1 Appliance at a glance

1.1 Description of appliance and equipment

Note

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

1.2 Appliance range of use

The following applications are expressly forbidden:

- Storing and refrigerating medicines, blood plasma, laboratory preparations or similar substances and products based on the Medical Device Directive 2007/47/EC
- Use in areas at risk of explosions
General safety information

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

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

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

<table>
<thead>
<tr>
<th>Climate classification</th>
<th>For ambient temperatures</th>
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<tbody>
<tr>
<td>SN, N</td>
<td>to 32 °C</td>
</tr>
<tr>
<td>ST</td>
<td>to 38 °C</td>
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<td>T</td>
<td>to 43 °C</td>
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</table>

The appliance will work properly down to a lower ambient temperature of 5 °C.

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

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

1.5 External dimensions of the appliance

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

1.6 Saving energy
- Pay attention to good ventilation. Do not cover ventilation holes or grids.
- Do not install the appliance in direct sunlight, next to an oven, radiator or similar.
- Energy consumption is dependent on the installation conditions, e.g. ambient temperature (see 1.2). If the ambient temperature deviates from the standard temperature of 25 °C, the energy consumption may differ.
- Open the appliance for as short a time as possible.
- The lower the temperature is set the higher the energy consumption.
- Keep all food properly packed and covered. This prevents frost from forming.
- Inserting warm food: allow to cool down to room temperature first.

Dust deposits increase energy consumption:
- For refrigerators with heat exchangers dust the metal grid on the back of the appliance once a year.

2 General safety information

Danger for the user:
- This device can be used by children and people with impaired physical, sensory or mental abilities or with a lack of experience and knowledge provided that they are supervised or have received instruction in the safe use of this device, and about the resulting hazards. Children must not play with this appliance. Cleaning and user maintenance work must not be carried out by children without adult supervision. Children aged between 3 and 8 are allowed to load and unload the appliance. Children below the age of 3 must be kept away from the appliance unless they are under continuous adult supervision.
- When disconnecting the appliance from the supply, always take hold of the plug. Do not pull the cable.
- In the event of a fault pull out the mains plug or deactivate the fuse.
- Do not damage the mains power cable. Do not operate the appliance with a defective mains power cable.
- Repairs, interventions on the appliance and the replacement of mains connection line may only be carried out by After-Sales Service or other suitably trained specialist personnel.
- Only assemble, connect and dispose of the appliance according to the instructions.
- Please keep these instructions in a safe place and pass them on to any subsequent owners.

Fire hazard:
- Refrigerant R 600a is environmentally friendly, but flammable. Leaking refrigerant may ignite.

* Depending on model and options
• Do not damage the refrigerant circuit pipes.
• Do not use an open flame or other source of ignition inside the appliance.
• Do not use electrical appliances inside the appliance (e.g. steam cleaners, heaters, ice cream makers, etc.).
• If the refrigerant leaks: remove any naked flames or ignition sources from the vicinity of the leakage point. Properly air the room.
Inform customer services.
- Do not store explosives or sprays using combustible propellants such as butane, propane, pentane, etc. in the appliance. To identify these spray cans, look for the list of contents printed on the can, or a flame symbol. Gases possibly escaping may ignite due to electrical components.
- Keep burning candles, lamps and other items with naked flames away from the appliance so that they do not set the appliance on fire.
- Please be sure to store alcoholic drinks or other packaging containing alcohol in tightly closed containers. Any alcohol that leaks out may be ignited by electrical components.

Danger of tipping and falling:
- Do not misuse the plinth, drawers, doors etc. as a step or for support. This applies particularly to children.

Danger of food poisoning:
- Do not consume food which has been stored too long.

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

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

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

Symbols on the appliance:

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

Please observe the specific information in the other sections:

3 Controls and displays

3.1 Operating and control elements

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<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td></td>
</tr>
</tbody>
</table>

(1) Up setting button
(2) Down setting button
(3) Menu symbol
(4) Alarm symbol
(5) SuperFrost symbol
(6) Temperature display
(7) On/Off button
(8) SuperFrost button
(9) Alarm button
(10) Power failure symbol
(11) Child-proofing symbol

3.2 Temperature display

During normal operation, the display shows:
- the highest freezing temperature
The temperature display flashes if/when:
- You change the temperature setting
- The appliance is not cold enough after switching on
- The temperature rises by several degrees
Stripes flash in the display if/when:
- The freezer temperature exceeds 0 °C.
The following displays indicate a fault. Possible causes and solutions: (see 7).
- F0 to F9
- The power failure symbol flashes.

