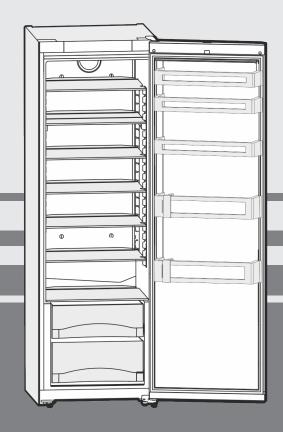
## **User Guide**

Refrigerator





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SK(ef) 4260



### Appliance at a glance

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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 are marked with a  $\triangleright$ , and results are marked with a  $\triangleright$ .

### 1 Appliance at a glance

# 1.1 Description of appliance and equipment

#### Note

- ▶ Place food inside the appliance as shown in the diagram. This allows the appliance to save energy during operation.
- Shelves, drawers and baskets are arranged for optimum energy efficiency on delivery.

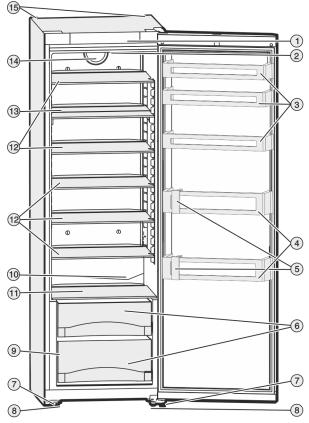


Fig. 1

- (1) Operating and control elements
- (2) Internal lighting
- (3) Can rack
- (4) Bottle shelf
- (5) Bottle rack
- (6) Vegetable compartment
- (7) Adjusting feet
- (8) Front transport handles, rear transport castors
- (9) Type plate
- (10) Defrost water channel
- (11) Coldest zone
- (12) Shelf
- (13) Shelf, can be split
- (14) Fan
- (15) Rear transport handles

### 1.2 Appliance range of use

#### Intended use

The appliance is only suitable for cooling food products in a domestic or household-like environment. This includes, for example, use:

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

The appliance is not suitable for freezing food;

The appliance is not suitable as a built-in unit.

All other types of use are not permitted.

#### Foreseeable misuse

The following applications are expressly forbidden:

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

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

#### Climate classifications

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

#### Note

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

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

### 1.3 Conformity

The refrigerant circuit has been tested for leaks. The appliance complies with the applicable safety regulations and with the corresponding directives.

marke	tne t:	EU	2014/53/EU.
For marke	the t:	GB	The appliance complies with Radio Equipment Regulations 2017 SI 2017 No. 1206

The full text of the EU Declaration of Conformity is available on the following website: www.Liebherr.com

# 1.4 External dimensions of the appliance

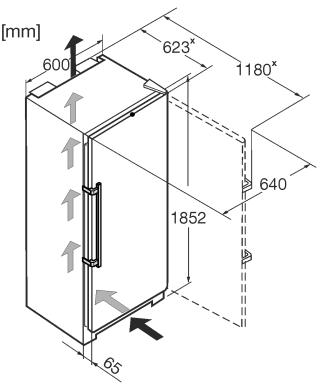


Fig. 2

### 1.5 Saving energy

- Pay attention to good ventilation. Do not cover ventilation holes or grids.
- Always keep the fan air slits clear.
- Do not install the appliance in direct sunlight, next to an oven, radiator or similar.
- Energy consumption depends on the installation conditions, e.g. the ambient temperature (see 1.2 Appliance range of use). A warmer ambient temperature can increase the energy consumption.
- Open the appliance for as short a time as possible.
- The lower the temperature is set the higher the energy consumption.
- Sort your food: home.liebherr.com/food.
- Keep all food properly packed and covered. This prevents frost from forming.
- Only take food out for as long as necessary so that it doesn't warm up too much.
- Inserting warm food: allow to cool down to room temperature first.

Dust deposits increase energy consumption:

 For refrigerators with heat exchangers dust the metal grid on the back of the appliance once a year.



<sup>&</sup>lt;sup>x</sup> For appliances supplied with wall spacers, the measurement increases by 35 mm (see 4.2 Installing the appliance).

