



Operating instructions

Beverage Refrigerator with glass door and advertising Panel – slim, model DK 134 PRO Item no.: 325-2250



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Dear customer,

Congratulations on your new SARO drinks refrigerator with advertising panel and glass door - narrow DK 134 PRO

The item you have purchased has been developed for commercial use in restaurants, hotels, cafés, canteens and supermarkets. The refrigerator is designed for storing drinks. The glass door makes the refrigerator ideal for displaying goods and thus promotes sales. Thanks to its narrow design, it also fits into small spaces.

Please read the operating instructions carefully before commissioning.

We hope you enjoy your new SARO product.

SCOPE OF DELIVERY

- 1 Refrigerator
- 1 Operating instructions
- 6 grids with price bars
- 2 keys

STANDARDS AND GUIDELINES

The appliance complies with current EU standards and directives:
 Machinery Directive - MRL 2006/42/EC,
 Electromagnetic Compatibility Directive - EMC 2014/30/EU,
 RoHS Directives 2011/65/EU and 2015/863/EU,
 Ecodesign Directive 2009/125/EC with Regulation (EU) 2019/1024 and
 Energy consumption labelling in accordance with Regulation (EU) 2019/1018

If required, we will send you the corresponding declaration of conformity.

TECHNICAL OVERVIEW

Beverage refrigerator with advertising panel and glass door - narrow	
Model	DK 134 PRO
Order no.	325-2250
Material	Housing: steel, powder-coated black Interior: light metal, black
Door(s)	Double-glazed, self-closing
Castle	Yes
Grates	6, height-adjustable, black, with price slats
On/off switch	No (only for LED)
Interior lighting	LED interior lighting (6W), separately switchable. This product contains a light source of energy efficiency class F.
Connection preparation	Ready to plug in with Schuko plug
Temperature setting/control	Analogue
Noise emission approx.	46 dB

Cooling type	Static cooling with circulating air fan
Automatic defrosting	Yes
Feet/castors	4 height-adjustable feet
Suitable for	Climate class 4
Temperature range	+2 / +8 °C
Ambient temperature	16 - 32 °C
Contents gross / net	150 / 130 L
Refrigerant type / quantity	R600 a / 75 g
Connection	230 V / 50 Hz / 0.115 kW
Dimensions inside	W 325 x D 343 x H 1405 mm
External dimensions	W 406 x D 439 x H 1900 mm
Regulation on energy labelling VO on ecodesign requirements	VO (EU) 2019/2018 VO (EU) 2019/1024
Energy efficiency class / EEI	C (spectrum A to F) / 34.98 %
Energy consumption per year/day	397.85 kWh / 1.09 kWh
Gross / net weight	85 / 71 kg
GTIN [EAN code]	4017337068555



**WARNUNG: FEUERGEFÄHRliche
STOFFE - VERBRENNUNGSGEFAHR!**

Dieses Symbol weist darauf hin, dass Gefahren aufgrund von feuergefährlichen Stoffen für Leben und Gesundheit von Personen bestehen. Verbrennungsgefahr bei Nichtbeachten!

**WARNING: FLAMMABLE SUBSTANCES -
RISK OF BURNING!**

This symbol indicates that there are dangers for life and health of persons due to flammable substances. Risk of burns if ignored!

