

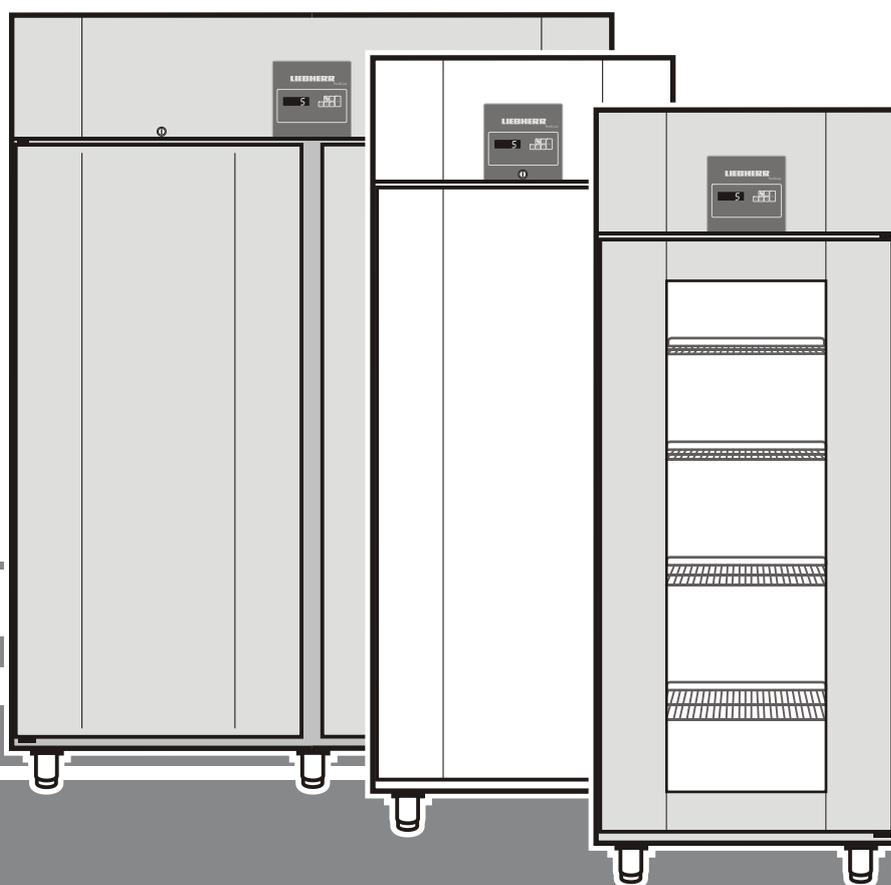
Operating instructions

Commercial refrigerator

Read the operating instructions before switching on for the first time

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GB



7082 393-01

GKPv / BKPv 511

LIEBHERR

Disposal notes

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.

! WARNING

Danger of suffocation due to packing material and plastic film! Do not allow children to play with packing material. Take the packing material to an official collecting point.

