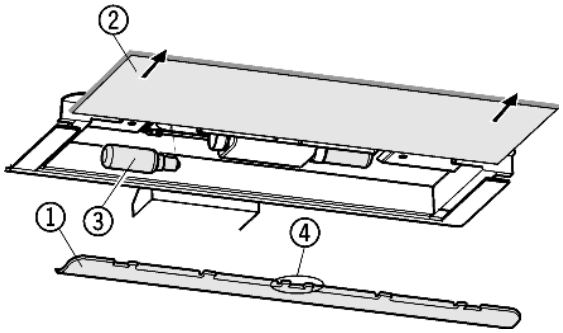


Fig. 18

- ▶ Switch off the appliance.
- ▶ Pull out the power plug or switch off the fuse.
- ▶ To remove the cover *Fig. 18 (1)*: put your finger behind the cover and disengage it.
- ▶ Pull out the glass shelf *Fig. 18 (2)*.
- ▶ Change the bulb *Fig. 18 (3)*.
- ▶ Slide the glass shelf back in.
- ▶ Attach the cover again, engage it at the right and left and pay attention that the middle hook *Fig. 18 (4)* grips over the glass shelf.

6.3 Customer service

First check whether you can correct the fault yourself by reference to the list in the section on troubleshooting. If this is not the case, please contact the customer service whose address is given in the enclosed customer service list.

WARNING
Risk of injury if repair work is not carried out professionally!
- ▶ Have any repairs to and intervention in the appliance and mains power cable, which are not expressly mentioned in the section on maintenance, carried out by the customer service only.

- ▶ Read the appliance designation *Fig. 19 (1)*, service No. *Fig. 19 (2)* and serial No. *Fig. 19 (3)* off the type plate located inside the appliance on the left-hand side.

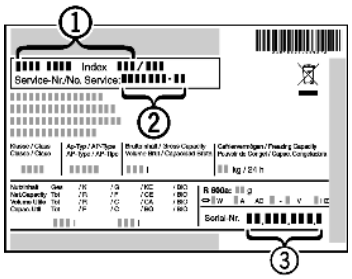


Fig. 19

- ▶ Notify the customer service, specifying the fault, appliance designation *Fig. 19 (1)*, service No. *Fig. 19 (2)* and serial No. *Fig. 19 (3)*.
- ▷ This will help us to provide you with a faster and more accurate service.
- ▶ Keep the appliance closed until the customer service arrives.
- ▷ The food will stay cool longer.
- ▶ Pull out the mains plug (not by pulling the connecting cable) or switch off the fuse.

7 Malfunction

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 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.
- → SuperCool is activated.
- ▶ The compressor runs for longer in order to rapidly cool the food. This 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 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.
- ▶ See section on range of appliance use

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

Vibratory noise
- → The appliance is not standing firmly on the floor. As a result, adjoining units or objects are set into vibration by the running refrigeration unit.

▶ Move the appliance away a little and align it using the 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 temperature display indicates: F0 to F9
→ There is a fault.
▶ Contact the customer service. See the section on maintenance.

DEMO shines in the temperature display.
→ The demo mode is activated.
▶ Contact the customer service. See the section on maintenance.

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

The temperature is not cold enough.
→ The door of the appliance is not properly closed.
▶ Close the door of the appliance.
→ Insufficient ventilation.
▶ Clear ventilation grilles.
→ The ambient temperature is too high.
▶ See section on operating conditions of the appliance.
→ The appliance was opened too frequently or for too long.
▶ Wait until the appliance reaches the required temperature itself. If not, contact the customer service. See the section on maintenance.
→ The appliance is too close to a heat source.
▶ See the section on installation.

The interior light is not 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.
→ If the interior light is not on but the temperature display is lit, the bulb is faulty.
▶ Change the bulb according to the section on maintenance.
→ The LED interior lighting is faulty 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 due to laser radiation, class 1M.
▶ Do not look inside when the cover is open.

8 Decommissioning

8.1 Switching off the appliance

▶ Press On/Off button *Fig. 3 (3)* for about 2 s.
▷ The temperature display is dark.

8.2 Taking the appliance out of service

▶ Empty the appliance.
▶ Put the IceMaker in the cleaning position. (see section on cleaning IceMaker)
▶ Pull out the power plug.
▶ Clean the appliance (see section on cleaning).



▶ Leave the door open to prevent odour.

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9 Disposing of the appliance



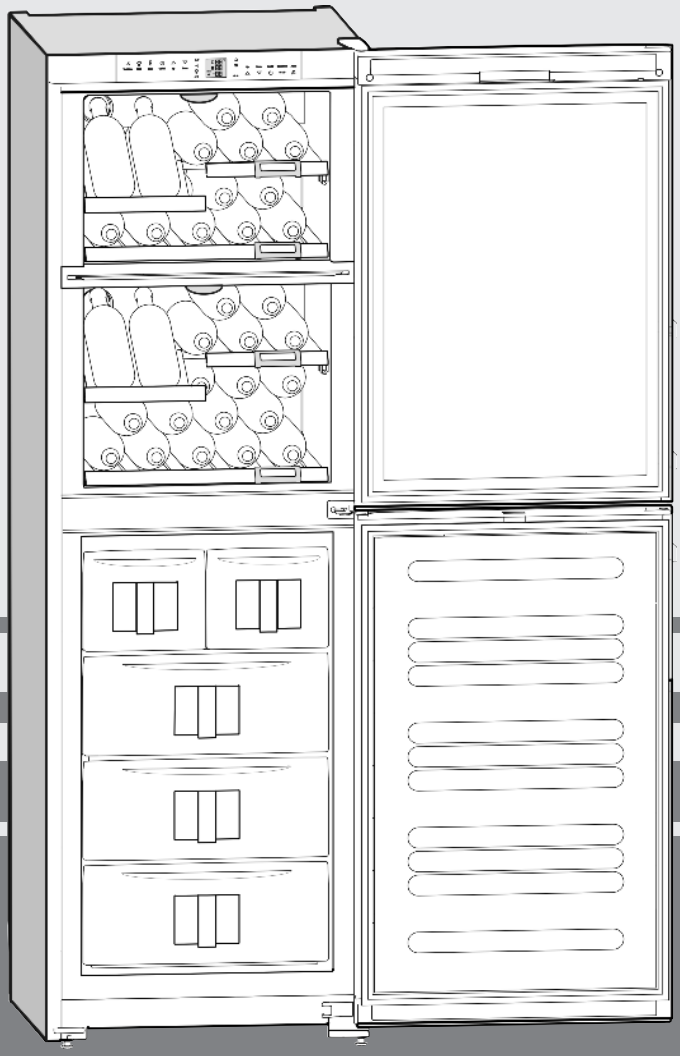
The appliance contains some reusable materials and should be disposed of properly - not simply with unsorted household refuse. Appliances which are no longer needed must be disposed of in a professional and appropriate way, in accordance with the current local regulations and laws.

When disposing of the appliance, ensure that the refrigeration circuit is not damaged to prevent uncontrolled escape of the refrigerant it contains (data on type plate) and oil.
▶ Disable the appliance.
▶ Pull out the plug.
▶ Cut through the connecting cable.

Operating and installation instructions

Multi-temperature wine cabinet with freezer compartment

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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 Range of appliance use

The appliance is designed for cooling wine, for freezing and storing food and for making ice.

The appliance was designed for household use. It is not intended for commercial use, in particular it is not meant for laboratory purposes and the like. There is the danger of malfunction.

The appliance is set to operate within specific ambient temperature limits according to its climate rating. The correct climate rating for your appliance is indicated on the type plate.

Note

▶ Compliance with the ambient temperatures indicated is required, otherwise the cooling performance is reduced.

Climate rating	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

1.2 Conformity

The refrigerant circuit has been tested for leaks. The appliance complies with current safety regulations and EC directives 2006/95/EC and 2004/108/EC.

As energy efficiency guidelines for multi-temperature wine cabinets are not available, wine compartments are evaluated as cellar temperature compartments for energy efficiency class allocation.

