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KROAK rlvYNFA1I

KROAK 45L Portable Compressor Refrigerator

USER MANUAL

Brand: KROAK | Model: rlvYNFA1I

Introduction

Thank you for choosing the KROAK 45L Portable Compressor Refrigerator. This versatile appliance is designed to keep your food and beverages cool or frozen, whether you're on a road trip, camping, or simply need extra refrigeration at home. With its dual-zone capability, robust design, and multiple power options, it offers reliable performance in various environments. Please read this manual carefully before use to ensure proper operation and maintenance.

Safety Instructions

- Ensure the power supply matches the voltage requirements of the refrigerator (12V/24V DC or 100-240V AC).
- Do not operate the refrigerator if the power cord is damaged. Contact customer support for assistance.
- Keep the refrigerator away from heat sources and direct sunlight to ensure optimal cooling performance.
- Ensure adequate ventilation around the unit. Do not block the ventilation openings.
- Do not immerse the refrigerator in water or expose it to heavy rain.
- Avoid placing corrosive or flammable materials inside the refrigerator.
- Always unplug the unit before cleaning or performing any maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Package Contents

Upon unpacking, please verify that all items are present and in good condition:

- 1x KROAK 45L Portable Compressor Refrigerator
- 1x Foldable Trolley Handle
- 4x Robust Wheels
- 1x Removable Divider
- 1x DC Power Cable (12V/24V)

- 1x AC Adapter (100-240V)
- 1x User Manual

Product Features

Fast Cooling Performance

The KROAK 45L refrigerator is equipped with a powerful compressor that allows for rapid cooling. It can reach temperatures below 0°C in just 15 minutes. In MAX mode, it can achieve -20°C in less than 4 hours, ensuring your items are quickly chilled or frozen.



This image illustrates the rapid cooling performance of the KROAK refrigerator's powerful compressor, demonstrating how quickly it can reach desired low temperatures.

Dual-Zone System with Removable Divider

This refrigerator features a versatile dual-zone system. With the removable divider, you can create two separate

compartments: one for cooling (e.g., beverages at 5°C) and one for freezing (e.g., meat at -18°C). Removing the divider transforms the unit into a single, large 45L space, ideal for bulk storage.

DUAL ZONE

Keep Fresh & Keep Freezer

-20°C

0°C

Freezer Fridge

-20°C ~ 20°C

Freezer

-20°C

Fridge

0°C ~ 20°C

Note:Please leave it standing for **12 hours** before use it

The diagram shows the flexible dual-zone configuration, allowing for simultaneous refrigeration and freezing or a single large compartment.

Enhanced Portability

Designed for convenience, the KROAK refrigerator includes a foldable trolley handle and robust wheels for easy transport. The side handles are non-slip and ergonomically shaped, making it simple to move the unit even across uneven terrain.



A person is shown effortlessly pulling the refrigerator across a grassy area, highlighting its portability features.

Energy-Saving ECO Mode and Versatile Power Options

In ECO mode, the refrigerator consumes only 0.18 kWh per day, making it highly energy-efficient. It can be powered by 12V/24V DC (car/truck) or 100-240V AC (home). An included adapter also allows for connection to solar panels, providing flexible power solutions for any situation.

ENERGY-SAVING WITH LOW CONSUMPTION



ECO MODE



Our ECO MODE:

≤0.18KWh per day

VS

Others:

0.45KWh per day

This image compares the energy consumption of the KROAK refrigerator's ECO mode to other models, emphasizing its efficiency.

USE ANYTIME ANYWHERE

Multiple Methods for Power Supply



The image displays the various power input options, including solar, AC, and DC, making the refrigerator adaptable to different power sources.

Durable and User-Friendly Design

Constructed for durability, the KROAK refrigerator is built to withstand harsh environments, including rough roads and rainy conditions. It features built-in LED lights for easy use at night and practical cup holders on the top surface for added convenience.



A detailed view of the refrigerator with labels pointing out key features such as the small cutting board, LED light, display, handles, and quiet wheels.

Setup

- Unpacking and Initial Placement:** Carefully remove the refrigerator from its packaging. For optimal performance and to allow the refrigerant to settle, place the unit upright on a flat, stable surface for at least 12 hours before first use.
- Attaching Wheels and Handle:** If not pre-assembled, attach the robust wheels to the designated slots at the bottom of the refrigerator. Secure the foldable trolley handle according to the instructions provided in the quick start guide.
- Power Connection:**
 - **DC Power (12V/24V):** Connect the DC power cable to the refrigerator's DC input port and then to your vehicle's 12V or 24V power outlet (e.g., cigarette lighter socket).
 - **AC Power (100-240V):** Connect the AC adapter to the refrigerator's AC input port, then plug the adapter into a standard 100-240V wall outlet.
- Installing the Divider:** If you wish to use the dual-zone functionality, insert the removable divider into the designated slot inside the main compartment. This will separate the space into two distinct zones for cooling and freezing.

