

**Appliance documentation for drinks refrigerators with explosion-proof interior container FKEX 1800, FKEX 2600, FKEX 3600, FKEX 5000**



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## 2.0. Extract from Operating Instructions

### Disposal notes

The packaging is made of recyclable materials.

- Corrugated board/board
- EPS moulded parts
- Polythene sheets
- Polypropylene straps
- Please return the packaging material to an official collection point.
- Do not dispose of discarded appliances with bulk refuse.
- Disable discarded appliances by removing the plug and cutting through the connection cable. Render the catch unusable so that children cannot become trapped inside.
- Ensure that the refrigerant circuit is not damaged when the appliance that is no longer needed is taken away for disposal.
- Details of the refrigerant used can be found on the type plate.
- Information on collection dates or collection points can be obtained from the waste disposal authorities or local council.

### 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 stand on the plinth, drawers or doors or use them to support anything else.
- Do not let children play with the appliance, e.g. do not allow them to sit in the drawers or swing on the doors.
- Do not consume food which has been stored for too long, as it could cause food poisoning.
- If you have a lockable appliance, do not keep the key near the appliance or within reach of children.
- 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 use electrical appliances inside the appliance.

#### INNENRAUM EXPLOSIONSGESCHÜTZT!



II 3 G

EEx nA II T6

SNCH 03 ATEX 3500 X

Innentemperaturbereich: +2 bis +10°C

#### EXPLOSION - PROOF INTERIOR !



II 3 G

EEx nA II T6

SNCH 03 ATEX 3500 X

Interior temperature range: +2 up to +10°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. Compensate for uneven floors with the adjustable feet.
- 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 m<sup>3</sup> per 8 g of R 600a 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, which is located in the refrigerator compartment on the left-hand side. 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.

The wires in the mains lead are coloured in accordance with the following code: green/yellow = earth, blue = neutral, brown = live. **Warning! This appliance must be earthed.**

### Dimensions

Gross capacity (see type plate)	Height	Width	Depth
FKS/UKS 180 l (174 l)	850/884	602	600
FKS/UKS 260 l (252 l)	1215	602	600
FKS/UKS 360 l (352 l)	1589	602	600
FKS/UKS 500 l (491 l)	1515	752	715

### Switching the appliance on and off

You are recommended to clean the appliance before switching it on for the first time (see "Cleaning"). The appliance is delivered ready for use and wired for normal operation. When it is connected up (plugged into an approved wall socket) the appliance is ready for operation.

**To switch the appliance off:** pull out the mains plug or remove/unscrew the fuse.

### Setting the temperature

Using a coin, turn the arrow on the temperature control to a setting between "1" und "7".

Setting "1" = highest temperature

Setting "7" = lowest temperature

### Cooling

This appliance is suitable for cooling flammable substances. The shelves can be moved to accommodate different height bottles or packages.

The ventilation slots on appliances with recirculated air fans on the inside must not be covered.

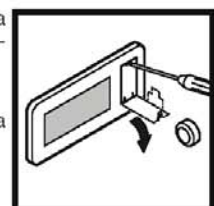
**This commercial appliance is suitable for almost universal use.**

### Temperature display

The temperature display is powered by a battery which is available from your specialist dealer.

#### Changing the battery

- Open the battery compartment using a small screwdriver.
- Replace the battery.
- Close the battery compartment.





### 3.0. The appliance at a glance



### 4.0. The functions at a glance

(**X** = included, **o** = not included)

Control:	<b>X</b>	Thermostat
Temperature range:	<b>X</b>	+2°C to +10°C
Temperature display:	<b>o</b>	
Temperature alarm:	<b>o</b>	
Door alarm:	<b>o</b>	
Fan:	<b>o</b>	
Interior light:	<b>o</b>	
Climate rating:	<b>X</b>	SN (+10°C to +32°C)

### 5.0. Description of the appliance (in brief)

These models work in the same way as the standard FKS models, i.e. the heat is extracted from the interior by means of the freely suspended rear wall evaporator.

Refrigeration takes place statically. There is therefore no fan inside the appliance.

#### These appliances differ from the basic model as follows:

- Defrost water drain sealed  
The defrost water is collected in a collection tray inside the appliance. This must be emptied regularly.
- Glass shelves instead of grid shelves (safety glass, each shelf withstands weights of up to 40 kg)
- Labels inside the appliance and on the outside of the door indicate that the appliance is explosion-proof.
- The operating instructions have been amended to comply with the EU directives.

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## 6.0. Controls and functional parts

Thermostat: Controls the temperature as a function of the evaporator temperature  
Position: in the cover panel

Defrosting: Automatic – collection tray must be emptied regularly!

## 7.0. Refrigeration technology

Evaporator: Plate evaporator

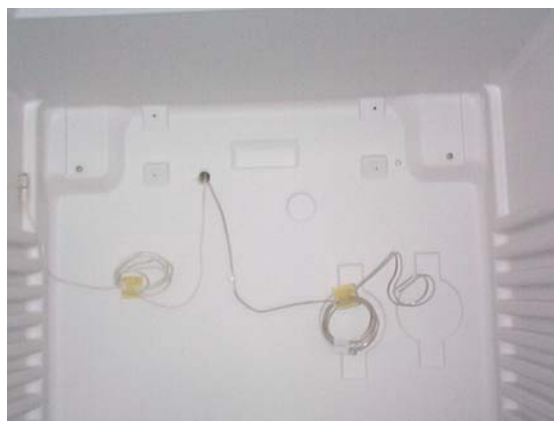
Compressor: Standard

Refrigerant: R600a

## 8.0. Replacing the thermostat



Loosen the four screws and detach the evaporator so that the capillary tube is freely accessible.



Remove capillary tube from mounting and pull through opening.



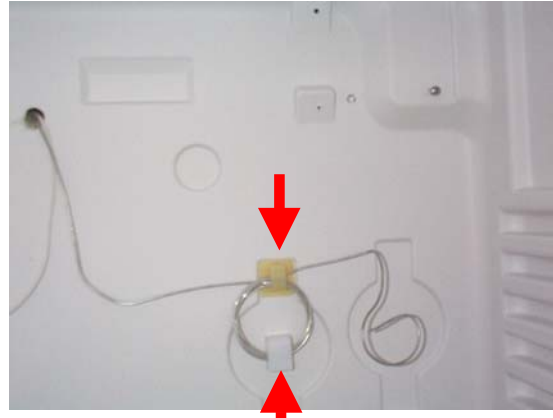
Carefully lift off plunger to the front using a knife or similar.  
Remove operating panel foil.  
NB: SCHEMATIC ILLUSTRATION!



After removing the film the thermometer and thermostat mountings become accessible.  
Detach thermostat housing.



Detach thermostat from mounting and remove by pulling to the front.  
Re-assemble in the reverse order.  
Re-apply Terostat (= sealant) to the cable opening.



The capillary tube must be properly secured in its mounting.

## 9.0. Technical data

Thermostat:  
Part no. 6151 995

COLD off:  $-14^{\circ}\text{C} \pm 2.8^{\circ}\text{C}$   
COLD on:  $+2^{\circ}\text{C} \pm 1.8^{\circ}\text{C}$   
WARM off:  
WARM on:  $+14^{\circ}\text{C} \pm 2.5^{\circ}\text{C}$