### 1.6 Example of food arrangement

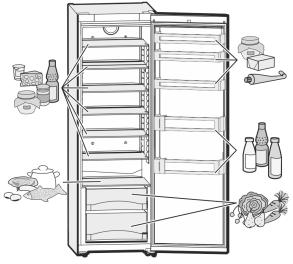


Fig. 3

### 2 General safety instructions

Please keep these instructions in a safe place and pass them on to any subsequent owners. Read these operating instructions carefully before use to ensure safe and correct use of the appliance. Follow the instructions, safety instructions and warning messages included at all times. They are important for ensuring you can operate and install the appliance safely and without any problems.

### 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.
- The socket must be easily accessible so that the appliance can be disconnected quickly from the electricity in an emergency. It must not be located in the area behind the appliance.
- 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.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Repairs, interventions on the appliance and the replacement of mains connection line may only be carried out by AfterSales Service or other suitably trained specialist personnel.
- Only assemble, connect and dispose of the appliance according to the instructions.
- Special lights, such as LED lights on the appliance, are used to illuminate the interior of the appliance and are not suitable for room lighting.

#### Fire hazard:

- This appliance contains a refrigerant which is environmentally friendly, but flammable. Leaking refrigerant may ignite. It is hazardous for anyone other than an Authorised Service Person to service this appliance. In Queensland, the authorised Service Person MUST hold a Gas Work Authorisation for hydrocarbon refrigerants, to carry out Servicing or repairs where the gas system is being opened or charged.
- The coolant used (information on the model plate) is ecofriendly but also flammable. Any leaking coolant may ignite.
  - Do not damage the refrigerant circuit pipes.
- Do not handle ignition sources 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.

- WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- WARNING: Do not damage the refrigerant circuit.
- 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 prolonged skin contact with cold surfaces or refrigerated/frozen goods or take protective measures, 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.

#### **Risk of crushing:**

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

#### Symbols on the appliance:



This symbol may be located on the compressor. It relates to the oil in the compressor and makes reference to the risk that: Swallowing or inhaling can be fatal. This advice is only relevant to recycling. There is no danger in normal operation.



This symbol is located on the compressor and indicates the danger of flammable materials. Do not remove the sticker.



This or a similar sticker may be located on the rear of the appliance. It refers to the foam-padded panels in the door and/or the housing. This advice is only relevant to recycling. Do not remove the sticker.

# Please note the warning messages and other specific advice in the other chapters:

<u> </u>	DANGER	indicates an immediately hazardous situation which will lead to death or serious injuries if it is not avoided.
<u> </u>	WARNING	indicates a hazardous situation which may lead to death or serious injuries if it is not avoided.
<u> </u>	CAUTION	indicates a hazardous situation which may lead to minor or moderate injuries if it is not avoided.
	NOTICE	indicates a hazardous situation which may lead to damage to property if it is not avoided.
	Note	indicates useful instructions and tips.

### 3 Controls and displays

### 4 Putting into operation

### 4.1 Transporting the appliance

- ► Transport the appliance only in suitable packaging.
- ► Transport the appliance upright.
- ▶ Do not transport the appliance on your own.

### 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

Danger of fire due to incorrect positioning!

If the mains cable or plug touches the back of the appliance, the vibration can damage the mains cable or the plug resulting in a short circuit.

- ► Make sure the mains cable is not trapped under the appliance when you position the appliance.
- ► Stand the appliance so that it is not touched by connectors or main cables.
- Do not connect any appliances to sockets in the area of the back of the appliance.
- ▶ Do **not** place and operate multi-sockets/power distributors and other electronic devices (such as halogen transformers) at the back of the appliances.

### **Putting into operation**



#### WARNING

Leaking coolant and oil!

Fire. The coolant contained in the appliance is eco-friendly, but also flammable. The oil contained in the appliance is flammable. Escaping coolant and oil can ignite if the concentration is high enough and in contact with an external heat source.

▶ Do not damage the pipelines of the coolant circuit and the compressor.



#### **WARNING**

Fire hazard and danger of damage!

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

#### NOTICE

Covered vents!

Damage. Appliance can overheat, which can reduce the service life of various parts of the appliance and lead to operational impairments.

- Always make sure there is good ventilation.
- ► Always keep vents or ventilation grids in the appliance housing and in the kitchen furniture (fully integrated appliance) unobstructed.
- ► Always keep the fan air vents unobstructed.