4 Putting into operation

4.1 Transporting the appliance

CAUTION
Risk of injury and danger of damage as a result of incorrect transport!
► Transport the appliance in a packed condition.
► Transport the appliance upright.
► Do not transport the appliance without assistance.

* Depending on model and options
4.2 Installing the appliance

**WARNING**
Fire hazard due to dampness!
If live parts or the mains lead become damp this may cause short circuits.
- The appliance is designed for use in enclosed areas. Do not operate the appliance outdoors or in areas where it is exposed to splash water or damp conditions.

**WARNING**
Risk of fire due to short circuit!
If the mains cable/connector of the appliance or of another appliance touch the rear of the appliance, the mains cable/connector may be damaged by the appliance vibrations, leading to a short circuit.
- Stand the appliance so that it is not touched by connectors or main cables.
- Do not plug the appliance or any others into sockets located near the rear of the appliance.

**WARNING**
Fire hazard due to refrigerant!
The refrigerant R 600a is environmentally friendly but flammable. Escaping refrigerant may ignite.
- Do not damage the piping of the refrigeration circuit.

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

**WARNING**
Blocked ventilation openings pose a risk of fire and damage!
- Always keep the ventilation openings clear. Always ensure that the appliance is properly ventilated!

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

- In the event that the appliance is damaged, contact the supplier immediately before connecting to the mains.
- The floor at the site must be flat and level.
- Do not install the appliance in a location where it is exposed to direct radiation of the sun, next to a cooker, heater and similar.
- The ideal installation site is a dry, well ventilated room.
- Always stand the appliance backed directly to the wall using the enclosed wall spacers (see below).
- The appliance may be moved only when it is empty.
- The surface supporting the appliance must be at the same level as the surrounding floor.
- Do not install the appliance without assistance.

- The more refrigerant R 600a there is in the appliance, the larger than room must be in which it is located. In rooms that are too small, a leak can produce a flammable gas/air mixture. According to the standard EN 378, per 11 g of refrigerant R 600a, the room where the appliance is installed must be at least 1 m³. The quantity of refrigerant used in your appliance is indicated on the type plate on the inside of the appliance.
- Detach the connecting cable from the rear of the appliance, removing the cable holder at the same time because otherwise there will be vibratory noise!
- Remove the protective film from the outside of the appliance.*

**NOTICE**
The stainless steel doors and stainless steel side panels are treated with a premium surface finish.

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

- Remove all transit supports.

The spacers supplied with some appliances must be used to achieve the stated energy consumption. These will extend the depth of the appliance by approx. 35 mm. The appliance is fully functional if the spacers are not used, but does have a slightly higher energy consumption.
- In the case of an appliance with enclosed wall spacers, mount the wall spacers on the back of the appliance at the top left and right.

- Dispose of packaging material (see 4.5).

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)

**Note**
- Clean the appliance (see 6.2).

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

* Depending on model and options
4.3 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
- Battery-powered screwdriver, if necessary
- Second person for fitting work, if needed

### 4.3.1 Detaching the door

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

2. Close the door.
3. Pull off the cover (10) forwards and upwards.
4. Lift off the cover (11).
5. Un螺丝 the upper turn hinge (12) (2x Torx® 25) (13) and lift it off.
6. Lift off the door and set it aside.

### 4.3.2 Changing the bearing parts

1. Lift out the bearing pin Fig. 5 (22) together with washer Fig. 5 (23) and adjustable-height foot* Fig. 5 (24).
2. Lift off the stopper Fig. 5 (21).
3. Unscrew Fig. 5 (26) the turn hinge Fig. 5 (25).
4. Unscrew Fig. 5 (29) the bearing element Fig. 5 (28), transfer it to the opposite location hole of the turn hinge and screw it firmly into place.
5. Carefully lift off the cover on the handle side Fig. 5 (27), undo the screw Fig. 5 (40) and transfer both to the opposite side.
6. Screw the turn hinge Fig. 5 (25) firmly into place on the new hinge side, possibly using a cordless screwdriver (with 4 Nm).
7. Re-insert the stopper Fig. 5 (21) into the other hole.
8. Re-insert the bearing pin Fig. 5 (22) together with the washer and adjustable-height foot*. In so doing, pay attention that the locating lug points backwards.

