

# AREBOS

## Cooling Box 20L / 25L / 40L

AR-HE-KB20/30/40R

AR-HE-KB20/30/40A

20L



25L



40L



Please follow all security measures in this user's manual to ensure a secure use.



Thank you for trusting in AREBOS.



# Table of Contents

<b>1. Security instructions .....</b>	<b>3</b>
1.1 Explanation of the symbols .....	3
1.2 General security instructions .....	3
1.3 Security instruction for use of electrical devices ..	5
1.4 Special security instructions for the device .....	5
<b>2. Technical data .....</b>	<b>6</b>
<b>3. Commissioning.....</b>	<b>6</b>
3.1 Before using for the first time .....	6
3.1.1 Lid.....	6
3.1.2 Operation mode selector switch .....	7
3.1.3 Power mode selector switch.....	7
3.1.4 Indicator lights .....	7
3.2 Operation .....	7
3.3 Hints .....	7
<b>4. Cleaning and care.....</b>	<b>8</b>
<b>5. Troubleshooting.....</b>	<b>8</b>
<b>6. Environmentally friendly disposal .....</b>	<b>9</b>
6.1 Disposal and packaging .....	9
6.2 Disposal of waste equipment.....	9
<b>EU Declaration of Conformity .....</b>	<b>10</b>

Thank you for purchasing our product. Please read the operating instructions carefully before using the product for the first time. If you give the product to a third party, this manual must be handed over with it. Keep the instruction manual for future reference. The drawings in this manual may not match the physical objects. Please refer to the physical objects.

# 1. Security instructions

## 1.1 Explanation of the symbols



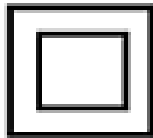
By means of a CE marking, it can be recognized that a product complies with the legal requirements of European legal standards and therefore may be traded within the European Community.



**Warning!** Read the safety instructions carefully. The Failure to follow the safety precautions can result in serious injury or damage. Keep the operating instructions in a safe place.



This product must **not** be disposed of with household waste!



Protective insulated housing (protection class II)!

## 1.2 General security instructions

- Read all instructions and warnings carefully before using this product. Failure to heed warnings and instructions can result in serious injury, death, or property damage.
- Before installation, check that all accessories are fully present and undamaged. If this is not the case, please contact our customer service.
- Keep these instructions in a safe place for future reference.
- Use this product only with original accessories.
- The manufacturer is not liable for any damage or injury resulting from improper use of this product.
- The information contained in these instructions for use is believed to be correct to the best of our knowledge and belief at the time of printing.
- This device can only be used by children from 8 years of age and persons

with limited physical, sensory or mental performance or lack of experience and knowledge if they are supervised during use or receive instruction on the safe use of the device and the associated dangers and understood them. Children must not play with the device. Cleaning and maintenance must not be carried out by children.

- **Danger!** Keep children away from packaging material. There is Choking hazard.
- Children aged 3 to 8 years are allowed to load and unload cooling devices.
- Cleaning and user maintenance must not be carried out by children without supervision.
- In order to avoid hazards and to comply with safety regulations, repairs to the device and the connecting cable may only be carried out by our customer service. Therefore, in the event of a repair, contact our customer service by phone or email.
- If the power cord is damaged, it must be replaced by the manufacturer or qualified personnel in order to avoid a hazard.
- To protect yourself against electric shock, do not immerse the cable, plug, or device in water or other liquids.
- Before cleaning, pull the mains plug and let the device cool down if necessary.
- Protect the device from rain, direct sunlight and shocks.
- In this device, do not store any explosive substances, such as aerosol containers with flammable propellant.
- Do not block the fan in the lid!
- To ensure sufficient air circulation, no objects may be placed on the device and the ventilation slots covered.
- Only operate the lid in connection with the associated container!
- Do not let liquids run into the fan openings or fill into the cooler.
- Suitable for use at the campsite.
- The device can be connected to more than one energy source.
- The device must not be exposed to rain.
- The device is not intended for commercial use, nor for use in catering and similar wholesale use.
- **Warning:** When setting up the device, make sure that the power cord is not pinched or damaged.
- **Warning:** Remove extension cords and electrical devices from the back of the device.
- The device must be set up on a stable, level surface.