Operating Instructions

- Power On/Off:** Press the power button on the control panel to turn the refrigerator on or off. The display will illuminate when the unit is active.
- Temperature Adjustment:** Use the '+' and '-' buttons on the control panel to set your desired temperature. The temperature range is typically from -20°C to +20°C. The display will show the current internal temperature.
- Mode Selection (MAX/ECO):** Press the 'SET' or 'MODE' button to cycle between MAX and ECO modes.
 - **MAX Mode:** Provides maximum cooling power for rapid temperature reduction. This mode consumes more energy.
 - **ECO Mode:** Optimizes energy consumption for longer operation, ideal when power efficiency is a priority. Cooling may be slower in this mode.
- Dual-Zone Management:** When the divider is in place, the refrigerator will automatically manage temperatures for the two zones based on your overall setting. The larger compartment typically functions as the primary cooling/freezing zone, while the smaller one maintains a higher temperature suitable for refrigeration.

5. **App Control (if applicable):** Some models may support Bluetooth app control. Refer to the separate app instructions or product packaging for details on downloading and connecting the app to manage settings remotely.

Maintenance


- **Cleaning:** Regularly clean the interior and exterior of the refrigerator with a damp cloth and mild detergent. Do not use abrasive cleaners or solvents. Ensure the unit is unplugged before cleaning.
- **Defrosting:** If ice builds up inside, unplug the unit and allow the ice to melt naturally. Wipe away any melted water.
- **Ventilation:** Periodically check and clean the ventilation openings to ensure proper airflow and prevent overheating.
- **Storage:** When storing the refrigerator for extended periods, ensure it is clean, dry, and the lid is slightly ajar to prevent odors and mildew. Store in a cool, dry place.

Troubleshooting

Problem	Possible Cause	Solution
Refrigerator not cooling	No power, incorrect temperature setting, blocked ventilation, faulty compressor.	Check power connection. Adjust temperature. Ensure clear ventilation. Contact support if compressor issue suspected.
Unit is too noisy	Uneven surface, fan obstruction, normal compressor operation.	Place on a flat surface. Check for obstructions around fan. Some noise is normal during operation.
Temperature display error	Sensor issue, temporary glitch.	Restart the unit. If error persists, contact customer support.
Food not cold enough in one zone	Divider placement, overfilling, frequent opening.	Ensure divider is correctly placed. Do not overfill. Minimize lid openings.

Specifications

Feature	Specification
Brand	KROAK
Model Number	rlvYNFA1I
Capacity	45 Liters
Product Dimensions (L x W x H)	71 x 44.5 x 52.5 cm
Temperature Range	-20°C to +20°C
Power Input	DC 12V/24V, AC 100-240V
Energy Efficiency Class	E
Annual Energy Consumption	240 kWh/annum
Noise Level	<45 dB
EPREL Product Information	View EPREL Data

