

# INSTRUCTIONS FOR USE

For cooling units:

DKB-MU / DKB-MU 50R

and cooling cabinets:

DKB-2 / DKB-4 / DKB-6 / DKB-8 / DKB-10

and their variants

## **BEFORE PUTTING INTO USE!**

**For safety and long-term operation of this cooling equipment please read the “Instructions for Use „ carefully and only use the equipment as described in these instructions to avoid improper use of the equipment and subsequent loss of warranty.**

The cooling equipments are designed for storing, presentation and maintaining the freshness of drinks at a suitable temperature. Refrigerating equipments comply with the currently valid safety and cooling/refrigerating standards and were awarded CE Certificate.

The producer or distributor of cooling equipment does not bear any responsibility for defects and damages caused by not observing the “Instructions for Use“ mentioned herein above!

## TRANSPORT AND UNPACKING

- Pay attention to professional transport. Cooling unit may be transported only in standing position, and cooling cabinet only in disassembled state laid position. Check the equipment at delivery, ensure it is not damaged during shipping!
- Do not tilt the equipment when unpacking it!
- After unpacking, place the equipment on the stable, dry and flat surface. During the unpacking remove the all unnecessary parts from the refrigerator (adhesives, foils) and ventilate the air inside. Place equipment on the right position, please use adjustable feet!
- Distance between the ceiling and the equipment must be no less 10 cm. Without sufficient air space (air gap) the refrigerating level deteriorates!
- If the equipment was stored / delivered in the chilled space, wait for a while with its putting into operation!

## SAFETY INSTRUCTIONS

- Equipment is delivery in disassembled condition, may be assembled/installed only by the authorized professional technician!
- Before connecting the refrigerator for the first time, make sure that the nominal value of supply network complies with the nominal value specified by the manufacturer!
- Make sure that the parts of power supply are satisfactory. The equipment can be connected only to the earthed plug socket!
- Do not use T- dividers between power socket and power cable for distribution network connection because they may overheat!
- Place the cooler in a position, so that the power socket is accessible!
- Place equipment accessible from the side of the plug socket!
- Place and make the refrigerator accessible from the side of the plug socket!
- Do not use extension cable if not necessary. If necessary use the extension cable with earthing ( triple- core connection)!
- Connect the equipment to voltage 230V AC. Plug socket has to be protected by zero / earthing and 6A fuse against the overloading and short- circuit. Unless the plug socket is not protected by this way, let the authorized professionals manipulate with it. Power cord extending is not allowed!
- Pull out the plug from plug socket carefully, otherwise you can break the power cord – you are exposed to electric shock!
- After pulling out the plug from plug socket wait 5 minutes minimum, then you can insert it again!
- Do not touch the electric parts of the appliance, please!
- Defects of electric cables may cause the short -circuits or fire!
- While using the appliance in wet spaces, instal the protective current device. (permitted only by authorized and trained professionals)!
- Do not store any inflammables nearby!
- Use the device in interiors! Also rain can cause the short-circuit!
- The sides of cooling cabinet are fixed by plastic hooks. Carefully pull these during assembling.

- Do not expose a device to high temperatures –cooling capacity is worse and energy consumption may increase!
- Cooling shall not be sufficient if you place the appliance in premises without appropriate ventilation!
- Do not pour water on cooling/ refrigeration unit. It is dangerous to life!
- Do not leave any heavy thing or vessel with water on the top of the unit. Falling matters may cause the injury and spilled water may cause the short circuit/ fire!
- Disassembly and assembly of the unit and cabinet may be executed by authorized professional technician!
- Make sure that the appliance is correctly fixed and during the handling it stays stable. The falling appliance may cause the injury!
- Do not make the equipment accessible to children!
- Do not drill a hole to the cooling unit .Do not install the cooling equipment on/to the wall!
- Do not insert any things to the ventilator, you can damage the fan!
- Do not lean against the doors, you may damage them or you may roll the whole cabinet down!
- Avoid of strong beats to door. You may break them and injure yourself!
- Door adjustment is a job for professionals only!
- Open and close the door with the door handle!
- Once you open the door, mind to close it as soon as possible!
- Place the goods in cooling equipment so that it does not impede the circulation of air!
- For silent operating and correct flowing off the condensed water adjust the cooling equipment in horizontal position with adjustable legs!
- Pay attention to distance from wall! Not to impede the flow of air and so do not place any subjects in very near by the cabinet!
- The equipment run the most economic way in premises with the lowest temperatures, so do not expose the appliance to solar radiation and do not place it near the heating units!
- The equipment operates optimally below temperature of 25°C and humidity up to 60%. If not necessary, do not use the equipment at maximum – your energy consumption increase!
- Before loading the appliance with fresh goods, make sure it was cooled to required temperature. Do not load the appliance with warm or hot drinks!
- Pay attention to right placing of the drinks!
- Placed drinks may not exceed the edge of the cabinet!
- We recommend to stand the cooling equipment into horizontal position to make condensate water possible to flow off in right direction!
- Do not place the drinks in paper packing on the bottom of the cabinet!
- Do not place the drinks wrapped by foils in the cooling cabinet!
- It is forbidden to overload the refrigerating box and its components. Do not load the open doors, it may cause their functionality damage!
- Fix the side cooling unit SKB-MU 50R hardly by screws in the right position on the cabinet!