GENERAL NOTES

- Keep these operating instructions within easy reach near the unit.
- The manufacturer/dealer cannot be held responsible for damage caused by failure to observe these operating instructions.
- If these operating instructions are not observed, the safety of the unit can no longer be guaranteed.
- If the unit is passed on to third parties, these operating instructions must also be handed over.
- This appliance must not be operated by children or persons with reduced physical, sensory or mental capabilities, as they may not understand the hazards involved in the use of electrical appliances and/or refrigeration appliances, resulting in accidents, fire, explosion or property damage.
- After unpacking the unit, make sure that everything is in perfect condition. If you discover any damage, do not connect the unit but notify your dealer.
- Check whether all components specified in the scope of delivery are present. If this is not the case, inform your dealer.
- Keep the packaging of the unit. The unit can only be transported safely in its original packaging, e.g. for repair purposes, when moving house, etc. Note that all components of the packaging (plastic bags, cardboard, polystyrene parts, etc.) can endanger children and must therefore not be stored near them.
- If it is not possible to store the packaging, separate the different packaging materials and deliver them to the nearest collection point for proper disposal.
- Do not use the unit outdoors in the rain or in damp rooms.
- Do not operate the unit unattended.
- Observe the accident prevention regulations and general safety regulations applicable to the area of use.
- Place the unit in a dry, adequately ventilated place and on a straight, safe surface.
- Ensure at least 10 cm distance between the back of the refrigerator and the wall. Otherwise, the desired cooling performance can no longer be guaranteed.
- Do not place the appliance near heat sources such as heaters, cookers, ovens or open fires or in direct sunlight, as the desired cooling capacity can then no longer be guaranteed.
- The ventilation slots must always be kept clear and must not be covered or obstructed.
- Before commissioning, observe the recommended ambient temperatures (climate class) of the appliance for optimum cooling performance
- Before connecting the appliance to the mains and before using it, clean it carefully as indicated under "Cleaning".
- Before connecting the appliance, make sure that a shockproof socket (with earth) and a 230 volt connection are available and that this corresponds to the information on the type plate. Other types of current than specified on the type plate may cause the appliance to overheat or become defective.
- Do not drill or pierce holes in the inside or outside of the unit. The cooling circuit could be damaged.
- During the period of use, daily cleaning is recommended for hygienic reasons.
- Before cleaning, always disconnect the appliance from the mains, switch it off beforehand if it has an on/off switch or a corresponding control (thermostat) with a zero or off function; the same applies if the appliance is not used for a longer period of time.
- The manufacturer/dealer cannot be held responsible for damage caused by failure to observe the operating instructions. Likewise, the safety of the unit is no longer guaranteed.
- In the event of a malfunction, disconnect the appliance from the mains and inform your dealer. He will carry out the repair with original spare parts.

SAFETY INSTRUCTIONS

- Incorrect operation and improper handling can lead to malfunctions of the unit and injury to the user.
- The appliance is neither suitable nor intended for the storage of medicines or highly flammable, combustible or explosive substances.
- Observe the accident prevention regulations and general safety regulations applicable to the area of use.
- Ensure that the unit stands securely on a dry, non-slip surface that is adequate for the weight of the unit and that it is in a well-ventilated place.
- Do not expose the appliance to direct sunlight, do not place it near other heat sources (heater, cooker, oven... open fire) and/or do not place it on a hot surface, otherwise the desired cooling capacity cannot be achieved.
- Do not store highly flammable or explosive substances near the unit.
Do not carry out any work with highly flammable substances in the vicinity of the unit (no spray paint or similar). It could otherwise lead to a fire or explosion.
- The unit requires sufficient space for air circulation and cooling pipe: 10 cm each to the sides and to the wall.
- Do not place heavy objects, loads or liquids on the unit.
- Make sure that the air inlet and exhaust openings of the appliance are always free of dirt. Check them regularly and remove any dust deposits using a Hoover.
- Do not cover or block the air openings.

- Do not tilt the unit more than 45 degrees.
- Before connecting to your mains, check that the type of current and mains voltage correspond to the specifications on the type plate. Commissioning is only possible if they match in order to avoid accidents/defects.
- Do not use adapters, power strips and/or extension cords; otherwise the cables/lines can quickly overheat if other appliances are also connected. The risk of fire increases.
- Do not move the appliance during use.
- Before moving the unit, switch it off (if there is a switch for this purpose) and disconnect the mains plug.
- Always pull the cable out of the socket by the plug housing only.
- Make sure that the unit does not tilt when moving. This could lead to injuries.
- When the unit is back in place, wait 2 hours before operating the unit again.
- A longer transport causes a standstill time of approx. 24 hours before commissioning in order to avoid unit damage/accidents as a precaution.
- After a possible power failure or a short unplugging, switch off the unit briefly, wait 5 minutes, plug in again and start the unit.
- Do not let the mains cable hang over sharp edges, do not crush it and keep it away from hot objects and open flames.
- Make sure that it is not possible to accidentally pull on the cable or trip over it.
- Check the cable regularly. If it is damaged, e.g. by crushing, then it must be replaced by a qualified specialist.
- Do not touch the appliance, cable or plug with wet or damp hands.
- Caution! The unit is live as long as it is connected to the mains.
- Protect the unit from moisture.
- Do not clean the appliance with an open jet of water.
- Do not immerse the unit in water or other liquids or wet it with liquids.
If the appliance should get wet, unplug it from the mains immediately and have it checked by a specialist before using it again. There is a danger to life from electric shock.
- A damaged unit must not be used!
In this case, disconnect the unit from the mains and contact your specialist dealer!
- Never attempt to open or repair the unit yourself. There is a danger to life!
- Do not touch the compressor, it could cause burns.
- Do not drill or pierce a hole in the unit, either from the outside or inside.
Do not install any other appliances on the cooling unit or place any foreign objects there.
- Do not interfere with the cooling circuit! This is the responsibility of a specialist!
Refrigerants R600a, R290 are very environmentally friendly - but are colourless, almost odourless, flammable gases; heavier than air; narcotic and suffocating in high concentrations!
- Repairs must be carried out by appropriate specialists using the original spare parts.
- Always disconnect the appliance from the mains before cleaning, and also if it is not going to be used for a long time.