### 4.3.3 Transferring the handle

1. Transfer the spring clamp Fig. 6 (31): Depress the latch nose and pull the spring clamp off over it.
2. Slide the spring clamp into place on the new hinge side until it clicks into place.
4.3.4 Fitting the door

➤ Place the door from above onto the lower bearing pin Fig. 5 (22).
➤ Close the door.
➤ Insert the upper turn hinge (12) firmly into place (with 4 Nm)(2x Torx® 25) (13). Possibly make preliminary holes with a bradawl or use a cordless screwdriver.
➤ Snap the cover (10) and cover (11) into place at the opposite side.

4.3.5 Aligning the door

➤ Align the door to the appliance housing by way of the two oblong holes in the bottom turn hinge Fig. 5 (25). To do so, unscrew the middle screw.

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

4.4 Insertion into a row of kitchen units

<table>
<thead>
<tr>
<th>A [mm]</th>
<th>B [mm]</th>
<th>C [cm²]</th>
<th>D [mm]</th>
<th>E [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>623 x</td>
<td>65</td>
<td>min. 300</td>
<td>min. 50</td>
<td>min. 45</td>
</tr>
</tbody>
</table>

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

The appliance can be built into kitchen units. A top cupboard Fig. 8 (2) can be added above the appliance in order to bring the appliance Fig. 8 (1) up to the height of the fitted kitchen units.

The appliance can be installed right next to the kitchen cabinet Fig. 8 (3). The appliance must stick out by the depth Fig. 8 (B) from the front of the cabinet so that the doors can be opened fully. The appliance may protrude further depending on the depth of the kitchen cabinets and whether wall spacers are used.

Ventilation requirements:
- There must be a ventilation shaft with the depth Fig. 8 (D) at the back of the top cupboard over the entire width of the cupboard.
- The ventilation shaft Fig. 8 (C) must be observed under the ceiling.
- The larger the ventilation space, the more energy-saving the appliance is in operation.

If the appliance is installed with the hinges next to a wall Fig. 8 (4) the distance Fig. 8 (E) between the appliance and the wall must be observed. This is how far the handle protrudes when the door is open.

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
- expanded polystyrene parts
- polythene bags and sheets
- polypropylene straps
- nailed wooden frame with polyethylene panel

- Take the packaging material to an official collecting point.

4.6 Connecting the appliance

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

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

The type of current (alternating current) and voltage at the installation site have to conform with the data on the type plate (see 1).
The socket must be properly earthed and fused. The tripping current for the fuse must be between 10 A and 16 A.
The socket must be easily accessible so that the appliance can be quickly disconnected from the supply in an emergency. It must be outside the area of the rear of the appliance.
- Check the electrical connection.
- Plug in the power plug.

4.7 Switching on the appliance

Note
The manufacturer recommends:
- Store frozen produce at -18 °C or colder.
Switch on the appliance approx. 2 hours before loading for the first time.
- Press On/Off button Fig. 3 (7).
  ▶ The temperature display and the alarm symbol flash until the temperature is sufficiently low. If the temperature is above 0 °C, dashes flash. If it is below, the current temperature flashes.
  ▶ To cool the interior as quickly as possible when the appliance is first put into operation, the appliance runs at a high rate, i.e. compressor runs at higher speeds. Therefore the noise level is a little higher for a short time. Afterwards the appliance continues to operate quietly in the energy-saving, normal mode.
  ▶ If “DEMO” is displayed, demo mode is activated. Please contact the after sales service.

5 Control

5.1 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.

5.1.1 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 (8) for about 5 s.
  ▶ The display indicates c.
  ▶ The menu symbol Fig. 3 (3) shines.
- Using the Up setting button Fig. 3 (1) or Down setting button, Fig. 3 (2), select h.
  ▶ To confirm: briefly press the SuperFrost button Fig. 3 (8).
  ▶ To make the display brighter: press Up button Fig. 3 (1).
  ▶ To make the display darker: press Down button Fig. 3 (2).
  ▶ To confirm: press SuperFrost button Fig. 3 (8).
  ▶ The brightness is adjusted to the new value.
  ▶ To deactivate the set-up mode: press On/Off button Fig. 3 (7).
  - or -
  ▶ Wait for 5 minutes.
  ▶ The temperature is indicated again in the temperature display.

