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› VEVOR 15L Portable Car Refrigerator (Model EB18-C) Instruction Manual

VEVOR EB18-C

VEVOR 15L Portable Car Refrigerator (Model EB18-C) Instruction Manual

1. INTRODUCTION

Thank you for choosing the VEVOR 15L Portable Car Refrigerator, Model EB18-C. This appliance is designed to provide efficient cooling and freezing for your food and beverages, whether you are on the road, camping, or at home. It features a robust compressor cooling system, precise temperature control via a touch panel or app, and versatile power options. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.



This image shows a man easily placing the VEVOR portable car refrigerator into the trunk of an SUV, illustrating its compact design and ease of transport. It highlights the product's practical application for road trips, camping, and other outdoor adventures where vehicle integration is essential.

2. SAFETY INSTRUCTIONS

- Ensure the power voltage matches the specifications before connecting the appliance.
- Do not operate the refrigerator if the power cord is damaged or if the appliance shows signs of malfunction.
- Keep ventilation openings clear of obstructions to ensure proper airflow and prevent overheating.
- Avoid placing the refrigerator in direct sunlight or near heat sources.
- Do not immerse the appliance in water or expose it to heavy rain.
- This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities unless supervised or instructed.
- Always disconnect the power supply before cleaning or performing maintenance.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

3. PRODUCT OVERVIEW

The VEVOR 15L Portable Car Refrigerator is a compact and efficient cooling solution. It features a durable exterior, an intuitive control panel, and integrated handles for easy portability. The internal compartment is designed to hold various items, offering both refrigeration and freezing capabilities.



This image presents a clear view of the VEVOR 15L portable car refrigerator in its closed state. The appliance features a sleek white body with a black top panel, showcasing its compact and modern design suitable for various settings.

Suitable for Short Trips



This image illustrates the compact size and internal capacity of the VEVOR 15L portable car refrigerator, highlighting its suitability for short trips and outdoor activities. The internal dimensions are approximately 12.6 inches (320mm) in length, 9.8 inches (250mm) in width, and 6.3 inches (160mm) in height, confirming the 15-liter capacity.

4. SETUP

4.1 Unpacking

Carefully remove the refrigerator from its packaging. Inspect the appliance for any damage that may have occurred during transit. Retain the packaging materials for future transport or storage.

4.2 Power Connection

The VEVOR portable refrigerator supports two power supply methods:

- **DC 12V/24V:** Connect the provided cigarette lighter cord to the DC input port on the refrigerator and then to your vehicle's 12V or 24V cigarette lighter socket.
- **AC 100-240V:** Connect the provided AC power adapter to the AC input port on the refrigerator, then plug the adapter into a standard 100-240V AC wall outlet.

Ensure the power source is stable and matches the refrigerator's requirements. The refrigerator will automatically detect the input voltage.

2 Ways of Power Supply



DC 12/24V Car Cigarette Wire



AC 100-240V Power Adapter

This image illustrates the dual power supply options for the VEVOR portable refrigerator. It shows the refrigerator being powered by a DC 12V/24V car cigarette lighter cable, suitable for vehicle use, and an AC 100-240V power adapter for home or standard electrical outlet use. This versatility ensures the refrigerator can be used in various environments.