INSTALLATION

Set up the unit in a dry and sufficiently ventilated room. Ensure that the unit stands securely on a dry and non-slip surface.

Place the back of the appliance at least 10 cm from the wall to ensure sufficient air circulation at all times. There should be at least 30 cm above the unit and 10 cm to each side.

Performance and power consumption may be affected by ambient temperature or direct sunlight. Therefore, do not expose the appliance to direct sunlight and do not place it in the immediate vicinity of a cooker, radiator or other heat source.

Ensure that the mains plug is always freely accessible and can be disconnected from the mains without difficulty.

Adjust the shelves of the appliance so that the distances correspond to the height of your goods.



After delivery or transport of the unit, connect it only after the unit has been at rest for at least 24 hours. This is absolutely necessary so that the refrigerant can collect in the compressor.

CONNECTION

After prolonged transport, the unit should only be put into operation after 24 hours, as well as after strong inclination; that the cooling circuit stabilises again, refrigerant distributes evenly again in order not to cause a defect, a malfunction.

After short movement and inclination below 45 degrees, please wait 2 hours before connecting.

Before connecting the unit, make sure that the voltage and frequency of the power supply match the specifications on the type plate! Other voltages can cause the unit to overheat!

Only connect the appliance to an earthed socket outlet with a 230 volt connection.

Once you have connected the appliance, wait about an hour to allow the interior to cool down sufficiently before loading it with goods.

After a power failure or if the unit has been disconnected from the mains, wait at least 5 minutes before reconnecting the unit and putting it into operation!

If the unit is restarted immediately after it has been switched off, the fuse may blow and interrupt the flow of electricity. In addition, the compressor may be overloaded and damaged.

STRUCTURE AND PARTS



FIRST COMMISSIONING

Before the first use:

Unpack the unit, check it for completeness and set it up (see Setting up the unit). Clean the appliance (see Cleaning).

Connect the cleaned cooling unit (see unit connection) to a 230 V socket.

Only when the desired temperature has been reached do you place your goods in the appliance.

To save energy and prevent cold air from escaping, they always keep the door open only as long as necessary.

This model has a recirculation fan, which ensures that the cold air circulates inside. The gaps between the shelves and the door help the air to circulate. When placing your goods in the cabinet, make sure that the air can circulate freely and that no goods protrude or cover the ventilator. Distribute the goods evenly on the shelves.

OPERATION - SETTINGS

Analogue temperature controller



Use a flat-blade screwdriver to turn the red rotary switch to the desired level.

Switch on

- Insert the mains plug into the socket. The appliance switches on.

1. Light

The lighting can be switched on separately using the toggle switch.

CLEANING

Wipe the outside and inside with a damp, soft cloth.

A mild washing-up liquid can be used for this purpose.

Wipe again without cleaning additive, then rub dry well.

Do not use abrasive, bleaching, corrosive or scratching cleaning agents/cleaning aids, as this could damage/scratch the surfaces.

MAINTENANCE

The cooling unit requires very little maintenance. Approximately every 2 months, check the ventilation slots for dirt. Brush with a soft brush and at the same time vacuum up the dirt with a vacuum cleaner.

STORAGE / TRANSPORTATION

Take out all food, switch off the appliance, pull out the mains plug.

Clean the appliance thoroughly inside and out and open the door to allow the appliance to dry sufficiently.

If it is dry and the unit is not to be used for a longer period of time, store it in a dry, dust-free and not hot place. It is best to cover the unit or use the original packaging to protect the unit from damage.

Secure the unit against children and pets climbing into it, so that they cannot be trapped there.

When storing only the packaging material, please note that components of the packaging such as plastic bags, cardboard, polystyrene parts, etc., can be dangerous for children if they play with them unsupervised (e.g. choking hazard). can endanger children if they play with them unsupervised (e.g. choking hazard).