If your appliance is not a side-by-side (SBS) appliance:\*

#### NOTICE

Risk of damage due to condensate!\*

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

#### Note

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

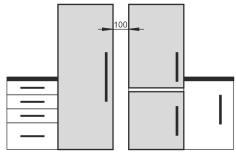


Fig. 4 \*

- ☐ Before you connect the appliance, report any damage immediately to the delivery company.
- The floor of the installation site must be horizontal and even.
- ☐ Do not install the appliance in direct sunlight, next to an oven, radiator or similar.
- ☐ Install the appliance with the rear panel up against the wall and always use the supplied wall spacers (see below).
- $\Box$  Only ever move the appliance when it is empty.
- ☐ The surface supporting the appliance must be at the same level as the surrounding floor.

- ☐ Do not install the appliance on your own.
- ☐ The more coolant there is in the appliance, the larger the room in which the appliance is installed must be. If the room is too small, any leak may create a flammable mixture of gas and air. For each 8 g of coolant the installation space must be at least 1 m³. Information on the coolant is on the model plate inside the appliance.
- ▶ Detach the connecting cable from the rear of the appliance, removing the cable holder at the same time because otherwise there will be vibratory noise!
- Remove the protective film from the outside of the appliance

#### **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.

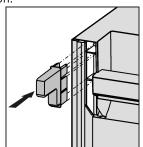
Stainless steel care products attack these surfaces.



- ▶ 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
- ▶ Remove the protective film from the decorative trims.
- ► 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 4.3 Disposing of packaging).



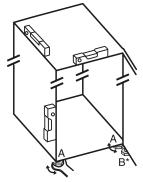
#### CAUTION

Risk of injury or damage from the appliance tipping or the door falling open!

If the additional adjustable foot on the base support is not correctly positioned on the floor, there is a risk of the door falling open or the appliance tipping. This can lead to injury or property damage.

- ▶ Unscrew the additional adjustable foot on the support until it reaches the floor.
- ► Then turn it another 90°.

- ► 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 fridgefreezer installation instructions. (Accessories bag of the SBS freezer/appliance with freezer compartment)\*

#### Note

► Clean the appliance .

If the appliance is installed in a very damp environment, condensate may form on the outside of the appliance.

► Always see to good ventilation at the installation site.

### 4.3 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.

### **5** Control

#### 5.1 Door alarm

For the fridge compartment

An audible warning sounds if the door is open for longer than 60 seconds.

The audible warning stops automatically when the door is closed.



#### 5.2 SuperCool

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



When SuperCool is activated, the fan\* may run. The appliance operates with maximum cooling performance, which means that the noise of the refrigeration unit may be temporarily louder.

The SuperCool function uses slightly more energy.

#### 5.2.1 Switching on SuperCool

▶ Briefly press SuperCool button ().

- The SuperCool () symbol lights up in the display.
- > The cooling temperature drops to the lowest setting.
- SuperCool is on.
- SuperCool turns off automatically. The appliance continues in energy-saving Normal mode.

#### 5.2.2 To prematurely deactivate SuperCool

- ▶ Briefly press SuperCool button ().
- The SuperCool symbol ∅ goes out in the display.
- > SuperCool is deactivated.

### 5.3 Switching on the fan

- ▶ Briefly press the fan button ().
- $\triangleright$  The fan symbol () shines.
- ▶ The fan is active. In some appliances, the fan is only activated when the compressor is running.

#### 5.4 To switch off the fan

- ▶ Briefly press the fan button ().
- $\triangleright$  The fan symbol  $\emptyset$  goes out.
- > The fan is switched off.

#### 5.5 Door racks

#### 5.5.1 Moving the storage rack

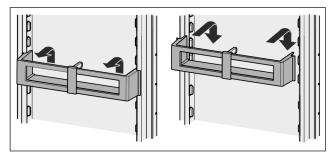


Fig. 5

### 5.5.2 Dismantling door racks

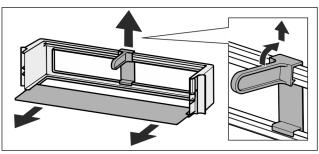


Fig. 6

► The door racks can be dismantled for cleaning.