1.3 Description of appliance and equipment

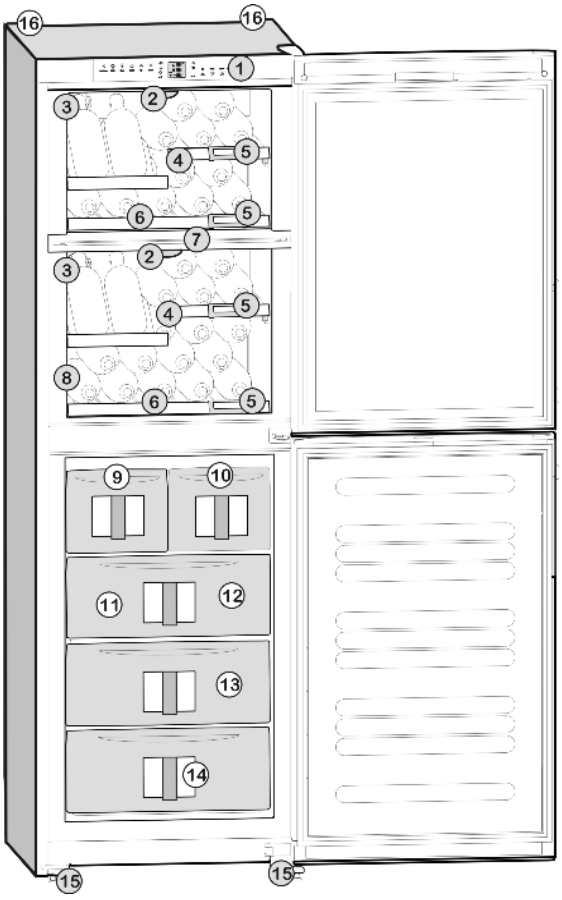


Fig. 1

(1) Control panel
(2) LED lighting, replaceable
(3) Activated charcoal filter, replaceable
(4) Wooden shelf, folding
(5) Label
(6) Wooden shelf, fixed
(7) Separating plate with sealing lip
(8) Type plate
(9) IceMaker
(10) Freezer compartment
(11) Freezer tray
(12) Cold storage accumulators
(13) VarioSpace
(14) Information system
(15) Adjustable feet
(16) Transport grips

1.4 External dimensions of the appliance

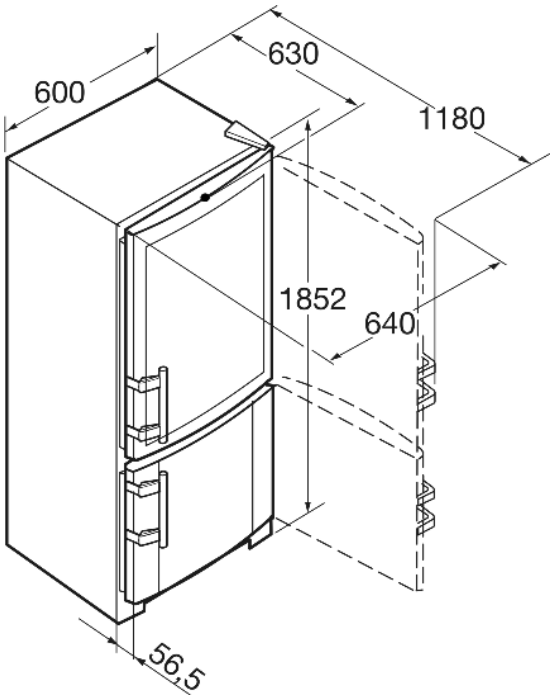
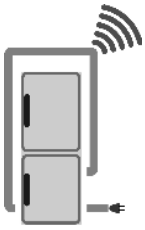


Fig. 2

1.5 Net@Home

The appliance can be provided with the retrofit modules for the HomeDialog system or the serial interface (RS 232), depending on model and equipment. The modules are available from your specialist dealer.

You will find more information on the internet at www.liebherr.com.



2 General safety information

Danger for the user:

- This appliance is not designed for persons (including children) with physical, sensory or mental impairment or persons not having sufficient experience and knowledge, unless they are instructed in the use of the appliance and are initially supervised by a person responsible for their safety. Keep children under supervision to ensure they do not play with the appliance.
- In case of a fault, pull out the mains plug (not by pulling the connecting cable) or switch off the fuse.
- Have any repairs to or intervention in the appliance, and any change of the mains power cable, carried out by the customer service only or by other specialised personnel trained for the purpose.
- When disconnecting the appliance from the supply, always take hold of the plug. Do not pull the cable.
- Install and connect the appliance only as instructed.
- 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.

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: eliminate naked flames or sources of ignition from the vicinity. Pull out the power plug. Ventilate the area well. Notify customer service.
- Do not store explosives or sprays using combustible propellants such as butane, propane, pentane, etc. in the appliance. Respective spray cans can be identified by reference to the contents printed on the can or by a flame symbol. Gases possibly escaping may ignite due to electrical components.
- Do not place any burning candles, lamps or other items with naked flames on or in the appliance.
- Only store high-percentage alcohol in tightly sealed, upright containers. Alcohol possibly escaping may ignite due to 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.

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.
	ATTENTION	identifies a dangerous situation which, if not obviated, may result in damage to property.

	Note	identifies useful information and tips.

3 Controls and displays

3.1 Operating and control elements

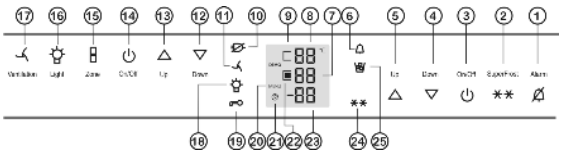


Fig. 3

(1) Alarm button
(2) SuperFrost button
(3) On/Off button, freezer compartment
(4) Down setting button, freezer compartment
(5) Up setting button, freezer compartment
(6) Alarm symbol
(7) Lower wine storage zone temperature display
(8) Upper wine storage zone temperature display
(14) On/Off button, wine zone
(15) Zone button
(16) Light button
(17) Fan button
(18) Light symbol
(19) Child-proofing symbol
(20) Menu symbol
(21) Net@Home symbol

(9) Upper wine compartment symbol
(10) Power failure symbol
(11) Fan symbol
(12) Down setting button, wine zone
(13) Up setting button, wine zone
(22) Lower wine compartment symbol
(23) Freezer compartment temperature display
(24) SuperFrost symbol
(25) Ice-cube symbol

3.2 Temperature display

The following are displayed in normal operation:
- the average wine cabinet temperature
- the warmest freezing temperature

The freezer compartment temperature display flashes:
- the temperature setting is being changed
- after switch-on the temperature is not yet cold enough
- the temperature has risen several degrees

The wine zone temperature display flashes:
- the temperature setting is being changed
- after switch-on until the set temperature is reached
- the wine cabinet temperature is too cold/too warm

The following displays indicate malfunction. You will find possible causes and corrective action in the section on troubleshooting.
- **F0** to **F9**
- **FE**
- The power failure symbol shines.

4 Putting into operation

4.1 Changing over the door hinges

You can change over the door hinges if necessary.

ATTENTION*
Risk of damage to side-by-side appliances by condensate!
A side-by-side (SBS) appliance may be installed only with the door hinges as delivered.
▶ Do not change over the door hinges.

Ensure that the following tools are to hand:
❑ Torx 25
❑ Torx 15
❑ Screwdriver
❑ Cordless screwdriver, if necessary
❑ Second person for fitting work, if needed

4.1.1 Detaching the upper soft stop mechanism

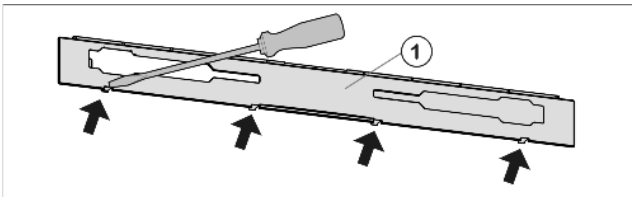


Fig. 4

▶ Open the upper door.

ATTENTION
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!

▶ Lift off the faceplate *Fig. 4 (1)* forwards, using a flat-blade screwdriver.
▷ The faceplate is attached over the soft stop bracket.