- CLEANING

- Disconnect the appliance from the power supply before cleaning!
- Do not use flammable cleaning agents in spray! Do not use an excessive volumes of water. Danger of short-circuit!
- Clean the exterior and interior of cooling cabinet with soft cloth or sponge a clean water, or of cleansers for household use!
- Clean the exterior of cooling unit with soft-dry cloth or sponge!
- Clean the grids of condenser ( front part). Do it with dust cleaner/ vaccum cleaner or strong brush once a week- after switching off the appliance. Pay attention to cleaning of the condenser's grids. Impure(dirty) grids may cause the compressors's burn-out and in this case, no warranty is valid!
- Open and close the appliance with door handle not to damage the rubber door seals!
- Different types of stainless steel (201/202/430/304) react differently to cleaners. Do not clean the stainless steel type 201 and 430 with acids and alkaline cleaner agents. They damage the surface- stains appearance!
- Dealer provide you with information about the type of stainless steel.

## MAINTENANCE

Do not injure your health, disconnect the appliance from the power supply before maintaining!

- Repairs can be executed only by the authorized professional and trained technician! In case of defects/breakdowns, call the nearest service centre, please!
- No warranty shall be related to defects/breakdowns arise due to not following this instruction for use.
- If defect appears, disconnect the appliance from power supply and wait for the authorised professional technician arrival! While repairing the appliance, the purchaser shall be obliged to provide a spare refrigerator for storing the goods.
- Caution! The appliance operates in intervals , it means that compressor is under the line voltage also in its rest interval. Do not touch the electric parts of appliance before the appliance disconnecting!
- We recommend to execute the big maintenance of the appliance approx. 4-6 times per year. For cleaning and maintaining contact the nearest service centre, please!

Manufacturer and distributor bear no responsibility for defects/breakdowns caused by situation as follows:

- Not proper putting into operation (not in comply with this "Instructions for Use")
- Not observing the "Instructions for Use"
- Failure due to the improper maintenance
- Out of appliance power failures
- Failures caused by the uncertified parts using
- Failures caused by vandalism
- Failures caused by the uncertified professional

## TROUBLE SHOOTS

**Before contacting the service centre make sure in the following :**

The appliance does not start operating:

- Check the connection to power supply or check the fuses and circuit-breaker functionality( performance)

The compressor continuously operates:

- Check the goods position inside of appliance whether they do not impede the air circulation
- Check the position on the thermostat. If it is on "0" position set it up to higher temperature.

Cooling equipment operates too noisy:

- Check if no subject is touched to appliance
- Check if all legs of appliance are evenly adjusted

Cooling is not satisfactory:

- Check if the thermostat is set up to requested temperature
- Check if the ambient temperature is not too high. Set the cooling temperature to a lower temperature. Keep in mind, that the period for reaching the required cooling temperature shall be longer when the temperature of goods enclosed to refrigerator is higher.

Condensed water is collected in the bottom part of appliances:

- Check the correct ( horizontal ) position of cooling equipment. The appliance shall be placed and levelled firmly on solid base.

Evaporator defrosting (only in case of block evaporator)

- Do not worry, digital thermostat automatically thaws the ice. Time delay of compressor' s switching on is activated. Compressor in defrost mode starts to run automatically. If it does not work, call the service centre, please!