<div><div>Produktdatenblatt</div><div>DELEGIERTE VERORDNUNG (EU) 2019/2016 DER KOMMISSION zur Energieverbrauchskennzeichnung von Kühlgeräten</div><div>Name oder Handelsmarke des Lieferanten: KROAK</div><div>Anschrift des Lieferanten: MARWAY Consulting UG (haftungsbeschränkt), Am Maibusch 108 -110,45883, Gelsenkirchen, Germany, DE</div><div>Modellkennung: LDW45</div><div>Art des Kühlgeräts:</div><div><div>Geräuscharmes Gerät:</div><div>Nein</div><div>Bauart:</div><div>freistehend</div></div><div><div>Weinlagerschrank:</div><div>Nein</div><div>Anderes Kühlgerät:</div><div>Ja</div></div><div>Allgemeine Produktparameter:</div><div><div><div>Parameter</div><div>Wert</div><div>Parameter</div><div>Wert</div></div><div><div><div>Gesamtabmessungen (in Millimeter)</div><div><div>Höhe</div><div>Breite</div><div>Tiefe</div></div><div><div>508</div><div>265</div><div>386</div></div></div><div><div><div>Gesamtrauminhalt (in dm³ oder l)</div><div>31</div></div></div></div><div><div>EEI</div><div>98</div><div>Energieeffizienzklasse</div><div>E</div></div><div><div>Luftschallemissionen (in dB(A) re 1 pW)</div><div>43</div><div>Luftschallemissionsklasse</div><div>D</div></div><div><div>Jährlicher Energieverbrauch (in kWh/a)</div><div>240</div><div>Klimaklasse:</div><div>erweiterte gemäßigte Zone, gemäßigte Zone, subtropische Zone</div></div><div><div>Mindestumgebungstemperatur (in °C), für die das Kühlgerät geeignet ist</div><div>10</div><div>Höchstumgebungstemperatur (in °C), für die das Kühlgerät geeignet ist</div><div>38</div></div><div><div>Winterschaltung</div><div>Nein</div></div><div>Fachparameter:</div><div><div><div>Fachtyp</div><div>Rauminhalt des Fachs (in dm³ oder l)</div><div>Empfohlene Temperatureinstellung für eine optimierte Lebensmittellagerung (in °C) Diese Einstellungen dürfen nicht im Widerspruch zu den Lagerbedingungen</div><div>Gefrierermögen (in kg/24h)</div><div>Defrosting type (auto-defrost=A, manual defrost=M)</div></div></div></div></div>					
<div><div>Speisekammerfach</div><div>Nein</div><div>-</div><div>-</div><div>-</div><div>-</div></div> <div><div>Weinlagerfach</div><div>Nein</div><div>-</div><div>-</div><div>-</div><div>-</div></div> <div><div>Kellerfach</div><div>Nein</div><div>-</div><div>-</div><div>-</div><div>-</div></div> <div><div>Lagerfach für frische Lebensmittel</div><div>Ja</div><div>31,0</div><div>4</div><div>-</div><div>M</div></div> <div><div>Kaltlagerfach</div><div>Nein</div><div>-</div><div>-</div><div>-</div><div>-</div></div> <div><div>Null-Sterne- oder Eisbereiterfach</div><div>Nein</div><div>-</div><div>-</div><div>-</div><div>-</div></div> <div><div>Ein-Sterne-Fach</div><div>Nein</div><div>-</div><div>-</div><div>-</div><div>-</div></div> <div><div>Zwei-Sterne-Fach</div><div>Nein</div><div>-</div><div>-</div><div>-</div><div>-</div></div> <div><div>Drei-Sterne-Fach</div><div>Nein</div><div>-</div><div>-</div><div>-</div><div>-</div></div> <div><div>Vier-Sterne-Fach</div><div>Nein</div><div>-</div><div>-</div><div>-</div><div>-</div></div> <div><div>Zwei-Sterne-Abteil</div><div>Nein</div><div>-</div><div>-</div><div>-</div><div>-</div></div> <div><div>Fach mit variabler Temperatur</div><div>-</div><div>-</div><div>-</div><div>-</div><div>-</div></div>					
<div><div>Lichtquellenparameter:</div><div><div>Art der Lichtquelle</div><div>-</div></div><div><div>Energieeffizienzklasse</div><div>-</div></div><div>Mindestlaufzeit der vom Hersteller angebotenen Garantie: 12 Monate</div><div>Weitere Angaben:</div><div>Weblink zur Website des Lieferanten, auf der die Informationen gemäß Anhang II Nummer 4 der Verordnung (EU) 2019/2019 der Kommission zu finden sind: None</div></div>					
<div><div>Das Modell wurde auf dem Unionsmarkt in Verkehr gebracht , und zwar ab dem 23/12/2024</div><div></div><div><div>EPREL-Eintragungsnummer 2229850</div><div>https://eprel.ec.europa.eu/qr/2229850</div></div><div><div>Lieferant: Donghuababa (Bevollmächtigter)</div><div>Website:</div></div><div><div>Kundenbetreuung:</div><div><div>Name: MARWAY Consulting UG (haftungsbeschränkt)</div><div>Website:</div></div><div><div>E-Mail-Adresse: MARWAY.UG@outlook.com</div><div>Telefonnummer: 004917645084650</div></div><div><div>Anschrift:</div><div>Am Maibusch 108 -110,45883, Gelsenkirchen, Germany Deutschland</div></div></div></div>					

The official product data sheet and energy label provide detailed information on the refrigerator's performance and energy efficiency.

Warranty and Support



The KROAK 45L Portable Compressor Refrigerator comes with a 12-month manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.





For technical support, warranty claims, or any questions regarding your product, please contact KROAK customer service through the retailer where you purchased the product or visit the official KROAK website for contact information.

Please retain your proof of purchase for warranty purposes.

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Related Documents - rlvYNFA11

	<div><div>KROAK Car Refrigerator Use Manual</div><div>This manual provides detailed instructions for the KROAK Car Refrigerator, covering operation, safety precautions, troubleshooting, and app control. It details features like dual-zone cooling, variable frequency compressor, and low voltage protection.</div></div>
	<div><div>KROAK Car Refrigerator Use Manual: LDW35/45/55 Series</div><div>Comprehensive use manual for the KROAK Car Refrigerator (LDW35/45/55 Series), detailing features, operation, safety, troubleshooting, and app control for optimal portable cooling.</div></div>

	<p>KROAK S41610 Car Refrigerator User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for the KROAK S41610 Car Refrigerator, covering product features, safety instructions, operation, troubleshooting, and app control.</p>
	<p>Kroak Car Refrigerator Use Manual</p> <p>This manual provides comprehensive instructions for the Kroak Car Refrigerator, covering its features, operation, safety precautions, troubleshooting, and maintenance. It details how to use the device with both DC and AC power, its dual-zone temperature control, and the accompanying mobile app for enhanced functionality.</p>
	<p>KROAK Car Refrigerator Use Manual - LD30/40/50 Series</p> <p>Comprehensive user manual for the KROAK Car Refrigerator (LD30/40/50 Series). Learn about product functions, safety, operation, troubleshooting, and app control.</p>
	<p>Kroak TB2 Diesel Heater User Manual Kroak.store</p> <p>Official user manual for the Kroak TB2 Diesel Heater, a 6L All-In-One Bluetooth diesel heating unit. Find operating instructions, safety guidelines, and support information.</p>