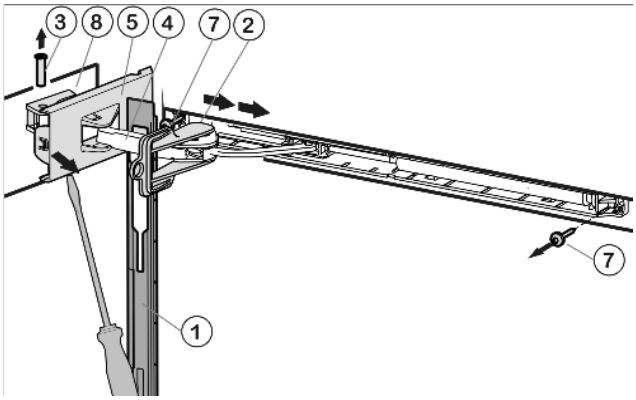


Fig. 5

▶ Slide the faceplate forwards over the soft stop bracket *Fig. 5 (4)* in the direction of the appliance.
▶ Fit the safety lock *Fig. 5 (2)*.
▷ The safety lock prevents the hinge from snap-closing.
▶ Using a screwdriver, detach the cover *Fig. 5 (5)* on the hinge side as far as the first detent.
▷ The pin becomes visible.
▶ Press the pin *Fig. 5 (3)* out from underneath.
▶ Press the soft stop bracket *Fig. 5 (4)* towards the door.
▶ Fully detach the cover *Fig. 5 (5)* on the hinge side and remove it.
▶ Remove the faceplate *Fig. 5 (1)*.
▶ Using a screwdriver, detach the cover on the handle side *Fig. 6 (6)* from the top and remove it.

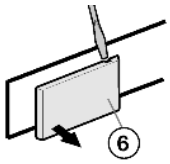


Fig. 6

▶ Unscrew the soft stop unit (2 Torx 15) *Fig. 5 (7)*.
▶ Pull the soft stop unit out a little, push it in the direction of the handle side and swing it out.
▶ Set the soft stop unit aside.
▶ Unscrew the bearing element *Fig. 5 (8)*, turn it 180° and transfer it to the opposite side.

4.1.2 Detaching the upper door

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

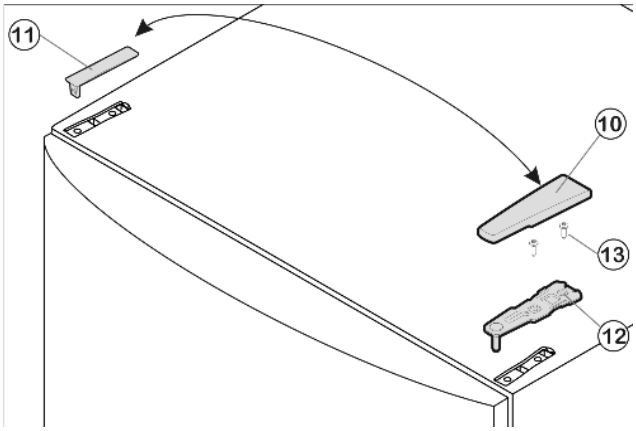


Fig. 7

▶ Close the upper door.
▶ Pull off the cover *Fig. 7 (10)* forwards and remove cover *Fig. 7 (11)*.

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

- ▶ Unscrew the upper turn hinge *Fig. 7 (12)*(2 Torx 25) *Fig. 7 (13)* and raise it for removal.
- ▶ Lift up the upper door and set it aside.

4.1.3 Detaching the lower soft stop mechanism

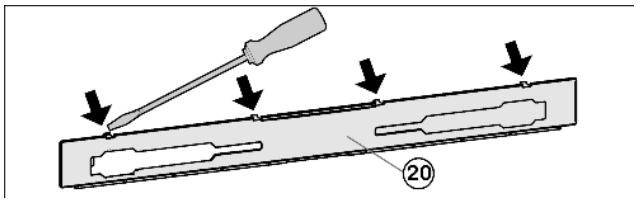


Fig. 8

- ▶ Open the lower door.

ATTENTION
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!

- ▶ Lift off the faceplate *Fig. 8 (20)* forwards, using a flat-blade screwdriver.
- ▷ The faceplate is attached over the soft stop bracket.

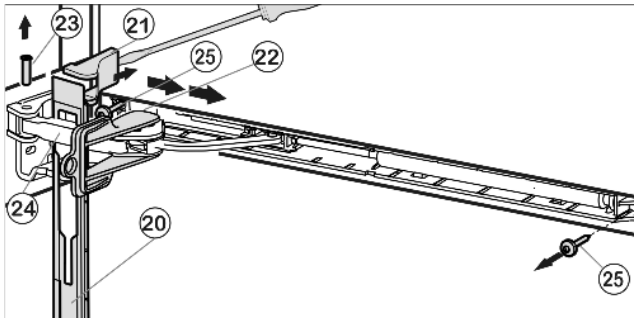


Fig. 9

- ▶ Slide the faceplate forwards over the soft stop bracket *Fig. 9 (24)* in the direction of the appliance.
- ▶ Fit the safety lock *Fig. 9 (22)*.
- ▷ The safety lock prevents the hinge from snap-closing.
- ▶ Using a screwdriver, lift off the cover *Fig. 9 (21)* from the outside and remove it in an outward direction.
- ▶ If necessary, tip the appliance backwards with the assistance of a second person.
- ▶ Press the pin *Fig. 9 (23)* out from underneath.
- ▶ Press the soft stop bracket *Fig. 9 (24)* towards the door.
- ▶ Remove the faceplate *Fig. 9 (20)*.
- ▶ Unscrew the entire soft stop unit (2 Torx 15) *Fig. 9 (25)*.
- ▶ Pull the soft stop unit out a little, push it in the direction of the handle side and swing it out.
- ▶ Set the soft stop unit aside.

4.1.4 Detaching the lower door

- ▶ Close the lower door.
- ▶ Remove the plastic cap *Fig. 10 (33)*.
- ▶ Draw the middle bearing pin *Fig. 10 (32)* out of the turn hinge and lower door.

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

- ▶ Lift up the door and set it aside.

4.1.5 Transferring the middle bearing elements

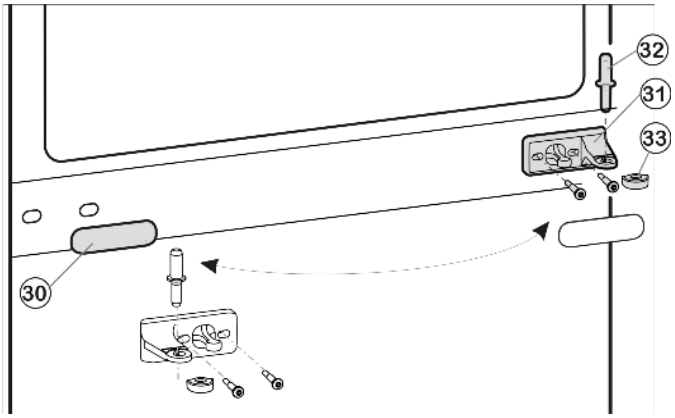


Fig. 10

- ▶ Carefully detach the cover panel *Fig. 10 (30)*.
- ▶ Unscrew the middle turn hinge *Fig. 10 (31)*, turn it 180° and transfer it to the new hinge side.
- ▶ Snap the cover panel *Fig. 10 (30)* into place on the new handle side.

4.1.6 Transferring the lower bearing elements

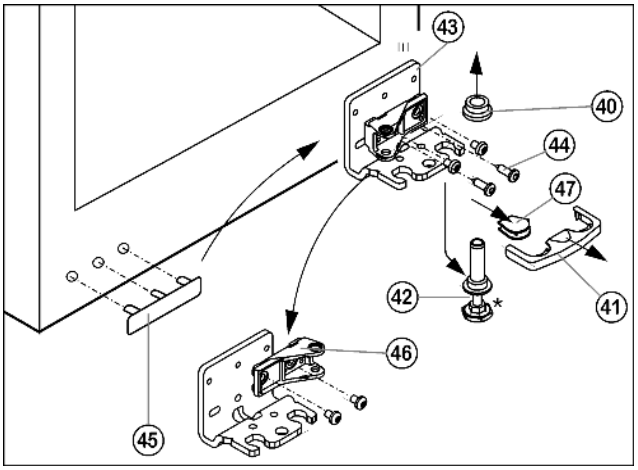


Fig. 11

- ▶ Pull off the cover *Fig. 11 (41)* forwards.
- ▶ Remove lower cover *Fig. 11 (47)*.*
- ▶ Turn the adjustable-height foot *Fig. 11 (42)* all the way in.
- ▶ If necessary, tip the appliance back a little with the assistance of a second person for removal of the bearing pin.
- ▶ Pull out the lower bearing pin *Fig. 11 (42)* downwards and forwards. In so doing, pay attention to the hinge bush *Fig. 11 (40)*.
- ▶ Unscrew the lower turn hinge *Fig. 11 (43)*(Torx 25) *Fig. 11 (44)*.
- ▶ Carefully lift off the cover on the handle side *Fig. 11 (45)* and transfer it to the opposite side.
- ▶ Screw down the lower turn hinge *Fig. 11 (43)* on the new hinge side, possibly with the aid of a cordless screwdriver, through the outer oblong hole and round hole.