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

5.2.1 Setting the child lock function
- To activate the setting mode: press SuperFrost button Fig. 3 (8) for about 5 s.
  ▶ c flashes on the display.
  ▶ The menu symbol Fig. 3 (3) shines.
- Briefly press the SuperFrost button Fig. 3 (8) to confirm.
  When c1 is indicated in the display:
  - to activate the child lock, briefly press the SuperFrost button Fig. 3 (8).
  ▶ The child lock symbol Fig. 3 (11) shines. c flashes in the display.
  When c0 is indicated in the display:
  - to deactivate the child lock, briefly press the SuperFrost button Fig. 3 (8).
  ▶ The child lock symbol Fig. 3 (11) goes out. c flashes in the display.
- To deactivate the set-up mode: press On/Off button Fig. 3 (7).
  - or -
  ▶ Wait for 5 minutes.
  ▶ The temperature is indicated again in the temperature display.

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

5.3.1 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 (9).
  ▶ The door alarm is silenced.
Control

5.4 Temperature alarm

The audible alarm sounds if the freezer temperature is not cold enough.
The temperature display and the alarm symbol Fig. 3 (4) flash at the same time.

The cause of the temperature being too high may be:
- warm fresh food was placed inside
- too much warm ambient air flowed in when rearranging and removing food
- prolonged power outage
- the appliance is faulty

The audible alarm is automatically silenced, the alarm symbol Fig. 3 (4) goes out and the temperature display stops flashing when the temperature is sufficiently cold again.

If the alarm status persists: (see 7).

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

5.4.1 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 (9).
> The audible alarm is silenced.

5.5 Freezing food

The rating plate indicates the maximum quantity of fresh food you can freeze within 24 hours (see 1) under “Freezing capacity ... kg/24h”.

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

!! 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 Thawing food

- in the refrigerator compartment
- in a microwave oven
- in a conventional or fan oven
- at room temperature
> Remove only as much food as is required. Use thawed food as quickly as possible.
> Food once thawed should be re-frozen only in exceptional cases.

5.7 Setting the temperature

The appliance is pre-set for normal operation.
The temperature can be set between -14 °C and -28 °C, the recommended temperature is -18 °C.
> To set the temperature higher: press Up button Fig. 3 (1).
> To set the temperature lower: press Down button Fig. 3 (2).

- When the button is pressed the first time, the previous value is indicated in the temperature display.
- 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 approx. 5 seconds after the button is last pressed. The temperature gradually adjusts to the new value.

5.8 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.
You can freeze as many kilograms of fresh food within 24 hrs as is indicated on the type plate under “Freezing capacity ... kg/24 hrs”. This maximum freezing quantity can vary depending on model and climate class.

You have to activate SuperFrost in good time, depending on how much fresh food is to be frozen: about 6 hours before placing the food inside in case of small amounts and about 24 hours in advance in case of the maximum amount of food to be frozen.
Wrap produce and spread it out as far as possible. Do not allow produce to be frozen to touch produce that is already frozen to prevent the latter thawing.
You do not have to activate SuperFrost in the following cases:
- when placing frozen food in the freezer
- when freezing up to approx. 2 kg fresh food daily

5.8.1 Freezing with SuperFrost

> Briefly press the SuperFrost button Fig. 3 (8) once.
> The SuperFrost symbol Fig. 3 (5) shines.
> The freezing temperature drops, the appliance operates with the maximum cooling capacity.

For a smaller quantity of produce to be frozen:
> wait approx. 6 h.
> Place wrapped produce in the deep bottom drawers.

For the maximum quantity of produce to be frozen:
> wait approx. 24 h.
> Remove the deep bottom drawers and place produce directly on the bottom shelves.
> SuperFrost is automatically deactivated. Depending on the quantity placed inside, after 30 h at the earliest, 65 h at the latest.
> The SuperFrost symbol Fig. 3 (5) extinguishes once freezing is completed.
> Place produce in the drawers and push the latter back in again.
> The appliance continues to operate in the energy-saving, normal mode.

5.9 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!

* Depending on model and options
To store frozen food directly on the shelves: pull the drawer forwards and lift it out.

5.10 Shelves

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

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

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

5.12 Drawer for herbs and berries
In the drawer for herbs and berries you can 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.

5.12.1 Using the special drawer for herbs and berries
- Spread the items out loosely in the special drawer for herbs and berries.
- 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, spread them out loosely again.