When transporting the unit, it is best to use the original packaging so that the unit is optimally protected against impact, sharp edges, weather conditions, etc. Do not tilt the unit more than 45 degrees and do not expose it to moisture or rain and avoid strong vibrations. After transport, the unit must stand for approx. 24 hours without further movement before it can be reconnected. Otherwise, a defect may occur as the refrigerant and oil must be distributed/placed correctly again.

TROUBLESHOOTING

Problem	Cause and solution
No cooling	Is the plug inserted? Is the socket in order? Is the fuse defective? Power failure? Thus realise the power supply of the unit again.
Unsatisfactory cooling performance	Direct sunlight? Is there a heat source nearby? Is the ventilation of the environment poor? Does the door close properly? Is the door opened for a long time? Is the door sealing strip deformed or damaged? Is there too much food inside? Is food blocking the air inlet or outlet? Remedy this by readjusting the temperature controller.
Strong noises	The unit is not properly levelled. The unit is touching the wall or other objects. Something is loose on the unit. Correct the safe, straight stance and/or remove the touches.
Contact your dealer if the problems cannot be solved by simple troubleshooting.	

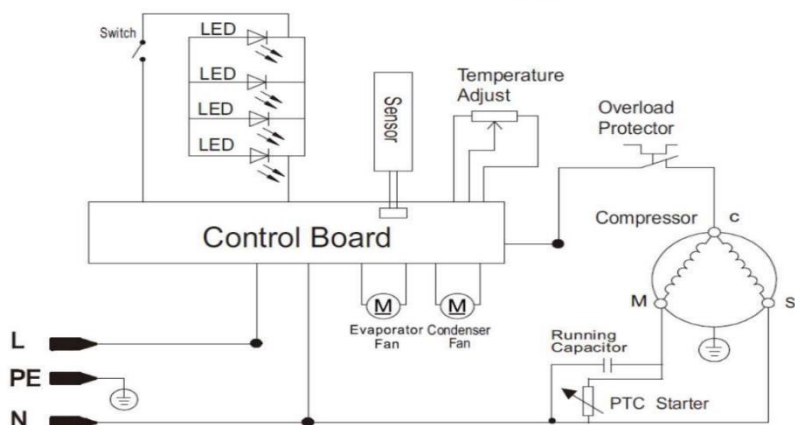
The following problems are not a malfunction:

The hissing of the refrigerant can be heard when the cooling unit is working. This is normal because the refrigerant is circulating in the system.