### **Fume in appliance**

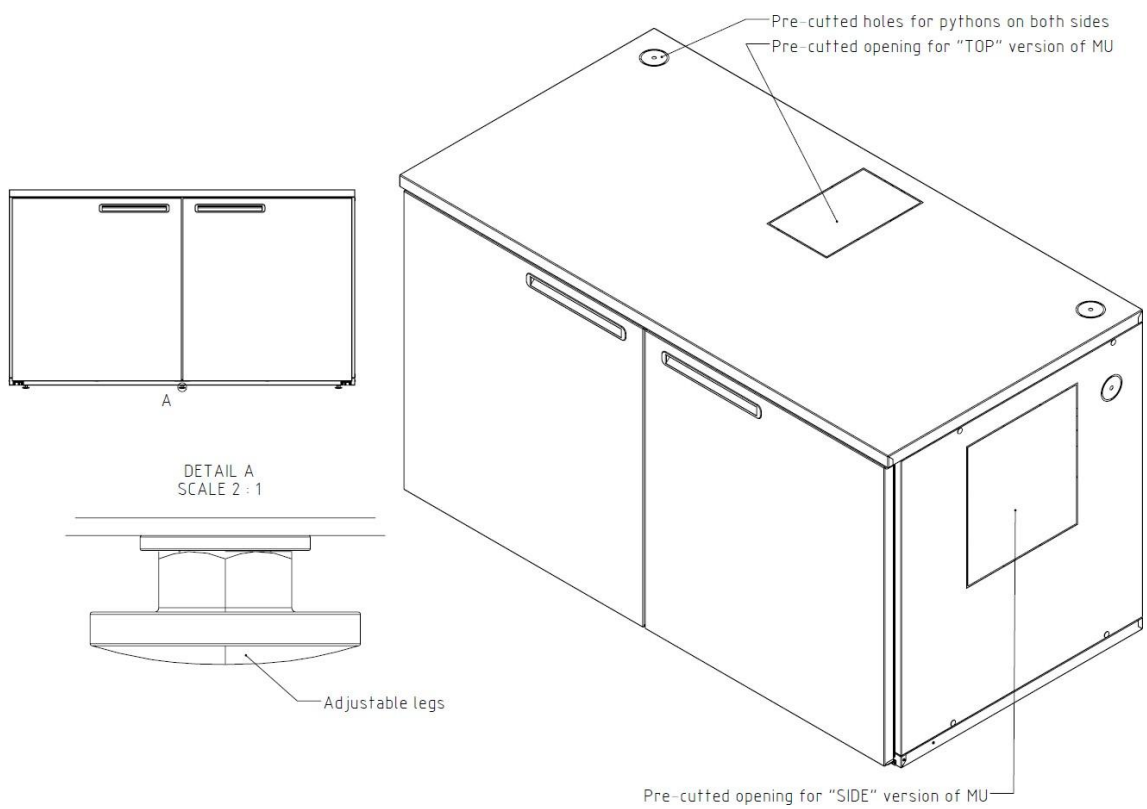
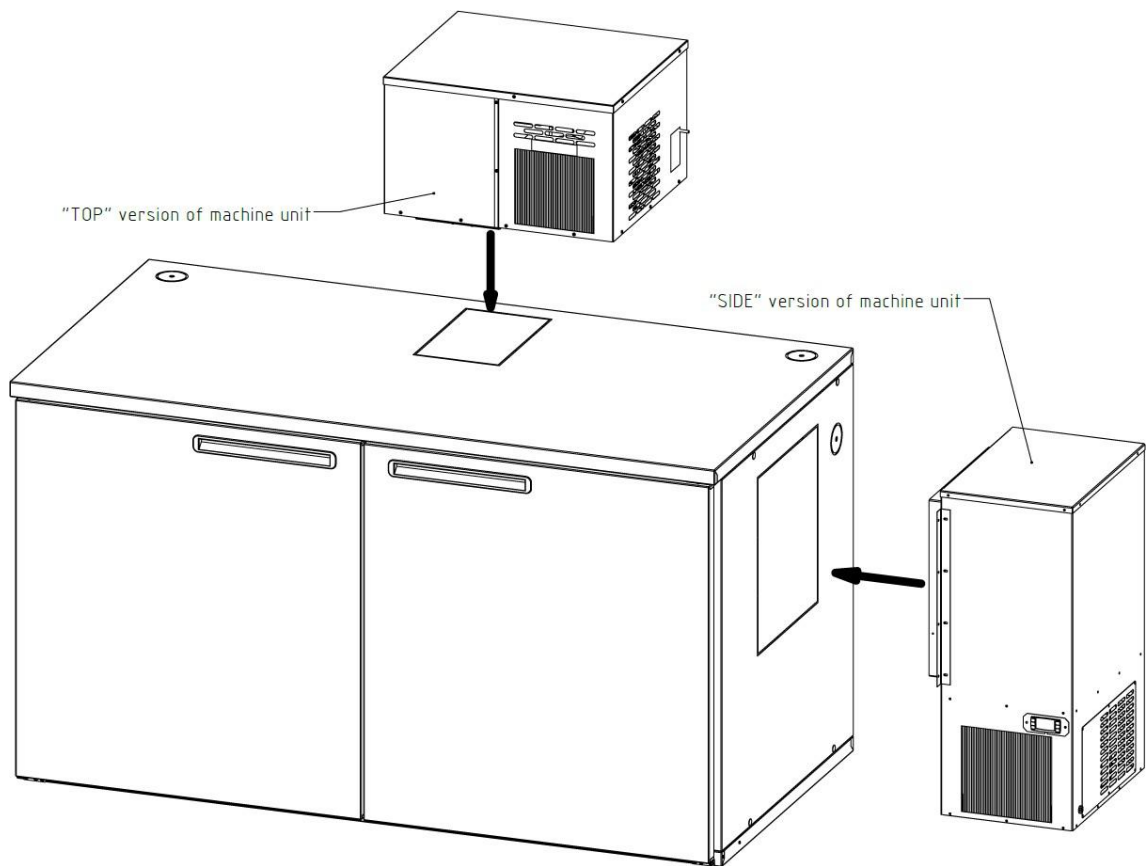
- **Immediately disconnect the cabinet from electricity and call the service centre!**