Range of appliance use

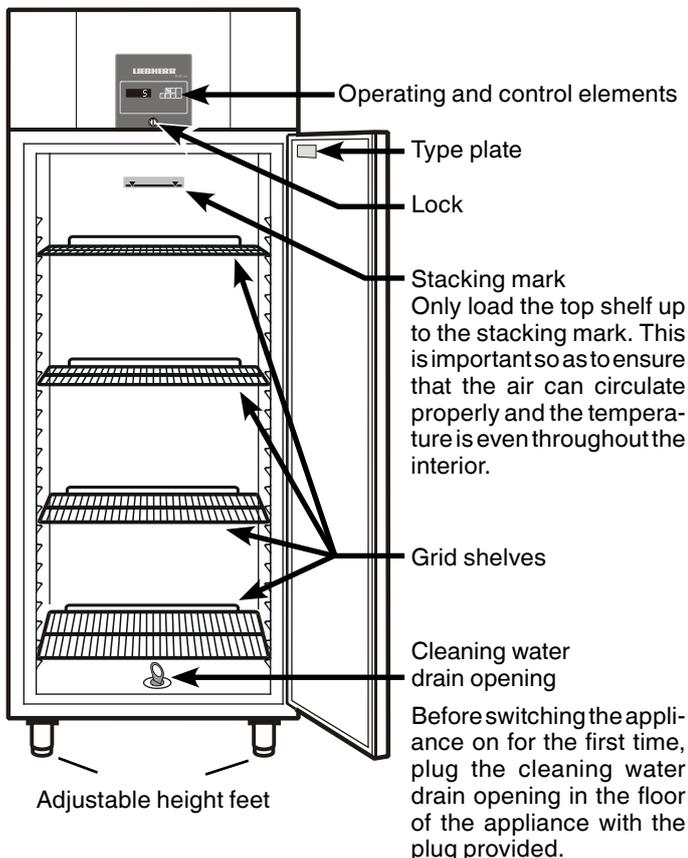
The appliance is suited only for cooling food. In the case of commercial food cooling, the pertinent statutory regulations have to be observed.

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.

Description of appliance and equipment



Safety instructions and warnings

- To prevent injury or damage to the unit, the appliance should be unpacked and set up by two people.
- In the event that the appliance is damaged on delivery, contact the supplier immediately before connecting to the mains.
- To guarantee safe operation, ensure that the appliance is set up and connected as described in these operating instructions.
- Disconnect the appliance from the mains if any fault occurs. Pull out the plug, switch off or remove the fuse.
- When disconnecting the appliance, pull on the plug, not on the cable.
- Any repairs and work on the appliance should only be carried out by the customer service department, as unauthorised work could prove highly dangerous for the user. The same applies to changing the mains power cable.
- Do not allow naked flames or ignition sources to enter the appliance. When transporting and cleaning the appliance ensure that the refrigerant circuit is not damaged. In the event of damage, make sure that there are no ignition sources nearby and keep the room well ventilated.
- Do not stand on the plinth, drawers or doors or use them to support anything else.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge unless they have been given initial supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- Avoid prolonged skin contact with cold surfaces or chilled/frozen food. This could cause pain, numbness and frostbite. In the case of prolonged skin contact, protective measures should be taken, e.g. gloves should be worn.
- Do not consume food which has been stored for too long, as it could cause food poisoning.
- Do not store explosives or sprays using combustible propellants such as butane, propane, pentane etc. in the appliance. Electrical components might cause leaking gas to ignite. You may identify such sprays by the printed contents or a flame symbol.
- Do not use electrical appliances inside the appliance.
- If you have a lockable appliance, do not keep the key near the appliance or within reach of children.
- 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.

Climate rating

The appliance is set to operate within specific ambient temperature limits according to its climate rating. These temperature limits should not be exceeded. The correct climate rating for your appliance is indicated on the type plate.

Climate rating	Ambient temperatures
SN (4)	+10°C to +32°C
N (4)	+16°C to +32°C
ST (5)	+16°C to +38°C
T (5)	+16°C to +43°C

Setting up

- Avoid positioning the appliance in direct sunlight or near cookers, radiators and similar sources of heat.
- The floor on which the appliance stands should be horizontal and level.
- There must be a gap of at least 30 cm between the upper edge of the appliance and the ceiling. Always ensure that there is good ventilation and that the outward flowing air is able to escape.
- Standard EN 378 specifies that the room in which you install your appliance must have a volume of 1 m³ per 8 g of R 290 refrigerant used in the appliance, so as to avoid the formation of inflammable gas/air mixtures in the room where the appliance is located in the event of a leak in the refrigerant circuit. The quantity of refrigerant used in your appliance is indicated on the type plate on the inside of the appliance.

