

WAECO
mobile solutions



CAB-40, CA-40, 44000-02

D 2 Absorber-Kühlbox
Bedienungsanleitung

GB 6 Absorber Cooler
Instruction Manual

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Safety instructions

- Please check the proper condition of the appliance before use.
- Before starting up the device the instruction manual should be read thoroughly!
- During first hours of operatin the appliance might develop some smell.
- The device should only be driven by one power source at a time.
- The cooling system must not get damaged!
- No electrical devices are allowed inside of the cooling box!
- If the supply cord is damaged it must be replaced by the manufacturer, its service agent or similar qualified person in order to avoid a safety hazard.

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General

Installation

This appliance is suitable for camping use.

The cooling box may only be used in well ventilated places. It must be protected against rain and splash water. To obtain best efficiency the coolbox has to be positioned on a level surface. The horizontal position $\pm 2^\circ$ should if needed be checked using a water level. The ventilation grill on the top, bottom and backside of the device must always be kept clear. Please note the minimum clearance at the lateral limitation of at least 5 cm.

Control panel

This is located at the right backside of the device and is protected by a lid.

Here are:

- The thermostat control for the supply with 230 V AC
- The control element for the gas supply with the positions: max., min., closed
- The press button for the burner ignitor

Gas operation

The device is not allowed to be operated by gas when used in road vehicles, water crafts or inside closed spaces! Enough air supply has to be obtained for the usage in tents and on ground level terraces. Do not assemble the device close to inflammable materials (paper, dry leaves, textiles).

Connection onto a gas source

The device may only be run by a pressure specified on the specifications plate (back side)!

- Use a propane- butane gas bottle with proven pressure control valve.
- Check that the gas bottle valve is closed.
- Use a proven hosepipe (DIN 4815 Part 2) of max. 1.5 m length.
- Connect the gas line to the inlet port of the fridge from the regulator. For this use the correct spanner size, please note this has left hand thread.
- Open bottle valve and check all connections with lead detector spray. Density is only guaranteed, if no air bubbles develop. Never carry out the density check close to fire or ignition sources!
- Make sure gas bottle is always set upright and at least one meter away from the burner. Prove that the gas line is not pinched or kinked.

Replace of gas bottles

- Only replace the gas bottles under good ventilation. Make sure that no ignition sources are nearby. Close the valve of the gas bottle completely.
- Screw the pressure control valve off the bottle
- Check condition of the gas line. Exchange the gas line in case the material is brittle or porous.
- Screw the pressure control valve tight onto the new bottle.

Burner ignition

- Open the gas bottle valve. Make sure that the thermostat for 230-V operation is in "0"-position and that the plug (battery) is not connected. Turn the gas knob to max. (big flame) and keep pressed for 10 seconds to displace any air out of the gas line.
- As the gas knob is pushed in, press the ignition button several times if required until the flame is burning, wait 15 seconds and then release the gas knob. In case the flame does not ignite, repeat the ignition process. The device is equipped with a flame protection. When the flame expires, the gas supply cuts off.



In case it is not possible to ignite with the spark generator because of high humidity, the gas burner can be ignited with a match through the opening in the backside. To switch off the gas operation always close the bottle valve first and then turn the gas handle to "0"-position.



Important

Make sure that the connecting cables are a safe distance from the burner during gas operation of the coolbox. Check at regular intervals that the gas hose and the connections are in good condition.

Mains voltage operation 230 volt

- Put the safety plug into an according to instructions installed safety plug.
- Move the thermostat button to position "max" and wait until the temperature of the coolbox has dropped down. Thereupon adjust the thermostat knob to the temperature desired.
- To switch off the coolbox turn thermostat button to "0" and pull the mains plug after switching off supply.

Operation with battery power

The electric line between battery and fridge must be saved by a fuse: at 12 V max. 15 A.

Cable size:

2,5 mm² at battery cable length up to 2,5 m

4,0 mm² at battery cable length up to 4,0 m

Make sure that the thermostat button is in position "0" at 230-V operation.

- Put the plug into the socket of the cigarette lighter. Poling as given.
- For switch-off, pull the plug out of the socket.

Separate the coolbox from the battery at the motor shut-down, otherwise battery discharges. An adjustment of the thermostat is not possible during battery operation.

Using information

- Clean box before first use with lukewarm water and some detergent.
- The internal temperature of the coolbox can change due to the ambient temperature how often the lid gets opened, and the amount of goods to be cooled.
- Do not put warm food into the coolbox.
- Arrange food in such a way that air can circulate inside the box.

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Pre-Cooling

Before journey starts, pre-cool the fridge about 24 h electrically or with gas.

Cleaning

Clean the inside of the box with detergent and lukewarm water and rinse well and dry it afterwards. Do not use methylated spirits, solvents or rubbing pastes.

Defrosting

The box should after continuous operation be defrosted from time to time so that the cooling capacity remains. Therefore switch off the and empty the device and defrost the cooling box. Wipe off the condensation water with a sponge and clean the device.

Never try to scrape off the ice with a pointed tool.

If not in use

If the device is not used for some time, pull the plug, empty and clean it. Keep the lid slightly open to maintain a small airflow.

If the box does not start up after it has not been used for a long time, turn the device (without being plugged in) upside down. Place it back upright after a few minutes repeat the start up procedure.

Service

In case of an faults on the device check the following points:

- Stand the device level?
- Is enough ventilation guaranteed?
- Is a correct voltage and gas supply guaranteed?
- Are all electrical contacts okay?
- Is the thermostat switched on for mains operation?
- Is the voltage in line with the specification plate?
- Is the gas bottle valve opened?
- Has the gas control been pressed long enough to ignite the flame?
- Is gas in the bottle?
- Is more than one power supply connected?
- Is warm food stored in the box?
- Is the fridge too tightly packed or too full?

Should the fault remain after all of the above has been checked, please contact customer service, informing him of the data of type and the series number (nameplate).

Only authorised specialists are to repair this device.


Technical data	CAB-40, 44000-02	CA-40
Gross volume:	40 L	
Gas Consumption:	13 g/h	
Gas pressure according to national regulation D, AU, LU, CH, CZ, HU, SE, NO, NL, FI, DK, GB, E, FR, BE, IE, IT, PT:	Category I ₃ , LPG 50 mbar 30 mbar 28-30/37 mbar	
Temperature class:	N	
Power consumption at 230 V AC	75 W (I = 0,33 A)	100 W (I = 0,43 A)
Power consumption at 12 V DC	75 W (I = 6,25 A)	100 W (I = 8,33 A)


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The cooling unit has been leakage tested.

Standards, Directives

These appliances meet the following European directives:

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 – 73/23/EEC – low voltage
 – 89/336/EEC – EMC directive
 – 90/396/EEC – Gas directive

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 – 95/54/EEC