## WASTE TREATMENT

- After the end of service life, take the appliance to the collection yard.



## TECHNICAL DETAILS, USING



Cooling equipments are equipped with exterior and interior from sheet coated by plastics , adjustable legs, digital thermostat, air cooling.

### Digital thermostat

The operating temperature shall be controlled by the digital thermostat. For different as set operating temperature proceed as follows : Press button "SET" on thermostat for 4 seconds. Now it starts lighting the LED light and on display it can be seen programmed value of temperature in °C. Required temperature can be set up by up and down arrows ▲ and After setting the required value repeatedly press the button „SET". LED light stops lighting and the refrigerator shall be set to a newly required value. Caution! If you jump over the third step , the adjusted data shall not be saved and data shall be set up to initial level . Caution! Thermostat buttons make possible to access hidden menu. The hidden menu steps can be set only by specialists. We recommend you do not access hidden menu with intent to change parametres of thermostat unit. Due to this step you may subsequently lose your warranty!

Thermostat setting up to continuously low temperature of 2°C , starts-up a long-term running of compressor. The moisture condensation ( sweating) can also cause an excessive temperature difference of 25°C of environment and excessive air humidity, above 60%.

### Defrosting:

Digital thermostat activates defrosting level automatically. If the values of ambient temperature and air humidity are too high or if the cooling equipment is overladed, the defrost cycle could be done manually. Let's do the following:

- Pick the goods up from the showcase and temporary put these on the cold place.
- Press the button \* longer time( for approx. 3 seconds) and process of defrosting starts. On display – in dependance on the type – "dF" sign starts lighting; it means that defrosting process is on. After defrosting end the show case starts operating automatically again.

### Product characteristics:

- **Fan assisted refrigeration for quick cool-down**
- **Better cooling performance with 35% less energy consumption**
- **Natural refrigerant R290 for product SKB-MU**
- **Electronic thermostat with auto-defrost**
- **Reinforced bottom plate**
- **Adjustable feet**
- **Silver coloured skinplate inside, anthracite coloured skinplate outside**
- **Exchangeable door seals**

### Machine unit dimensions WxDxH (mm) :

TOP version (DKB-MU): 615x525x360

SIDE version (DKB-MU 50R): 350x500x845

Type/model	DKB-2	DKB-4	DKB-6	DKB-8	DKB-10
Capacity	8x20l/4x30l/ 2x50l	13x20l/8x30l/ 4x50l	19x20l/12x30l/ 6x50l	26x20l/16x30l/ 8x50l	30x20l/20x30l/ 10x50l
Dimension [cm] (WxDxH)	106x72x106	106x98x106	146,5x98x106	187x98x106	220x98x106
Operating temperature [°C]	+2°C / +10°C	+2°C / +10°C	+2°C / +10°C	+2°C / +10°C	+2°C / +10°C
Voltage[V/Hz]	230/50	230/50	230/50	230/50	230/50
Power/Capacity [W]* DKB-MU	240W	240W	240W	240W	240W
Power/Capacity [W]* DKB-MU 50R	550W	550W	550W	550W	550W
Refrigerating capacity [W]*/** DKB-MU	630W	630W	630W	630W	630W
Refrigerating capacity [W]*/** DKB-MU 50R	919W	919W	919W	919W	919W
Type of refrigerant* DKB-MU	R290	R290	R290	R290	R290
Type of refrigerant* DKB-MU 50R	R134a	R134a	R134a	R134a	R134a

\*depends on the type of cooling unit (top/side)

\*\* TE = -5°C, TC = 45°C, AMBIENT 25°C



## STEPS OF ASSEMBLY THE COOLING CABINET