Connecting to the mains

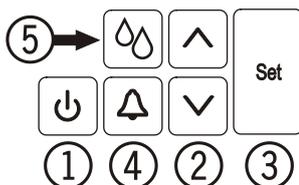
Power supply (a.c.) and voltage at the operating point must comply with the details on the type plate. The socket must be fused with a 10 A fuse or higher, it must be away from the rear of the appliance and must be easily accessible.

Connect the appliance with a properly earthed fused plug and socket only.

Dimensions (mm)	Height	Width	Depth
GKpv / BKPv 65..	2150	700	830
GKpv / BKPv 84..	2150	840	980
GKpv 14..	2150	1430	830

Operating and control elements

- ① ON/OFF button (to switch the appliance on and off)
- ② Temperature setting buttons
- ③ Set button (Enter)
- ④ Audible warning on/off button
- ⑤ Humidity function
- ⑥ Temperature display



Control elements

- Compressor is running
- LED flashing - refrigeration unit switches on after a delay. The compressor will start automatically after the pressure in the refrigerant circuit has equalised.
- Fan is running
- Appliance is defrosting
- Alarm function
- If appears in the display, the appliance has a fault. Consult your nearest customer service point.

Switching the appliance on and off

- Connect the appliance to the mains - the display reads **OFF**.

To switch the appliance on: Press the **ON/OFF** button for approx. 5 seconds so that the temperature display lights up.



To switch the appliance off: Keep the **ON/OFF** button pressed for approx. 3 seconds - the display reads **OFF**.

Setting the temperature

- Press button for 1 sec. The temperature display flashes.
- To increase the temperature (warmer): press button .
- To reduce the temperature (colder): press button .
- Press button again.

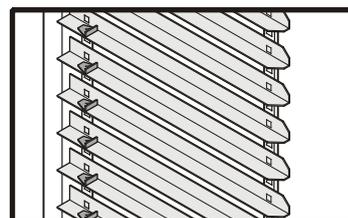
The desired temperature setting is saved.

Cooling

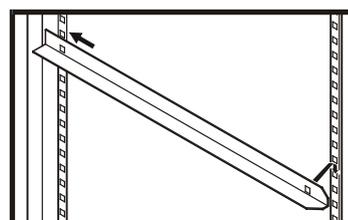
This appliance can be used for chilling all types of drinks and food. The grid shelves can be moved to accommodate different height bottles or packages. Instead of the shelves, standard gastronomic trays can also be inserted in the shelf rails.

Always make sure food containing acetic acid or mayonnaise is stored in the refrigerator in sealed containers, as the evaporator can become damaged if exposed to the acid for any length of time.

The BKPv series is equipped with L-shaped shelf rails to accommodate baking trays.



Depending on the height of the goods to be stored, you can adjust the position of the shelf rails in intervals of 27.5 mm.



First slide rails into the rear clip-in strip at the desired height and then hang in position at the front.

Humidity function

Certain foods must be stored in a humid atmosphere (e.g. baked goods). To prevent such foods from drying out, the humidity function must be activated.



- Press button  for 2 seconds.

Use buttons  and  to select the desired humidity setting (high, medium, low).

 = high

 = medium

 = low

- Press button .

Audible warning signal

- This sounds when the door has been left open for longer than 240 seconds. The audible warning signal is switched off by pressing the **Alarm** button.



- It sounds when the interior gets too warm or too cold. The temperature display will also flash. The audible warning signal is switched off by pressing the **Alarm** button.

LED  on constantly. An error code (E0, E1, LO, HI, EE) will appear in the display at the same time. Consult your nearest customer service point.

If too large quantities of warm food are put in the appliance at the same time or the door is left open for a long time, the temperature will increase and LED  will light up (the display will read HI). **This does not mean that the appliance is faulty.**

Check the display again after a few hours. If it is still indicating an alarm, contact your customer service department.