Note

▶ If necessary, e.g. in case of any unevenness in the floor, the second oblong hole can be used instead of the round hole for the screw fitting.

▶ Unscrew the bearing part, *Fig. 11 (46)* turn it 180° and screw it down again.
▶ Tip the appliance back a little again and re-insert the lower bearing pin *Fig. 11 (42)*.
▶ Put on the hinge bush *Fig. 11 (40)*.

4.1.7 Transferring the handles

▶ Lift the stoppers *Fig. 12 (50)* out of the door bearing bushes and transfer them.

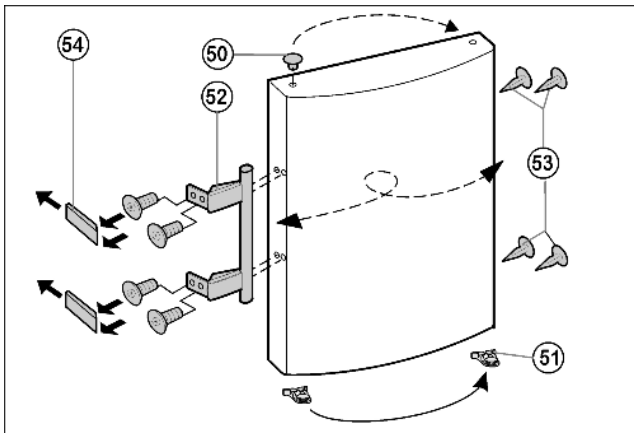


Fig. 12

▶ Detach door handles *Fig. 12 (52)*, stoppers *Fig. 12 (53)* and pressure plates *Fig. 12 (54)* and transfer to the opposite side
▶ When fitting the pressure plates at the opposite side, pay attention that they engage properly.

4.1.8 Fitting the lower door

▶ Place the door from above onto the lower bearing pin *Fig. 11 (42)*.
▶ Close the door.
▶ Place middle bearing pin *Fig. 10 (32)* in the lower door, on the new hinge side, through the middle turn hinge.
▶ Turn the plastic cap *Fig. 10 (33)* 180° and place it on the turn hinge.

4.1.9 Fitting the lower soft stop mechanism

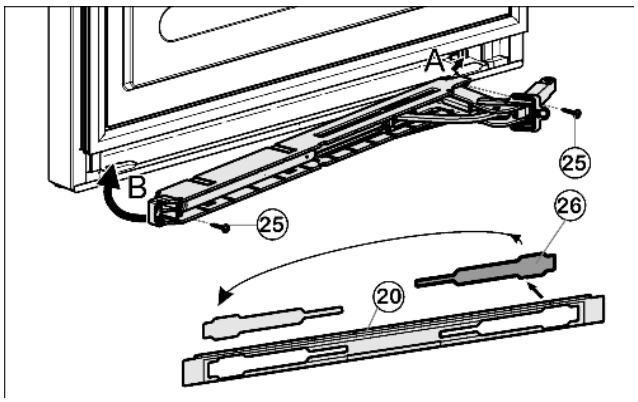


Fig. 13

▶ Remove the cover *Fig. 13 (26)* from the faceplate *Fig. 13 (20)* and re-insert it at the other side.
▶ Engage the soft stop unit with the joint pointing to the hinge side (A) and swivel into place (B).
▷ The screw holes at the left and right have to register.
▶ Screw down the soft stop unit (2 Torx 25) *Fig. 13 (25)*.

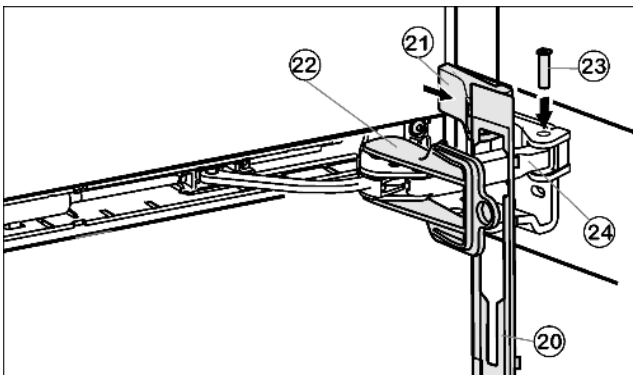


Fig. 14

▶ Attach the faceplate *Fig. 14 (20)* to the soft stop bracket so that the catches face forwards and the front faces the appliance.
▶ Draw the soft stop bracket *Fig. 14 (24)* towards the bearing part and re-insert the pin *Fig. 14 (23)* from above so that the square sits in the recess.
▶ Attach and engage the cover *Fig. 14 (21)*.
▷ Pay attention that the cover fits properly so that the door closes properly and the pin is secured.
▶ Twist the safety lock *Fig. 14 (22)* for removal.
▶ Snap the faceplate *Fig. 14 (20)* onto the door.
▶ Close the lower door.

4.1.10 Fitting the upper door

▶ Place the upper door on the middle bearing pin *Fig. 10 (32)*.
▶ Insert the upper turn hinge *Fig. 7 (12)* in the door on the new hinge side.
▶ Screw down the upper turn hinge (2 Torx 25) *Fig. 7 (13)*. Possibly make preliminary holes with a bradawl or use a cordless screwdriver.
▶ Snap the cover *Fig. 7 (11)* and cover *Fig. 7 (10)* into place at the opposite side.
▶ Leave the upper door open.

4.1.11 Fitting the upper soft stop mechanism

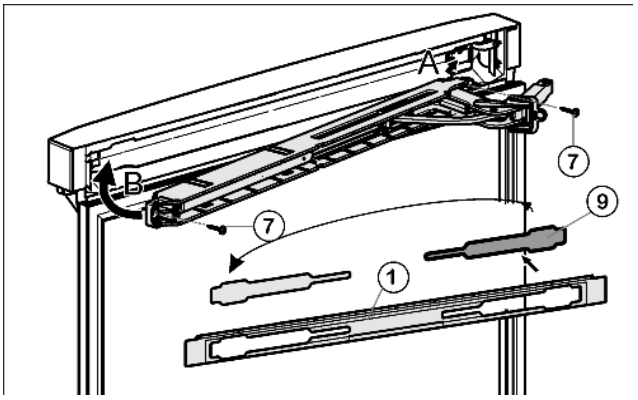


Fig. 15

▶ Remove the cover *Fig. 15 (9)* from the faceplate *Fig. 15 (1)* and re-insert it at the other side.
▶ Engage the upper soft stop unit with the joint on the hinge side (A) and swivel into place (B).
▷ The screw holes at the left and right have to register.
▶ Screw down the soft stop unit (2 Torx 25).

Note

▶ Keep to the correct order. First attach the panel over the soft stop bracket, then the cover.

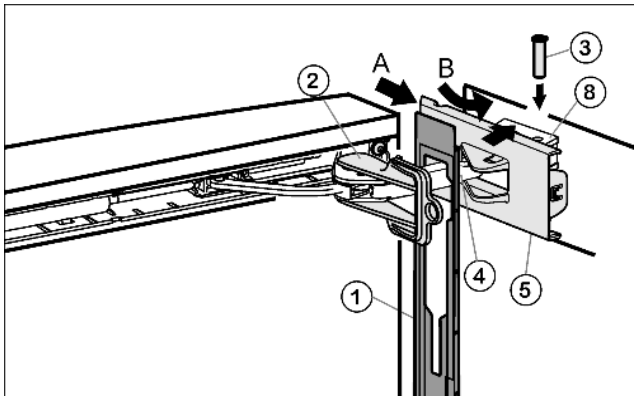


Fig. 16

- ▶ Attach the faceplate *Fig. 16 (1)* to the soft stop bracket *Fig. 16 (4)* so that the catches face inwards and the front faces the appliance.
- ▶ Slide on the cover *Fig. 16 (5)* from the outside (A) and swivel it over the bearing part *Fig. 16 (8)* (B).
- ▶ Attach the cover *Fig. 16 (5)* and engage it as far as the first detent.
- ▷ The openings for the pin are on top of one another after the soft stop bracket has been positioned.
- ▶ Draw the soft stop bracket *Fig. 16 (4)* towards the bearing part and insert the pin *Fig. 16 (3)* from above so that the square sits in the recess.
- ▶ Now completely snap the cover *Fig. 16 (5)* onto the bearing part *Fig. 16 (8)*.
- ▷ Pay attention that the cover fits properly so that the door closes properly and the pin is secured.
- ▶ Twist the safety lock *Fig. 16 (2)* for removal.
- ▶ Snap the faceplate *Fig. 16 (1)* onto the door.
- ▶ Turn the cover *Fig. 6 (6)* 180°, attach and engage it on the handle side.