- To avoid food contamination, follow these instructions: If you open the door for a long period of time, the temperature inside the device will increase significantly.
- Regularly clean surfaces that come into contact with food and sewage systems that are accessible.
- If the cooling device has not been used for a long time, please switch it off and then clean and dry it. Then open the door to prevent mold from forming inside.
- When selling, handing over or handing in for recycling, the blowing agent cyclopentane in the insulation must be mentioned.

### 1.3 Security instruction for use of electrical devices

- Neither the device nor the connecting cables may be exposed to external heat.
- Both connecting cables must not be connected at the same time.
- Do not switch from one operating mode to another directly in succession. Wait 30 minutes before changing the operating mode.
- Before commissioning, check the entire device including the connecting cable and any accessories for defects and damage that could impair the functional safety of the device. If the device e.g. has fallen to the ground or has been pulled on the connecting cable, there may be damage that is not visible from the outside. In these cases, do not operate the device.
- **Pull the power plug,**
  - **after each use,**
  - **In the event of malfunctions during operation,**
  - **Before every cleaning.**
- Do not pull the power plug out of the socket by the connecting cable, but grasp the power plug.
- If the device is operated incorrectly or used for other purposes, no liability can be accepted for any damage that may occur.

### 1.4 Special security instructions for the device

- Cooling units are divided into climate classes. The climate class for this device can be found in the chapter Technical data.
- The device can operate at a humidity of max. 70%.
- For the ambient temperature at which the device can be operated, please refer to the chapter Technical data.
- The cool box works with thermoelectric technology and can cool as well as keep warm. The cool box cools up to approx. 20 ° C below the ambient temperature and heats up to approx. 50-60 ° C.

## 2. Technical data

<b>Model</b>	AR-HE-KB20R /A (R=red; A= anthracite)	AR-HE-KB30R/A (R=red; A= anthracite)	AR-HE-KB40R/A (R=red; A= anthracite)
<b>Volume</b>	20L	25L	40L
<b>Voltage</b>	AC220-240V 50/60Hz /DC12V	AC220-240V 50/60Hz /DC12V	AC220-240V 50/60Hz /DC12V
<b>Power rating AC 220-240V</b>	Cooling: 52W Warming: 48W	Cooling: 58W Warming: 52W	Cooling: 58W Warming: 52W
<b>Power rating DC12V</b>	Cooling: 48W Warming: 40W	Cooling: 48W Warming: 40W	Cooling: 48W Warming: 40W
<b>Energy efficiency class</b>	E	E	E
<b>Power consumption</b>	75 kWh/year	76 kWh/year	74 kWh/ year
<b>Noise level</b>	48 dB(A)	49 dB(A)	49 dB(A)
<b>Ambient temperature (in °C)</b>	16-32°C	16-32°C	16-32°C
<b>Cable length (DC cable / 230V cable)</b>	4.6 ft (1.4 m)	4.6 ft (1.4 m)	4.6 ft (1.4 m)
<b>Cable length (AC cable / 12V cable)</b>	5.25 ft (1.6 m)	5.25 ft (1.6 m)	5.25 ft (1.6 m)
<b>Dimensions outside</b>	15.59 x 9.33 x 16.77 in (396 x 237 x 426 mm)	17.32 x 12.6 x 17.6 in (440 x 320 x 447 mm)	22.09 x 15.39 x 16.38 in (561 x 391 x 416 mm)
<b>Climate class</b>	SN/N	SN/N	SN/N
<b>Insulation blowing gas</b>	C5H10	C5H10	C5H10
<b>Weight</b>	8.2 lbs (3.7 kg)	10.1 lbs (4.6 kg)	15 lbs (6.8 kg)

## 3. Commissioning

### 3.1 Before using for the first time

- Take the device and accessories out of the box. Remove the stickers, protective film or plastic parts from the device.
- Wipe all removable parts with a damp cloth before using the device for the first time. Never use abrasives.
- The heating function is not used to heat cold dishes, but to keep warm dishes warm.
- The cooling function is recommended for pre-chilled food and drinks.