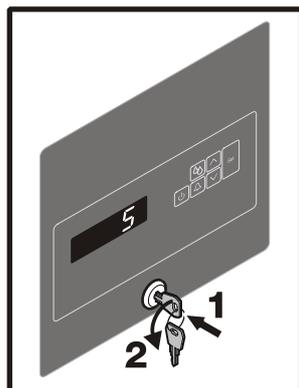
Safety lock

The lock is equipped with a safety mechanism.

Locking the appliance:

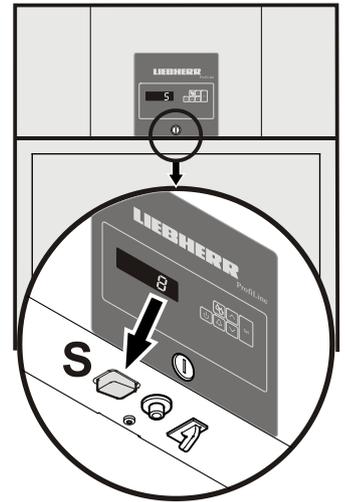
- Insert the key as shown by arrow 1.
- Turn the key 90°.

To unlock the appliance, the same procedure must be repeated in the same order.



Interior light in appliances with glass door

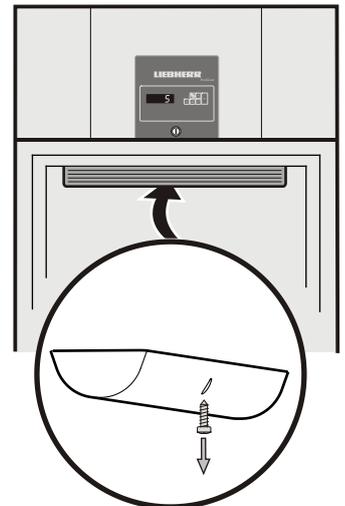
The interior light is fitted on the inside at the top. It can be switched on and off by pressing the switch **S**.



To change the tube:

Pull out the mains plug or remove/unscrew the fuse.

- Undo the screw on the back of the light cover.
- Detach the cover at the back and remove.
- Change the fluorescent tube.
- Insert the cover at the front and click into place at the back.
- Screw the screw into the cover.



Defrosting

The appliance defrosts automatically. The defrost water drains into an evaporation tray in the compressor compartment, where the heat from the compressor causes it to evaporate.

Activating the defrost function manually

If the door has been left slightly open for a long time, a layer of ice may form in the interior and on the cooling plate. The defrost function can then be activated manually.

- Press button  for 5 seconds.

• The LED  will come on.

Once the appliance is defrosted, it will switch back to normal operating mode automatically.

Cleaning

Before cleaning always switch off the appliance. Pull out the mains plug or remove/unscrew the fuse.

- Empty the appliance and store the food in a cool place.
- Clean the inside and equipment with lukewarm water and a little detergent. Do not use abrasive or acid cleaners or chemical solvents.
- Ensure that no cleaning water penetrates into the electrical components or ventilation grille.
- Dry all parts well with a cloth.

Do not use steam cleaners because of the risk of injury and damage.

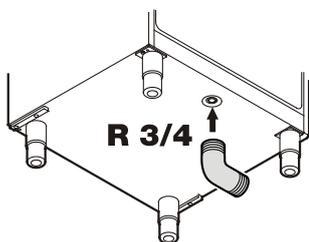
- Use a commercially available stainless-steel cleaning agent for **stainless-steel appliances**.
- In order to achieve best possible protection, apply a stainless-steel care agent uniformly in grinding direction after cleaning.
- Do not use abrasive sponges or scourers, do not use concentrated cleaning agents and never use cleaning agents containing sand, chloride or acid or chemical solvents, as these would damage the surfaces and could cause corrosion.

Cleaning water drain opening

A drain hose with an R 3/4 connection can be fitted to the underside of the appliance.

The water which collects in the interior during cleaning can be drained off in this way.

An angled connector is supplied with the device.