4.1.12 Aligning the doors

- ▶ If necessary, align the doors to the appliance housing by way of the two oblong holes in the lower turn hinge *Fig. 11 (43)* and middle turn hinge *Fig. 10 (31)*, then tighten the screws.
- ▶ Engage the cover *Fig. 11 (41)* on the lower turn hinge.

4.2 Insertion into a row of kitchen units

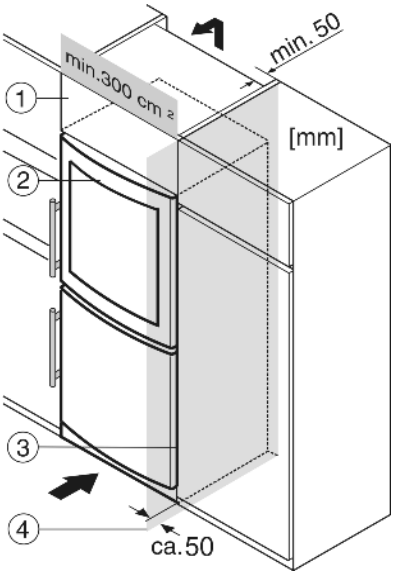


Fig. 17

(1) Stack cabinet
(2) Appliance
(3) Kitchen cabinet
(4) Wall

The appliance can be inserted into a row of kitchen units. To match the appliance *Fig. 17 (2)* to the height of the row of units, a suitable stack cabinet *Fig. 17 (1)* can be fitted above the appliance.

When inserting the appliance into a row of standard kitchen units (max. depth 580 mm), the appliance can be installed directly next to the kitchen unit *Fig. 17 (3)*. The appliance door projects relative to the front of the kitchen unit by 34 mm at the side and by 50 mm in the middle of the appliance. It can be opened and closed perfectly as a result.
Important for the ventilation:

- At the back of the stack cabinet there has to be a ventilation duct of at least 50 mm depth throughout the width of the stack cabinet.
- The ventilation space under the ceiling has to be at least 300 cm^2.
- 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. 17 (4)*, the distance between appliance and wall has to be at least 50 mm. This corresponds to the projection of the handle when the door is open.

4.3 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 conform with the drinking water ordinance of the respective country in which the appliance is used.
- ▶ The IceMaker serves exclusively for making ice cubes in household quantities and has to be operated with water suitable for the purpose.

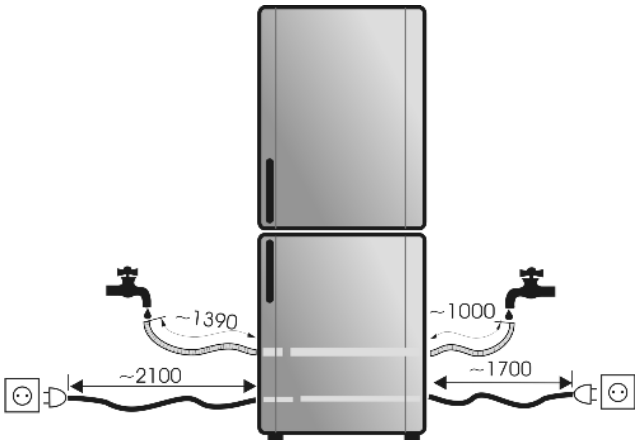
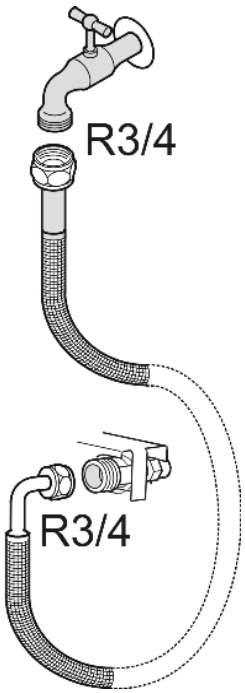


Fig. 18

- The water pressure has to be between 1.5 bar and 6 bar. (0.15 MPa - 0.6 MPa)
- 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 accompanying stainless steel hose for the purpose (1.5 m long). A 3 m hose is available from the customer service department and has to be fitted by an expert.
  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.
- The stopcock should be outside the area at the back of the appliance and should be readily accessible so that the appliance can be slid in as far as possible and the stopcock can be closed quickly if necessary. Observe the clearances.
- 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.



▶ Connect the straight part of the accompanying stainless steel hose to the stopcock.

The solenoid valve is at the bottom back of the appliance. The connection dimension of the solenoid valve is 3/4".

▶ Connect the angled part of the stainless steel hose to the solenoid valve.
▶ Open the stopcock of the water supply and check that the entire water system is leakproof.
Before initial use:
▶ Have the water pipe bled of air by the proper expert.



4.4 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.

WARNING
Risk of injury due to broken glass!
In case of transport at an altitude of over 1500 m the glass panes of the door may break. The fragments have sharp edges and may cause serious injury.
▶ Take appropriate protective action.

4.5 Installing the appliance

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 install the appliance directly against the wall.

Do not install the appliance without assistance.

Standard EN 378 specifies that the room in which you install your appliance must have a volume of 1 m^3 per 8 gof R 600a refrigerant used in the appliance. If the room in which the appliance is installed is too small, a flammable gas-air mixture may form in the event of a leakage in the refrigeration circuit. The quantity of refrigerant used in your appliance is indicated on the type plate on the inside of 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
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.

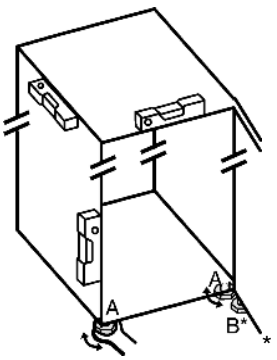
WARNING
Fire hazard and danger of damage!
▶ Do not place appliances emitting heat e.g. microwaves, toasters etc. on the appliance!

WARNING
Fire hazard and risk of damage due to blocked ventilation grille!
▶ Always keep the ventilation grille free. Always ensure that the appliance is properly ventilated.

▶ Detach the connecting cable from the rear of the appliance, removing the cable holder at the same time because otherwise there will be vibratory noise!
▶ Remove the protective film from the outside of the appliance.
▶ Evenly apply an agent for care of stainless steel, wiping in the direction of the grain.
▷ Subsequent cleaning becomes easier as a result.
▶ Remove the protective film from the decorative trims and drawer fronts.
▶ Remove all transit supports.
▶ Dispose of packaging material. See section on packaging disposal.

ATTENTION*
Risk of damage due to condensate!
If your appliance is not a Side-by-Side (SBS) appliance:
▶ do not install the appliance directly alongside a further refrigerator/freezer.

▶ Align the appliance so that it stands firmly and on a level by applying the accompanying spanner to the adjustable-height feet (A) and using a spirit level.*
▶ Then support the door: Extend the adjustable foot at the turn hinge (B) until it rests on the floor and then make a further 90° turn.*



If your appliance is a Side-by-Side appliance (SBS):
▶ Proceed according to the Side-by-Side combined fridge-freezer installation instructions. (Accessories bag of the SBS freezer/appliance with freezer compartment)*

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.

4.6 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
- EPS moulded parts
- polythene bags and sheets
- polypropylene straps

▶ Take the packaging material to an official collecting point.

4.7 Connecting the appliance

ATTENTION
Risk of damage to the electronic control system!
▶ Do not use stand-alone inverters (conversion of d.c. to a.c./ three-phase) or energy saving plugs.

WARNING
Fire and overheating hazard!
▶ Do not use extension cables or multiple socket outlets.

The type of current (alternating current) and voltage at the installation site have to conform with the data on the type plate (see section on description of appliance and equipment).
Connect the appliance only with a properly installed socket outlet with earthing contact. The socket outlet must be fused with 10 A or higher.

It must be easily accessible so that the appliance can be quickly disconnected from the supply in an emergency.
▶ Check the electrical connection.
▶ Clean the appliance. More information on this is in the section on cleaning.
▶ Plug in the power plug.

4.8 Switching on the appliance

Note
▶ To switch on the entire appliance it is necessary only to switch on the freezer compartment.