#### 3.1.1 Lid

- The lid can be locked by folding the carrying handle over towards the hinged side of the lid. To unlock, move the handle to the opposite side.
- The lid has two circular covers. The right-hand one with the (← | →) arrow markings can be opened by turning it. The compartment below contains the operating switches, indicator light and power supply cables.

### 3.1.2 Operation mode selector switch

- **COLD:** The **cooling** function is switched on.
- **OFF:** The appliance is switched off.
- **HOT:** The **heating** function is switched on.

### 3.1.3 Power mode selector switch

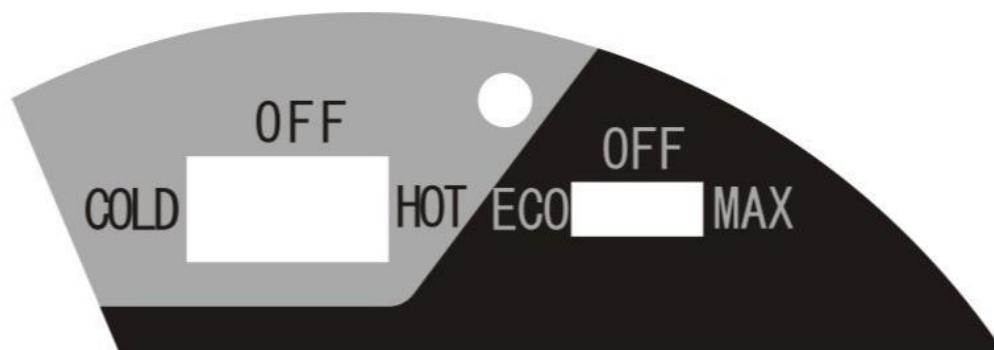
- **ECO:** The appliance is in power-saving mode (can only be selected in 220-240 V mode). Recommended if the cool-box is only partly filled.
- **OFF:** The appliance is switched off.
- **MAX:** Appliance operating at maximum power.

### 3.1.4 Indicator lights

- The „cooling “function is indicated by the green light.
- The red indicator light shows that the “keep-warm” function is enabled.

## 3.2 Operation

- Open the right-hand cover on the lid by turning it.
- Ensure that both switches are in the off-position.
- Connect the 12 V plug to a 12 V cigarette lighter socket; or insert the mains plug into a suitable wall outlet.
- Set the left switch to **COLD** or **HOT**.
- Set the right switch to the desired power mode **ECO** or **MAX**.
- The appropriate indicator light will come on.
- Close the right-hand cover, ensuring that the cable being used runs through the guide in the cover. Place the items to be cooled into the cool-box.
- When not being used, the cool-box should always be switched off, and the cable disconnected from its power source.
- Do not change directly from one operating mode to another. Always wait 30 minutes before doing so.



## 3.3 Hints

- **Cooling:** To achieve optimum cooling, the cool-box should be filled with pre-chilled food and/or beverages. With warm or non-chilled food and beverages, the cooling process will take considerably longer.
- **Keeping warm:** Using the keep-warm function, food and beverages may be kept warm. Again, warming up cold food and beverages will take some considerable time.
- **12 V connection:** If the cool box is connected to a car battery, but with the engine switched off, do not allow it to over-discharge (unless there is a deep-discharge protection). With the engine running, the cool-box may be left connected for an unlimited time.

- **Lid:** To prevent unnecessary heat loss, open the lid as little as possible and shut it again as soon as you can.

## 4. Cleaning and care


- The inside of the device should be cleaned at least monthly for hygienic reasons; always pull the plug out of the socket beforehand.
- Before cleaning, pull out the mains plug and let the device cool down.
- For reasons of electrical safety, the device must not be treated with liquids or even immersed in it.
- Clean the inside and outside of the case with mild detergent.
- The lid is removable for easy cleaning of the cool box. To do this, open the lid up to approx. 45 ° C and pull it up out of the hinge. Put the cover back on after cleaning.
- Wipe the lid with a slightly damp cloth and then dry it.
- Clean the container with a damp cloth, if necessary, with a little detergent. Then dry the container.
- Never use caustic cleaning agents, steel wool and / or scouring pads as these can damage the device.
- Make sure that no moisture gets into the cooling slots and do not immerse them in water or other liquids.