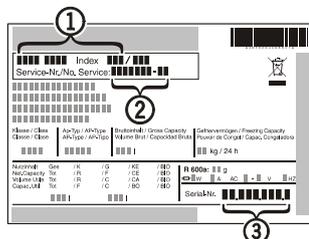


Malfunctions

You may be able to rectify the following faults by checking the possible causes yourself:

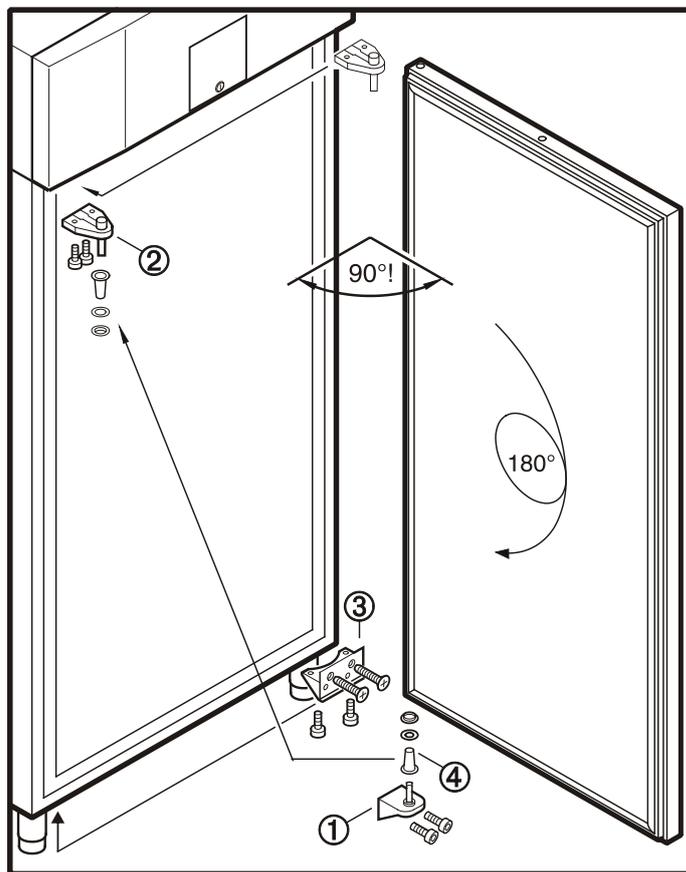
- **Appliance does not function:**
 - Is the appliance switched on?
 - Is the plug correctly fitted in the mains socket?
 - Is the socket fuse intact?
- **The temperature is not low enough:**
 - Is the temperature setting correct (see **Setting the temperature**)?
 - Have excessive amounts of fresh food been placed in the appliance?
 - Does the separately installed thermometer show the correct reading?
 - Is the ventilation system working properly?
 - Is the appliance set up too close to a heat source?

If none of the above causes apply and you cannot rectify the fault yourself, contact the nearest customer service department stating the type designation **1**, service number **2** and appliance number **3** as indicated on the type plate.



Changing over door hinges

- **Open door by about 90°.**
- Remove hinge bracket **1**.
- Pull the door out at the bottom and lift off.
- Unscrew top hinge bracket **2** and attach on the other side.
- Unscrew base mounting bracket **3** and attach on the other side.
- Take plastic hinge bushing **4** off hinge bracket **1** and place on top square pin.
- Rotate door by 180°.
- **Keeping door open at 90°**, suspend in top square pin.
- Insert hinge bracket **1** in lower door mounting and screw to base mounting bracket **3**.



Shutting your appliance down

If your appliance is to be shut down for any length of time, switch it off and disconnect the plug or switch off or remove the fuse. Clean the appliance and leave the door open in order to prevent unpleasant smells.

The appliance complies with the relevant safety regulations and EC directives 2004/108/EC and 2006/95/EC.

All types and models are subject to continuous improvement and the manufacturer therefore reserves the right to make modifications to the shape, equipment and technology.