4.3 Initial Use

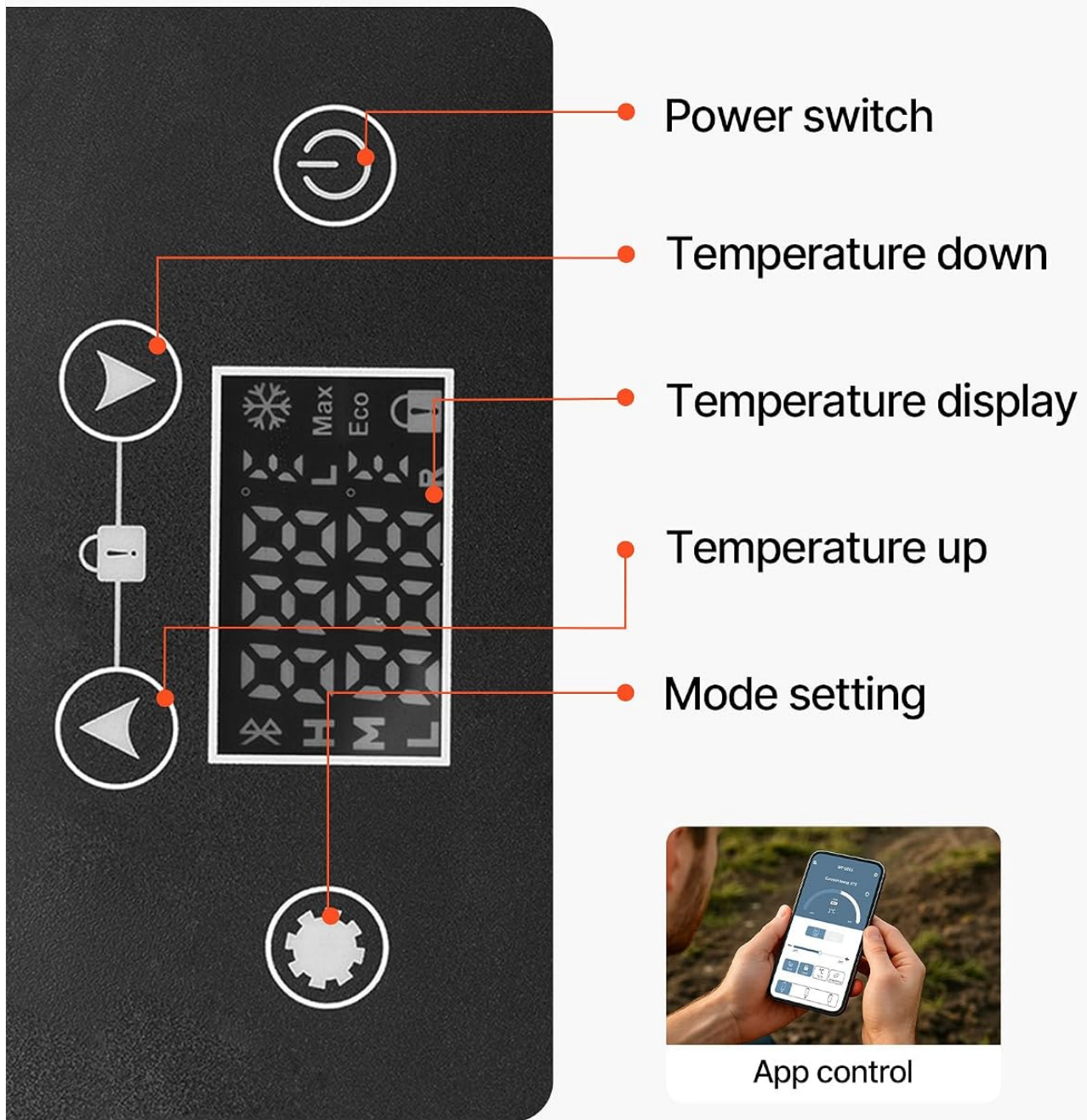
After connecting to power, press the power button on the control panel to turn on the refrigerator. Allow it to run for at least 30 minutes to reach the desired temperature before loading items.

5. OPERATING INSTRUCTIONS

5.1 Control Panel Functions

The control panel allows for easy adjustment of settings:

Easily Set and Check Temperature

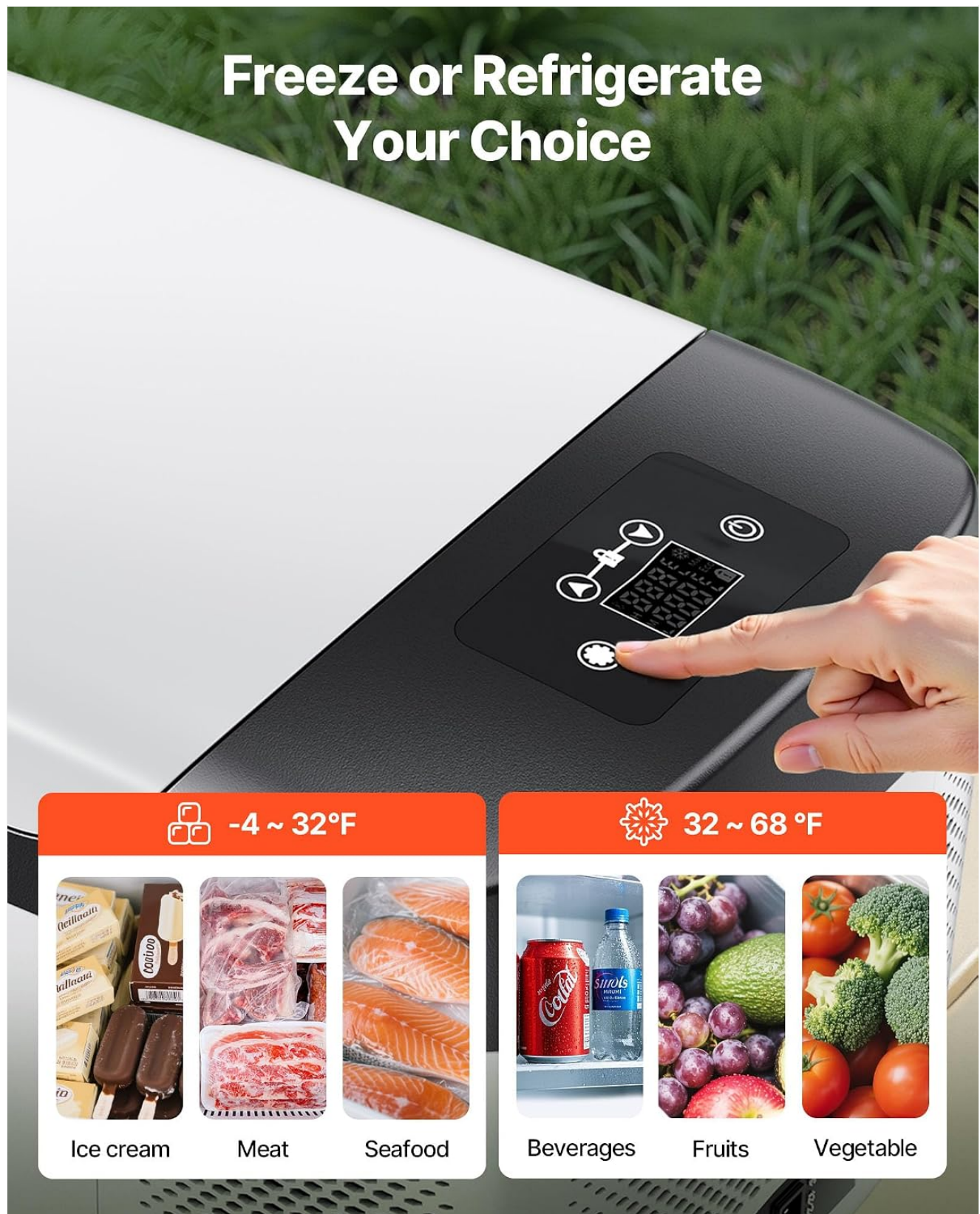


This diagram provides a clear guide to the control panel of the VEVOR portable refrigerator. It labels the Power switch, Temperature down button, Temperature display, Temperature up button, and Mode setting button. An additional icon indicates the availability of app control for convenient temperature management.

- **Power Switch:** Press to turn the unit ON or OFF.
- **Temperature Up/Down:** Use these buttons to increase or decrease the target temperature.
- **Temperature Display:** Shows the current internal temperature.
- **Mode Setting:** Press to cycle through different operating modes (e.g., MAX for fast cooling, ECO for energy saving).

5.2 Temperature Settings

The refrigerator offers a wide adjustable temperature range from -20°C to 20°C (-4°F to 68°F), allowing you to choose between freezing and refrigeration.



This image highlights the versatility of the VEVOR refrigerator, allowing users to choose between freezing and refrigeration modes. It displays examples of items suitable for freezing, such as ice cream, meat, and seafood (temperature range -4°F to 32°F), and items for refrigeration, like beverages, fruits, and vegetables (temperature range 32°F to 68°F). A close-up of the control panel is also visible.

5.3 Cooling Performance

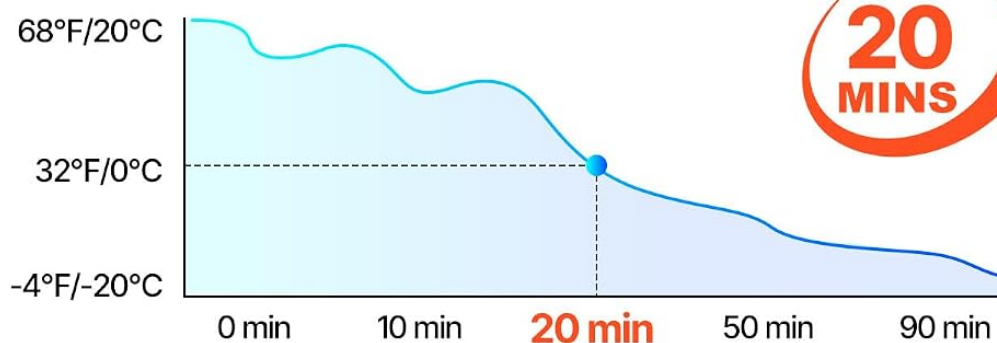
The compressor cooling technology allows for rapid temperature reduction. The unit can cool from 20°C (68°F) to 0°C (32°F) in approximately 20 minutes (based on empty chamber test data at room temperature).