## 5. Troubleshooting

Problem	Possible cause	Solution
<b>The cool-box is connected to a 12 V power source but does not work.</b>	The 12 V cigarette-lighter socket in your vehicle only works with the ignition turned on.	Switch on the ignition.
<b>The electric fan is not turning.</b>	The contact surfaces on the 12 V connecting plug may be dirty or corroded.	Clean the contacts thoroughly.



## 6. Environmentally friendly disposal

 **Warning! from the risk of suffocation!** Packaging material is dangerous for children. Never let children play with packaging material.

### 6.1 Disposal and packaging

- The packaging of your device is made of materials necessary to guarantee effective protection during transport. These materials are fully recyclable and thus reduce the environmental impact. Dispose of the packaging in a bin for recyclable materials.

### 6.2 Disposal of waste equipment

- Waste equipment must be disposed of in accordance with the guidelines and regulations of local waste disposal. Contact your local administration via the address of the nearest recycling centre and deliver your device there.



The symbol of the crossed-out waste bin on an OLD electrical or electronic equipment states that it must not be disposed of in household waste at the end of its service life. Collection points for WASTE electrical and electronic equipment are available in your area for free returns. You can obtain the addresses from your city or local government. You can inform yourself on our website [www.arebos.de](http://www.arebos.de) about other return options created by us.



The separate collection of WEEE is intended to prevent reuse, recycling or other forms of recovery of WEEE, as well as the negative consequences of disposal on the environment and human health.

**Our customer service number: Tel. +44 (0) 208 068 5604**

**fax: +49 (0) 931 4523 2799 / e-mail: [info@arebos.de](mailto:info@arebos.de)**

Office address: Canbolat Vertriebs GmbH • Gneisenaustraße 10-11 • 97074 Würzburg

**Return address** can be found in the imprint: <https://www.arebos.de/impressum/>

Sales tax identification number: DE 263752326

Court of commercial registration is Würzburg, HRB 10082

WEEE-Reg. No. DE 61617071

## EU Declaration of Conformity



We, the **Canbolat Vertriebsgesellschaft mbH**  
Gneisenaustrasse 10-11  
97074 Würzburg, Germany

declare, under sole responsibility, that the following product:

Brand **AREBOS**

Product Cooling Box 20L / 25L / 40L

Product Model AR-HE-KB20R / AR-HE-KB30R / AR-HE-KB40R  
AR-HE-KB20A / AR-HE-KB30A / AR-HE-KB40A

Article 4260627422333 / 4260627422340 / 4260627422357  
4252023117791 / 4252023117807 / 4252023117814

has been developed, designed and manufactured in accordance with the requirements of **European directives:** 2014/35/EU  
2014/30/EU  
2011/65/EU

The subject matter of the declaration described above is in accordance with the relevant harmonisation legislation of the European Union.

The assessment shall be based on the following **harmonised standards** applied:

EN 60335-1:2012+A11+A13+A1+A14+A2+A15,  
EN 60335-2-24:2010+A1+A2+A11,  
EN 62233:2008  
EK1 527-12 Rev.2  
EN IEC 55014-1:2021  
EN IEC 55014-2: 2021  
EN IEC 61000-3-2:2019+A1  
EN 61000-3-3:2013+A1+A2  
EN 62552-1:2020 + EN 62552-2:2020 + EN 62552-3:2020

Other applied technical standards and specifications: (EU) 2015/863  
(EC) No. 1907/2006  
(EU) 2019/2019  
(EU) 2021/341  
(EC) No 1935/2004

Place and date of issue: Würzburg, 10/10/2023

Signature:

Dipl.-Inform. (Univ.) Korhan Canbolat, Managing Director

If the device is modified without our consent, this declaration of conformity loses its validity.