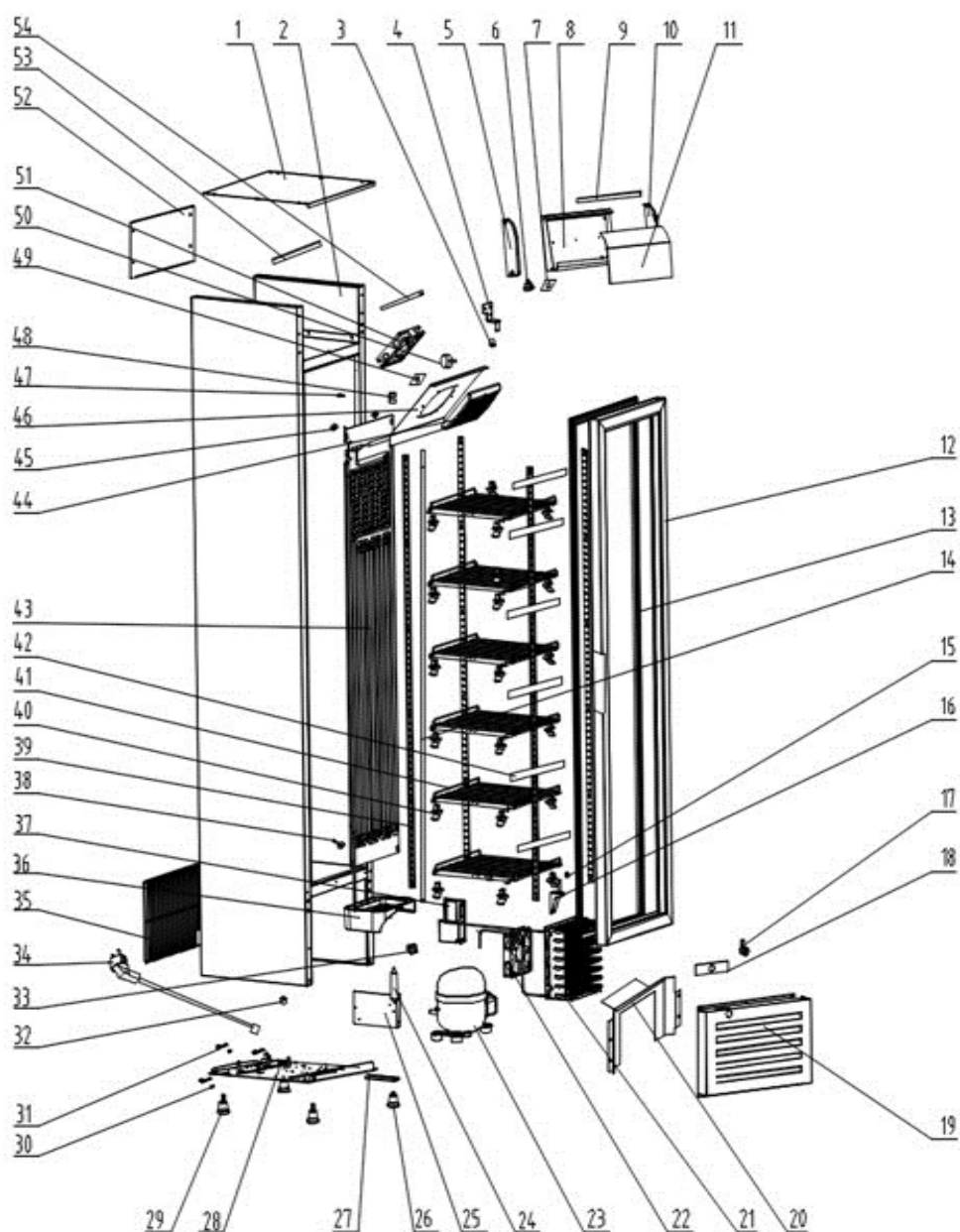
In the wet season, condensation may form on the outside of the unit. This is not a malfunction, the cause is excessive humidity. Simply use a cloth to wipe off the condensation.

CIRCUIT DIAGRAM

Circuit Diagram



EXPLOSION DRAWING:



EXPLOSION DRAWING - Legend

1	Top cover	28	Compressor panel
2	Forming cabinet	29	Feet
3	Upper door bushing	30	Pad
4	Upper door axis	31	Snap Ring
5	Canapy left cover	32	22 Wire ring
6	LED switch	33	Power cord fixing clip
7	LED switch tag	34	Power cord
8	Canopy	35	Back cover
9	Canopy LED strip	36	Water drip box
10	Canopy right cover	37	Main control board
11	Canopy panel	38	Evaporator silicone cap
12	Glass door	39	Shelf rail
13	Door seal	40	Shelf fixer
14	LED mounted in frames	41	Shelf
15	Down door bushing	42	Price tag
16	Down door axis	43	Evaporating panel
17	Lock	44	Fan cover
18	Lock panel	45	Evaporating panel mat
19	Ventilation grill	46	Evaporator board
20	Condenser panel	47	Wiring knob
21	Condenser	48	Potential device fixing board
22	Condenser fan	49	Thermostat tag
23	Compressor	50	Potential device
24	Filter	51	Evaporator fan
25	Power cord fixing	52	Back cover
26	Front feet	53	Board
27	Feet reinforcement	54	Top bracket

PACKAGING DISPOSAL



Please separate the packaging materials accordingly and bring them to the responsible collection points, for recycling and environmental protection.

APPLIANCE DISPOSAL



Once the appliance has reached the end of its service life, please dispose it properly at collection point for electrical appliances.

Electrical appliances do not belong in household waste.

Your local administration will inform you about the addresses and opening hours of collection points.

This is the only way to ensure that old appliances are disposed of and recycled properly.

Thank you very much!

You can fill in and use this table for your own, possibly later needs.

Unit designation	Beverage refrigerator with glass door and advertising panel - narrow	Model name:	DK 134 PRO
Order number from the type plate	325-2250	Serial number from the type plate	
If applicable Refrigerant from the type plate	R600a / 75 g	If shown separately Production date from the type plate	
Bought on:		Telephone number of the seller	
Bought where: (Name of the dealer)		If available E-mail address of the seller	
Optionallay Name of the seller		More notes	



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Note: Technical / design / model changes and errors excepted.