Put the appliance into operation about 2 hours before first loading food to be frozen.

Do not load food to be frozen before the temperature display reads -18 °C.

4.8.1 Switching on the freezer compartment

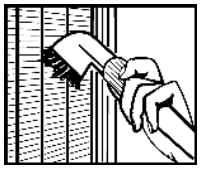
▶ Press On/Off button, freezer compartment *Fig. 3 (3)*.
▷ The wine zone temperature display and the alarm button flash until the set temperature is reached.
▷ The freezer compartment temperature display and the alarm button flash until the temperature is sufficiently cold. If the temperature is above 0 °C, dashes flash. If it is below, the current temperature flashes.

5 Control

5.1 Saving energy

▶ Always pay attention to good ventilation.
▶ Keep the time the appliance is open to a minimum.
▶ Store food logically.

Accumulated dust increases the energy consumption:
▶ Once a year, dust the refrigerating unit together with the metal grille of the heat exchanger at the back of the appliance.



5.2 Brightness of the temperature display

You can adjust the brightness of the temperature display to the light conditions of the room in which the appliance is installed.

5.2.1 Adjusting the brightness

The brightness is adjustable between **h0** (no illumination) and **h5** (maximum luminosity).
▶ To activate the setting mode: press the SuperFrost button *Fig. 3 (2)* for about 5 s.
▷ The display indicates **c**.
▷ The menu symbol *Fig. 3 (20)* shines.
▶ Using the Up setting button, freezer compartment *Fig. 3 (5)* or Down setting button, freezer compartment *Fig. 3 (4)* select **h**.
▶ To confirm: briefly press the SuperFrost button *Fig. 3 (2)*.
▶ To make the display brighter: press Up button, freezer compartment *Fig. 3 (5)*.
▶ To make the display darker: press Down button, freezer compartment *Fig. 3 (4)*.
▶ To confirm: press SuperFrost button *Fig. 3 (2)*.
▷ The brightness is adjusted to the new value.
▶ To deactivate the set-up mode: press On/Off button, freezer compartment *Fig. 3 (3)*.



-or-
▶ Wait for 5 minutes.

▷ The temperature is indicated again in the temperature display.

5.3 Child proofing

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

5.3.1 Setting the child lock

▶ To activate the setting mode: press SuperFrost button *Fig. 3 (2)* for about 5 s.
▷ The display indicates **c**.
▷ The menu symbol *Fig. 3 (20)* shines.
▶ Briefly press the SuperFrost button *Fig. 3 (2)* to confirm.
▶ To switch on: Using the Up setting button, freezer compartment *Fig. 3 (5)* or Down setting button, freezer compartment, *Fig. 3 (4)* select **c1**.
▶ To switch off: Using the Up setting button, freezer compartment *Fig. 3 (5)* or Down setting button, freezer compartment, *Fig. 3 (4)* select **c0**.
▶ To confirm: press SuperFrost button *Fig. 3 (2)*.
▷ When the child lock symbol *Fig. 3 (19)* shines, the child lock is activated.
▶ To deactivate the set-up mode: press On/Off button, freezer compartment *Fig. 3 (3)*.



-or-
▶ Wait for 5 minutes.

▷ The temperature is indicated again in the temperature display.

5.4 Door alarm

For refrigerator and freezer compartment

If the door is open longer then 60 s, the audible alarm sounds.

The audible alarm is automatically silenced when the door is closed.

5.4.1 Muting the door alarm

The audible alarm can be muted when the door is open. The sound switch-off function is active as long as the door is left open.
▶ Press alarm button *Fig. 3 (1)*.
▷ The door alarm is silenced.
▷ The temperature is indicated in the display. The display changes to the normal temperature display.

5.5 Temperature alarm

The audible alarm sounds if the freezer temperature is not cold enough.

The temperature display and the alarm symbol *Fig. 3 (6)* flash at the same time.
The cause of the temperature being too high may be:

- too much warm ambient air flowed in when rearranging and removing food
- power failure for some time
- the appliance is faulty

The audible alarm is automatically silenced, the alarm symbol *Fig. 3 (6)* goes out and the temperature display stops flashing when the temperature is sufficiently cold/warm again.

If the alarm status persists, proceed as indicated in the section on troubleshooting.

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

5.5.1 Muting the temperature alarm

The audible alarm can be muted. When the temperature is sufficiently cold again, the alarm function is active again.
▶ Press alarm button *Fig. 3 (1)*.
▷ The audible alarm is silenced.

5.6 Freezer compartment

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

5.6.1 Freezing food

The maximum load for an individual drawer and the plate is 25 kg frozen food.

CAUTION
Risk of injury due to broken glass!
Bottles and cans containing drinks may burst when being frozen. This applies particularly to sparkling drinks.
▶ Do not freeze bottles and cans containing drinks!

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.

5.6.2 Thawing food

- at room temperature
- in a microwave oven
- in a conventional or fan oven

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

5.6.3 Setting the temperature in the freezer compartment

The appliance is pre-set for normal operation.

The temperature can be set between -16 °C and -26 °C, the recommended temperature is -18 °C.
▶ To set the temperature higher: press Up button, freezer compartment *Fig. 3 (5)*.
▶ To set the temperature lower: press Down button, freezer compartment *Fig. 3 (4)*.
▷ When the button is pressed the first time, the previous value is indicated in the temperature display of the freezer compartment.
▶ To change the temperature in 1 °C steps: briefly press the button.
-or-
▶ To change the temperature continuously: hold down the button.

▷ The value is displayed flashing during the setting operation.
▷ The actual temperature is displayed about 5 s after the last press of a button. The temperature slowly adjusts to the new value.

5.6.4 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.

Freezing with SuperFrost

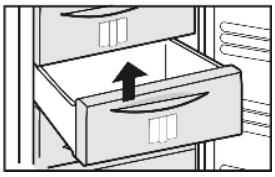
You do not have to activate SuperFrost in the following cases:

- when placing frozen food in the freezer
- when freezing up to about 2 kg fresh food a day

▶ Briefly press the SuperFrost button *Fig. 3 (2)* once.
▷ The SuperFrost symbol *Fig. 3 (24)* shines.
▷ The freezer temperature drops, the appliance operates with maximum refrigerating performance.
For a small amount of food:
▶ wait about 6 h.
▶ Place the fresh food in the top drawers.
For the maximum amount of food:
▶ wait about 24 h.
▶ Place wrapped food straight on the shelves and, once frozen, put it into the drawers.
▷ SuperFrost is automatically deactivated. Depending on the quantity placed inside, after 30 h at the earliest, 65 h at the latest.
▷ Freezing is concluded.
▷ The SuperFrost symbol *Fig. 3 (24)* goes out.
▷ The appliance continues to operate in the energy-saving, normal mode.

5.6.5 Drawers

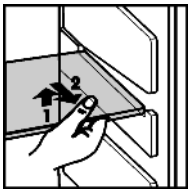
Note
The energy consumption increases and the cooling performance decreases if there is insufficient ventilation.
For appliances with NoFrost:
▶ Leave the bottom drawer in the appliance!
▶ Always keep the air slits of the fan free at the rear wall!



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

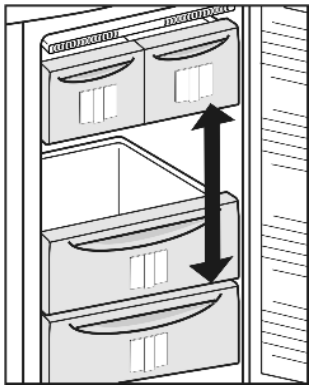
5.6.6 Shelves

▶ 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.



5.6.7 VarioSpace

Apart from being able to remove the drawers, you can also remove the shelves, creating space for large items of frozen food. Poultry, meat, large pieces of game and high bakery products can be frozen in one piece and prepared.
▶ The maximum load of frozen food for an individual drawer or shelf is 25 kg.

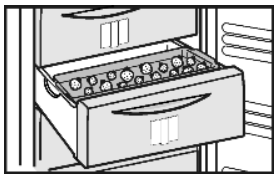


5.6.8 Cold storage accumulators

5.6.9 Freezer tray

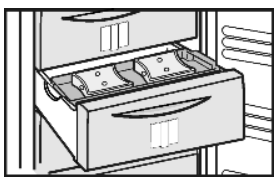
The freezer tray allows you to freeze berries, herbs, vegetables and other small items of food without them sticking together. Items being frozen will largely retain their shape, and it will be easier to remove exactly the right quantity later on.