Fast and Efficient Cooling

Powerful freezing technology for different food & drinks



From 68°F to 32°F within



* Empty chamber test data at room temperature

This graph demonstrates the rapid cooling capability of the VEVOR portable refrigerator. It shows the temperature dropping from 20°C (68°F) to 0°C (32°F) within approximately 20 minutes, based on empty chamber test data at room temperature. The image also features the refrigerator in a snowy outdoor setting, emphasizing its robust performance in various conditions.

5.4 App Control

The refrigerator can be controlled via a dedicated mobile application. Download the app from your smartphone's app store, connect to the refrigerator via Bluetooth, and follow the in-app instructions to manage settings remotely.

5.5 Battery Protection System

When connected to a vehicle's DC power, the refrigerator features a three-level battery protection system to prevent excessive discharge of your vehicle's battery. You can typically adjust these levels (High, Medium, Low) through the control panel or app to suit your battery type and usage.

6. MAINTENANCE

6.1 Cleaning

- Always disconnect the power before cleaning.
- Wipe the interior and exterior surfaces with a damp cloth and a mild detergent.
- Do not use abrasive cleaners or sharp objects, as they can damage the surfaces.
- Ensure the unit is completely dry before reconnecting power.

6.2 Defrosting

This refrigerator features a manual defrosting system. If a layer of ice forms inside, turn off the unit and allow the ice to melt naturally. Remove the melted water with a cloth. Do not use sharp tools to remove ice, as this can damage the cooling elements.

6.3 Storage

When storing the refrigerator for an extended period, ensure it is clean, dry, and the lid is slightly ajar to prevent odors and mildew. Store in a dry, well-ventilated area.

7. TROUBLESHOOTING

If you encounter issues with your refrigerator, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Refrigerator not turning on	No power supply; Damaged power cord; Blown fuse in vehicle	Check power connections; Inspect power cord; Check vehicle's fuse box
Insufficient cooling	Lid not closed properly; Overloaded with warm items; Poor ventilation; Temperature setting too high	Ensure lid is sealed; Reduce load; Clear ventilation openings; Lower temperature setting
Unusual noise	Unit not level; Fan obstruction	Place on a flat, stable surface; Check for obstructions around the fan
Error code on display	Sensor fault; Low voltage	Refer to the app or VEVOR support for specific error code meanings; Check power supply

If the problem persists after attempting these solutions, please contact VEVOR customer service for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the VEVOR 15L Portable Car Refrigerator (Model EB18-C):

Feature	Specification
Model Number	EB18-C
Capacity	15 Liters (16 QT)
Voltage	12/24V (DC), 100-240V (AC)
Power	60W
Adjustable Temperature Range	-20°C to 20°C (-4°F to 68°F)
Energy Consumption	0.39 kWh/24h
Noise Level	≤45dB
Product Dimensions (L x W x H)	56.8 cm x 33 cm x 27.9 cm (22.36" x 12.99" x 10.98")
Net Weight	9.50 kg (20.94 lbs)
Configuration	Compact with internal freezer
Special Feature	App Control, Portable
Installation Type	Freestanding
Number of Doors	1
Defrosting System	Manual



1 x DC Power Cord



1 x AC Power Adapter



1 x Cigarette Lighter Cord



1 x User Manual

Item Model Number: **EB18-C**

Voltage: **12/24V (DC), 100-240V (AC)**

Power: **60W**

Adjustable Temperature Range:

-4°F to 68°F / -20°C to 20°C

Capacity: **16QT / 15L**

Net Weight: **20.94 lbs / 9.50 kg**

Energy Consumption: **0.39 kWh/24h**

Noise Level: **≤45dB**

Product Dimensions:

22.36 × 12.99 × 10.98 in

/ 568 × 330 × 279 mm

This image provides a detailed view of the VEVOR portable refrigerator's external dimensions: 22.36 inches (568mm) length, 12.99 inches (330mm) width, and 10.98 inches (279mm) height. Below the refrigerator, the included accessories are displayed: 1x DC Power Cord, 1x AC Power Adapter, 1x Cigarette Lighter Cord, and 1x User Manual. Key specifications like model number, voltage, power, temperature range, capacity, energy consumption, noise level, and net weight are also listed.

9. WARRANTY AND SUPPORT

For information regarding warranty coverage and terms, please refer to the official VEVOR website or the warranty card included with your product. If you require technical support, have questions about operation, or need assistance with troubleshooting beyond what is covered in this manual, please contact VEVOR customer service

directly. Contact details can typically be found on the VEVOR website or in your product documentation.