### 5.6 Vegetable bins

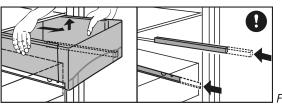


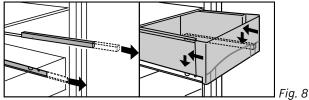
Fig. 7

To remove the vegetable bins:

pull the vegetable bin all the way out and tilt it forwards a little.

### **Maintenance**

- ▷ In the case of the bottom drawer, the drawer locking device is additionally released and the vegetable bin can be removed.
- ▶ Push the projecting telescopic slides back in.



To insert the vegetable bins:

- ▶ place the vegetable bin on the telescopic slides and push to the rear, exerting slight pressure.
- ▷ In the case of the bottom drawer, the drawer locking device additionally engages and the vegetable drawer sits firmly on the telescopic slides.

### 6 Maintenance

### 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:

Defect	Cause	Remedy
Appliance does not	→ The appliance is not switched on.	► Switching on the appliance.
work.	→ 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 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 SuperCool function is activated, fresh food has just been placed in the appliance or the door has been left open for a while.	▶ The sound is normal.
	→ The ambient temperature is too high.	► Solution: (see 1.2 Appliance range of use)
A low hum.	→ The sound is produced by air flow noise of the fan.	► The sound is normal.
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.	

Defect	Cause	Remedy
The temperature display indicates: FO to F9	→ There is a fault.	▶ Please contact the after-sales service (see 6 Maintenance).
DEMO shines in the temperature display.	→ The demo mode is activated.	▶ Please contact the after-sales service (see 6 Maintenance).
The outer surfaces of the appliance are warm*.	→ The heat of the refrigeration circuit is used to prevent condensate from forming.	► This is normal.
The 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 Appliance range of use) .
	→ 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 Maintenance).
	→ The temperature is incorrectly set.	► Set the temperature to a colder setting and check after 24 hours.
	→ The appliance is too close to a source of heat (stove, heater etc).	► Change the position of the appliance or the source of heat.
The internal light	→ The appliance is not switched on.	► Switch the appliance on.
does not come on.	→ The door was open for longer than 15 minutes.	▶ The internal light switches itself off automatically after about 15 minutes if the door is open.
	→ The LED illumination is faulty or the cover is damaged:	WARNING Risk of injury due to electric shock! There are live electrical parts under the cover.  ▶ Only ever have the inside LED light replaced or repaired by customer service or trained personnel.  WARNING Risk of injury from LED bulb! The light intensity of the LED light corresponds to hazard group RG 2. If the cover is defective:  ▶ Do not look directly into the light from close range. It cause injury to the eyes.
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 Maintenance).
The unit has iced up or condensation has formed.	→ The door seal may have also slipped out of its groove.	► Check to ensure that the door seal is seated properly in the groove.

## 8 Decommissioning

### 8.1 Taking the appliance out of service

- Empty the appliance.Switch off the appliance (see 8 Decommissioning) .
- ► Remove mains connector.
- ► Clean the appliance .



► Leave the door open to prevent odour.

## 9 Disposal

### 9.1 Preparing appliance for disposal



Liebherr uses batteries in some of its appliances. In the EU, for environmental reasons, legislation obliges the end user to remove these batteries before disposing of old appliances. If your appliance contains batteries, a corresponding notice is attached.

Lamps

If you can remove the lamps yourself without destroying them, also remove these before disposal.

- ▶ Take the appliance out of operation. (see 8.1 Taking the appliance out of service)
- Appliances with batteries: remove the batteries. For description, see Maintenance chapter.
- ▶ If possible: remove lamps without destroying them.

### 9.2 Disposing of the appliance in an environmentally friendly manner



The appliance still contains valuable materials and must be disposed of separately from unsorted municipal waste.





Dispose of batteries separately from the old appliance. To do this, you can return the batteries free of charge to retailers as well as recycling centres and collection centres for recyclable materials.

Lamps

Dispose of removed lamps via the respective collection systems.



#### WARNING

Leaking coolant and oil!

Fire. The coolant contained in the appliance is eco-friendly, but also flammable. The oil contained in the appliance is flammable. Escaping coolant and oil can ignite if the concentration is high enough and in contact with an external heat source.

- ▶ Do not damage the pipelines of the coolant circuit and the compressor.
- ▶ Transport the appliance without damaging it.
- Dispose of batteries, lamps and the appliance according to the above specifications.





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