Using the freezer tray



▶ Spread the items out loosely on the freezer tray.
▶ Attach the freezer tray in one of the upper drawers.
▶ Allow the food to freeze through for 10 to 12 h.
▶ Transfer the frozen food to freezer bags or containers.
▶ Store freezer bags or containers in a drawer.
▶ To thaw the items, spead them out loosely again.

5.6.10 Using cold storage accumulators



▶ Place the cold storage accumulators in the freezer tray to save space.
▶ Place the frozen cold storage accumulators straight on top of the frozen food in the top large drawer.
▷ This way the frozen food will keep cool longest in case of power failure.

5.6.11 IceMaker

The IceMaker is in the top drawer of the freezer compartment. The drawer is marked "IceMaker".
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.

Switching on the IceMaker

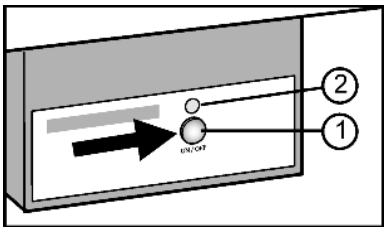


Fig. 19

▶ Pull out the drawer.
▶ Press the On/Off button *Fig. 19 (1)* so that the LED *Fig. 19 (2)* shines.
▶ Push in the drawer.

Note
▶ The IceMaker produces ice cubes only if the drawer is fully closed.

Switching off the IceMaker

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

When the IceMaker is put out of service, clean it. This ensures that no water or ice remains in the IceMaker.

When the IceMaker is switched off, the IceMaker drawer can also be used for freezing and storing food.
▶ Press the On/Off button for about 1 second until the LED goes out.

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 out of the IceMaker into the drawer. When a certain filling level is reached, no more ice cubes are produced.

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
▶ Do not consume or use the first three loads of ice cubes. This applies if the appliance is used for the first time and if it has been out of use for a long time. This ensures that the water line is thoroughly rinsed.

Setting the water intake time

The opening time of the IceMaker valve can be set. The water intake time is adjustable in steps from **E1** (short intake time) to **E8** (long intake time).
▶ To activate the setting mode: press the SuperFrost button *Fig. 3 (2)* for about 5 s.
▷ The display indicates **c**.
▷ The menu symbol *Fig. 3 (20)* shines.
▶ Using the Up setting button, freezer compartment *Fig. 3 (5)* and Down setting button, freezer compartment *Fig. 3 (4)* select **E**.
▶ To confirm: briefly press the SuperFrost button *Fig. 3 (2)*.

- ▶ To increase the water intake time: press the Up setting button, freezer compartment *Fig. 3 (5)*.
- ▶ To reduce the water intake time: press the Down setting button, freezer compartment *Fig. 3 (4)*.
- ▶ To confirm: press the SuperFrost button *Fig. 3 (2)*.
- ▶ To deactivate the setting mode: press the On/Off button, freezer compartment *Fig. 3 (3)*.

-or-

- ▶ Wait for 2 minutes.

▷ The temperature is indicated again in the temperature display.

5.7 Wine zone

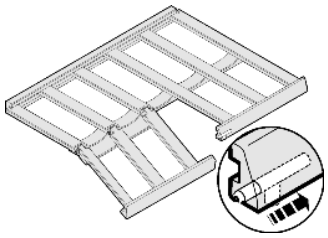
You can bring your wines to the ideal drinking temperature slowly and gradually in the wine zone.

5.7.1 Storing wine bottles

41 Bordeaux bottles(0.75 l) can be stored in the wine zone.

- ▶ Store white wine only in one compartment and red wine only in the other, since both compartments can be set to independent temperatures.
- ▶ If possible, lay bottles of the same type of wine side by side on the same grid shelf.
- ▶ Rearrange bottles as seldom as possible.
- ▶ Stored open bottles on the folded down wooden grid shelf.
- ▶ To fold down the wooden grid shelf: press the lock under the trim sideways.

▷ The wooden grid shelf folds down.



5.7.2 Setting the temperature in the wine zone

The appliance is pre-set for normal operation. The temperature can be set from 20 °C to 5 °C, the recommended temperatures are 8 °C to 12 °C.

The wine zone is divided into two wine compartments, which can be set to different temperatures, as needed.

- ▶ To select the wine compartment: press the zone button *Fig. 3 (15)*.

▷ The selected wine compartment is indicated in the temperature display.



- ▶ To set the temperature warmer: press the Up setting button, wine zone *Fig. 3 (13)*.
- ▶ To set the temperature colder: press the Down setting button, wine zone *Fig. 3 (12)*.

▷ The first time the button is pressed, the previous value is indicated in the temperature display, upper wine zone *Fig. 3 (8)* or in the temperature display, lower wine zone *Fig. 3 (7)*.

- ▶ To change the temperature in 1 °C steps: briefly press the button.

-or-

- ▶ To change the temperature continuously: hold down the button.

▷ During setting the new value is displayed flashing.

▷ The actual temperature is displayed about 5 s after the last press of a button. The temperature slowly adjusts to the new value.

5.7.3 Fan

When the fan runs, the relative humidity in the interior increases so that the cork does not dry out.

When the fan is activated, the energy consumption increases. To save energy, the fan switches off automatically when the door is open.

Switching on the fan

- ▶ Briefly press the fan button *Fig. 3 (17)*.



▷ The fan symbol shines.

Switch off the fan

- ▶ Briefly press the fan button *Fig. 3 (17)*.

▷ The fan symbol is dark.

▷ The fan runs only when the compressor runs. The humidity is low.

5.7.4 Dim mode

For glazed door models you can set the dim mode of the light, i.e. the intensity with which the light is to shine after the door has closed.

Setting the dim mode

Note

- ▶ When the dim mode is deactivated, the light becomes slowly darker after the door has closed and then goes out.

- ▶ Briefly press the Light button *Fig. 3 (16)*.

▷ The Light button *Fig. 3 (16)* shines. The dim mode is activated.

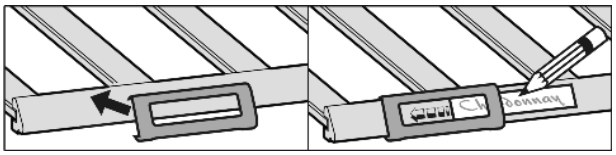
The settings apply to all wine compartments.

- ▶ For a brighter light adjustment: press Light button *Fig. 3 (16)* and Up setting button, wine zone *Fig. 3 (13)* at the same time.
- ▶ For a darker light adjustment: press Light button *Fig. 3 (16)* and Down setting button, wine zone *Fig. 3 (12)* at the same time.

5.7.5 Labels

You can note down on the labels the type of wine stored in the respective compartment. Additional labels can be obtained from your specialist dealer.

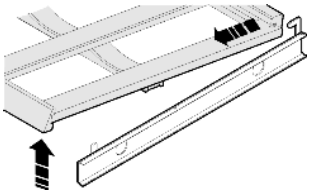
Labelling



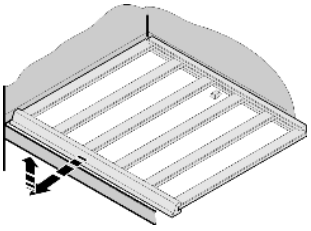
5.7.6 Wooden shelf

Pay attention that the wooden shelf does not get caught on the rear hook.

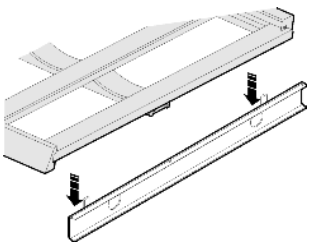
- ▶ To remove the folding wooden shelf: lift it off the pull-out rail and draw it forwards.



- ▶ To insert the wooden folding shelf: slide it under the rear hook and press onto the rails so that they audibly snap into place.
- ▶ To remove lower wooden shelf: pull it forwards at an angle and simultaneously raise it.
- ▶ To insert lower wooden shelf: slide it in over the stop on the intervening shelves up to the rear wall of the appliance and press it down.



▶ To insert other wooden shelves: place on the rails.



6 Maintenance

6.1 Replacing the activated charcoal filter

The activated charcoal filter ensures ideal air quality and should therefore be replaced annually. It can be ordered from a specialised dealer.

Each wine zone is equipped with an activated charcoal filter of its own.