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

5.13.1 Using cold storage accumulators
- Place the cold storage accumulators in the special drawer for herbs and berries to save space.
- Place the frozen cold storage accumulators on the frozen food in the upper front area of the freezer compartment.

6 Maintenance

6.1 Defrosting with NoFrost
The NoFrost system automatically defrosts the appliance. The moisture condenses on the evaporator, is periodically defrosted and evaporates.
- The appliance does not have to be manually defrosted.

6.2 Cleaning the appliance

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

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

- Empty appliance.
- Pull out the power plug.
- Clean plastic outer and inner surfaces with lukewarm water and a little washing-up liquid.
- Only use a soft clean cloth to wipe side walls with a paint finish. In the case of heavy soiling, use lukewarm water with neutral cleaning agent.
- Use only a soft clean cloth to wipe door surfaces with a paint finish. In the case of heavy soiling, use a little water or neutral cleaning agent. A micro-fibre cloth can be used optionally.*

Do not apply stainless steel cleaning agent to glass or plastic surfaces to prevent them from being scratched. Darker areas at the beginning and quite an intensive colour of the stainless steel surface are normal.*

* Depending on model and options
Malfunctions

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

Stainless steel care products attack these surfaces.

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

- Clean drawers by hand with lukewarm water and a little 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.
- Switch on SuperFrost (see 5.8).
- When the temperature is sufficiently cold:
  - Put the food back inside.

6.3 Customer service

First check whether you can correct the fault yourself by reference to the list (see 7). 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 and action - not expressly specified - on the appliance and mains cable carried out by service personnel only. (see 6)

- Read the appliance designation Fig. 9 (1), service No. Fig. 9 (2) and serial No. Fig. 9 (3) off the type plate located inside the appliance on the left-hand side.

- Notify the customer service, specifying the fault, appliance designation Fig. 9 (1), service No. Fig. 9 (2) and serial No. Fig. 9 (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 Malfunctions

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

Appliance does not work.
  → The appliance is not switched on.

Switch on the appliance.
  → The power plug is not properly inserted in the wall socket.
  → Check power plug.
  → The fuse of the wall socket is not in order.
  → Check fuse.

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

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

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

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

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

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

Vibration noises
  → The appliance is not standing firmly on the floor. As a result objects and adjacent units start to vibrate when the refrigerator is running.
  → Align the appliance using the adjustable feet.

The temperature display indicates: F0 to F9
  → There is a fault.
  → Please contact the after-sales service (see 6).

Power failure flashes in the temperature display. The highest temperature reached during power failure is indicated 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 (9).
  → 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.
  → Please contact the after-sales service (see 6).

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

* Depending on model and options
The temperature is not cold enough.
→ The door of the appliance is not properly closed.
  ▶ Close the door of the appliance.
→ Insufficient ventilation.
  ▶ Keep ventilation grille clear, and clean it.
→ The ambient temperature is too high.
  ▶ Solution: (see 1.2).
→ The appliance was opened too frequently or for too long.
  ▶ Wait to see whether the appliance reaches the required temperature by itself. If not, please contact the after sales service (see 6).
→ Too much fresh food was placed inside without SuperFrost.
  ▶ Solution: (see 5.8)
→ The temperature is incorrectly set.
  ▶ Set the temperature to a colder setting and check after 24 hours.
→ The appliance is too close to a source of heat (stove, heater etc).
  ▶ Change the position of the appliance or the source of heat.

Dashes (“- -”) are shown on the display.
→ The freezing temperature has risen above zero degrees because of a power cut or power interruption.
  ▶ See also "Power failure" and "

The door gasket is defective or should be replaced for other reasons.
→ In some units, the seal around the door can be replaced. You will not need any special tools to do this.
  ▶ Please contact the after-sales service (see 6).

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

8 Decommissioning

8.1 Switching off the appliance
  ▶ Press On/Off button Fig. 3 (7) for approx. 2 seconds.
  ▶ The temperature display is dark.
  ▶ If the appliance cannot be switched off, the child lock function is active (see 5.2).

8.2 Taking the appliance out of service
  ▶ Empty the appliance.
  ▶ Switch off the appliance (see 8).
  ▶ Remove mains connector.
  ▶ Clean the appliance (see 6.2).
  ▶ Leave the door open to prevent odour.

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

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

* Depending on model and options