▶ Take the activated charcoal filter by the grip.
▶ Turn the activated charcoal filter through 90° to the right or left *Fig. 20 (1)*.
▶ Remove *Fig. 20 (2)* the activated charcoal filter.
▶ Insert the new activated charcoal filter with the grip in an upright position.
▶ Turn the new activated charcoal filter through 90° to the right or left *Fig. 20 (1)* until it snaps into place.

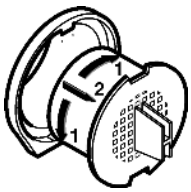


Fig. 20

6.2 Defrosting with NoFrost

The NoFrost system automatically defrosts the appliance.

Wine zone:

The defrost water evaporates due to the compressor heat. Drops of water on the rear wall are perfectly normal.

▶ Regularly clean the drain opening to allow the water to flow away. (see section on cleaning the appliance)
▶ Clean the rubber lip. (see section oncleaning the appliance)

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 appliance.

Before cleaning:

CAUTION
Risk of injury and damage as a result of hot steam!
Hot steam may damage the surfaces and cause burns.
▶ Do not use any steam cleaners!

ATTENTION
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 cleaning agents containing sand, chloride, chemicals 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.

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



- Use soft cleaning cloths and a multi-purpose cleaning agent with neutral pH value.
- Only use food compatible cleaning and care agents on the inside of the appliance.

Outside surfaces and interior:

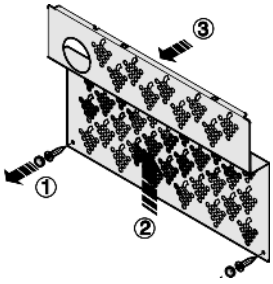
▶ Clean the glass door with a standard glass cleaning agent and a soft cloth.
▶ Clean the plastic surfaces, outside and inside, by hand using lukewarm water and a little washing-up liquid.

Clean stainless steel surfaces with a standard stainless steel cleaning agent. Darker areas at the beginning and quite an intensive colour of the stainless steel surface are normal.

▶ Do not apply cleaners to glass or plastic surfaces so as not to scratch them.
▶ To clean stainless steel surfaces: evenly apply an agent for care of stainless steel, wiping in the direction of the grain.

To clean the drain opening:

▶ remove the wooden grid shelves and detach the pull-out rails.
▶ Remove the caps and screws of the sheet covering and set them aside (1).
▶ Lift the sheet covering (2) and pull it forwards (3).
▶ To clean the drain opening: remove any deposits with a fine instrument, e.g. a cotton bud.



Items of equipment:

▶ Wipe wooden grid shelves with a dry, lint-free cloth.

Note
▶ Do not clean wooden grid shelves with water and washing-up liquid.

▶ Clean other items of equipment by hand with lukewarm water and a little washing-up liquid.

After cleaning:

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

6.4 Cleaning the IceMaker

The drawer of the IceMaker has to be emptied and slid in.

▶ To activate the setting mode: press the SuperFrost button *Fig. 3 (2)* for about 5 s.
▷ The display indicates **c**.
▷ The menu symbol *Fig. 3 (20)* shines.
▶ Using the Up setting button, freezer compartment *Fig. 3 (5)* or Down setting button, freezer compartment *Fig. 3 (4)* select **Ic**.
▶ To confirm: briefly press the SuperFrost button *Fig. 3 (2)*.

▶ Using the Up setting button, freezer compartment *Fig. 3 (5)*/ Down setting button, freezer compartment *Fig. 3 (4)* select **Ic**.



▶ To confirm: press the SuperFrost button *Fig. 3 (2)*.
▷ The IceMaker moves into the cleaning position and switches off.
▶ To deactivate the setting mode: press the On/Off button, freezer compartment *Fig. 3 (3)*.

-or-

▶ Wait for 2 minutes.

▷ The temperature is indicated again in the temperature display.
▶ Remove the drawer.
▶ Clean the ice cube tray and drawer with warm water. If necessary, use mild washing-up liquid. Then rinse.
▶ Slide in the drawer again.
If washing-up liquid was used:
▶ throw away the first three loads of ice cubes to get rid of any remaining washing-up liquid.

Either leave the IceMaker switched off in this position or switch the IceMaker on again (see the section on switching the IceMaker on).

6.5 Customer service

First check whether you can correct the fault yourself by reference to the list in the section on troubleshooting. If this is not the case, please contact the customer service whose address is given in the enclosed customer service list.

WARNING
Risk of injury if repair work is not carried out professionally!
▶ Have any repairs to and intervention in the appliance and mains power cable, which are not expressly mentioned in the section on maintenance, carried out by the customer service only.

▶ Read the appliance designation *Fig. 21 (1)*, service No. *Fig. 21 (2)* and serial No. *Fig. 21 (3)* off the type plate located inside the appliance on the left-hand side.

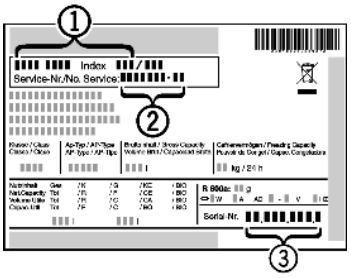


Fig. 21

▶ Notify the customer service, specifying the fault, appliance designation *Fig. 21 (1)*, service No. *Fig. 21 (2)* and serial No. *Fig. 21 (3)*.
▷ This will help us to provide you with a faster and more accurate service.
▶ Keep the appliance closed until the customer service arrives.
▷ The food will stay cool longer.
▶ Pull out the mains plug (not by pulling the connecting cable) or switch off the fuse.

7 Malfunction

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.

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.
▶ See section on range of appliance use

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

Vibratory noise
→ The appliance is not standing firmly on the floor. As a result, adjoining units or objects are set into vibration by the running refrigeration unit.
▶ Move the appliance away a little and align it using the 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.

Mould on the wine bottles
→ Similarly as with other forms of storage, a little mould may form depending on the type of adhesive used for the label.
▶ Remove residual adhesive.

The temperature display indicates: F0 to F9
→ There is a fault.
▶ Contact the customer service. See the section on maintenance.

The temperature display reads:FE
→ There is a fault.
▶ Contact the customer service. See the section on maintenance.

The temperature display indicates power failure. The warmest temperature reached during the power failure appears in the temperature display.
→ The freezer temperature rose too high over the last hours or days due to a power failure or power interruption. When the power interruption is over, the appliance will continue to operate in the last temperature setting.
▶ To cancel the display of the warmest temperature: press alarm button *Fig. 3 (1)*.
▶ Check the quality of the food. Do not consume spoiled food. Do not re-freeze thawed food.

DEMO shines in the temperature display.
→ The demo mode is activated.
▶ Contact the customer service. See the section on maintenance.

The outside 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. See also the section on connection.

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.

The temperature is not cold enough.
→ The door of the appliance is not properly closed.
▶ Close the door of the appliance.
→ Insufficient ventilation.
▶ Clear ventilation grilles.
→ The ambient temperature is too high.
▶ See section on operating conditions of the appliance.
→ The appliance was opened too frequently or for too long.
▶ Wait until the appliance reaches the required temperature itself. If not, contact the customer service. See the section on maintenance.
→ Too much fresh food was placed inside without SuperFrost.
▶ See section on SuperFrost.
→ The temperature is incorrectly set.
▶ Set to a colder temperature and check after 24 h.
→ The appliance is too close to a heat source.
▶ See the section on installation.

The interior light is not 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 LED interior lighting is faulty 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 due to laser radiation, class 1M.
▶ Do not look inside when the cover is open.

8 Decommissioning

8.1 Switching off the appliance

Note
▶ To switch off the entire appliance it is necessary only to switch off the freezer compartment.

8.1.1 Switching off the freezer compartment

▶ Press On/Off button, freezer compartment *Fig. 3 (3)* for about 2 s.
▷ The temperature displays are dark. The appliance is switched off.

8.1.2 Switching off the wine zone

▶ Press On/Off button, wine zone *Fig. 3 (14)* for about 2 s.
▷ the temperature display of the upper wine zone *Fig. 3 (8)* / temperature display of the lower wine zone *Fig. 3 (7)* is dark. The wine zone is switched off.

8.2 Taking the appliance out of service

▶ Empty the appliance.
▶ Pull out the power plug.
▶ Clean the appliance (see section on cleaning).



▶ Leave the door open to prevent odour.

9 Disposing of the appliance

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



When disposing of the appliance, ensure that the refrigeration circuit is not damaged to prevent uncontrolled escape of the refrigerant it contains (data on type plate) and oil.
▶ Disable the appliance.
▶ Pull out the plug.
▶ Cut through the connecting cable.

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