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> VEVOR 30L Portable Car Refrigerator User Manual

VEVOR CX30

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Model: CX30

1. PRODUCT OVERVIEW

The VEVOR 30L Portable Car Refrigerator (Model CX30) is designed for efficient cooling and freezing of various items, making it ideal for travel, camping, and outdoor activities. This appliance offers a generous storage capacity and features a robust design for reliable performance on the go.



Figure 1: VEVOR 30L Portable Car Refrigerator with its lid open, displaying various beverages stored inside. The unit features a digital display and wheels for portability.

Key Features:

- **30L Storage Capacity:** Capable of holding approximately 42 cans of 330mL cola, 21 bottles of 550mL beverages, or 12 bottles of 750mL wine. Suitable for storing drinks, vegetables, fruits, seafood, meats, skincare products, and breast milk.
- **Durable and Portable Design:** Equipped with reliable wheels and an integrated handle for easy transportation.
- **User-Friendly Interface:** Features a digital display for temperature adjustment and a USB interface for charging mobile phones.

- **Smart Control:** Can be controlled via a mobile application for convenient operation.
- **Versatile Application:** Fits well in car trunks, behind car seats, or in truck beds, suitable for RVs, campsites, boats, fishing, road trips, and other outdoor activities.

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the appliance to prevent injury or damage.

- Ensure the power supply voltage matches the appliance's requirements (12V-14V DC or 120V-240V AC).
- Do not immerse the refrigerator in water or expose it to excessive moisture.
- Keep ventilation openings clear of obstructions to ensure proper airflow and prevent overheating.
- Avoid placing hot items directly into the refrigerator. Allow them to cool down first.
- Do not use sharp objects inside the refrigerator to avoid damaging the interior lining or cooling elements.
- Unplug the appliance from the power source before cleaning or performing any maintenance.
- Keep out of reach of children.

3. PRODUCT COMPONENTS

Familiarize yourself with the main components of your VEVOR portable refrigerator.

HUMANIZED DESIGN

Animated detail processing for easy using



Figure 2: Detailed view of the refrigerator's features, including the LED display, USB charger, cup holders, heat dissipation mesh, built-in handle, and reliable wheels. The control panel shows buttons for set mode, power switch, temperature adjustment, and Bluetooth indicator.

- **LED Display:** Shows current temperature and settings.
- **USB Charger:** For charging external devices.
- **Cup Holder:** Integrated into the lid for convenience.
- **Heat Dissipation Mesh:** Ensures proper cooling and prevents overheating.
- **Built-in Handle:** For easy lifting and carrying.
- **Reliable Wheels:** For effortless transportation.
- **Control Panel:** Includes buttons for Set Mode, Power Switch, Temperature adjustment (+/-), and a Bluetooth indicator.

4. SETUP

Follow these steps for initial setup of your portable refrigerator.

4.1 Unboxing and Placement

1. Carefully remove the refrigerator from its packaging.
2. Inspect the unit for any signs of damage. If damaged, do not operate and contact customer support.
3. Place the refrigerator on a flat, stable surface. Ensure there is adequate ventilation around the unit, especially near the heat dissipation mesh.

4.2 Power Connection

The refrigerator can be powered by both DC and AC sources.



BATTERY PROTECTION & ENERGY SAVING

Keep the battery from running out automatically

 12V-14V
Insert the cigarette lighter to use

 120V-240V
Plug into socket to use

VEVOR



 **H/M/L Battery Protection**

 **Energy Saving**

Figure 3: Power connection options for the VEVOR portable refrigerator, illustrating both 12V-14V DC input for vehicle cigarette lighters and 120V-240V AC input for standard wall sockets.

- **DC Power (12V-14V):** Use the provided DC power cable to connect the refrigerator to your vehicle's cigarette lighter socket. This is suitable for car, RV, or boat use.
- **AC Power (120V-240V):** Use the provided AC adapter to connect the refrigerator to a standard wall socket. This is suitable for home or campsite use.

Once connected, the LED display will illuminate, indicating the unit is ready for operation.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- Press the **Power Switch** button on the control panel to turn the unit on or off.

5.2 Temperature Adjustment

- Press the **Set Mode** button to cycle through temperature settings or modes (if applicable).
- Use the **Temperature +** and **Temperature -** buttons to adjust the desired temperature. The current temperature will be displayed on the LED screen.

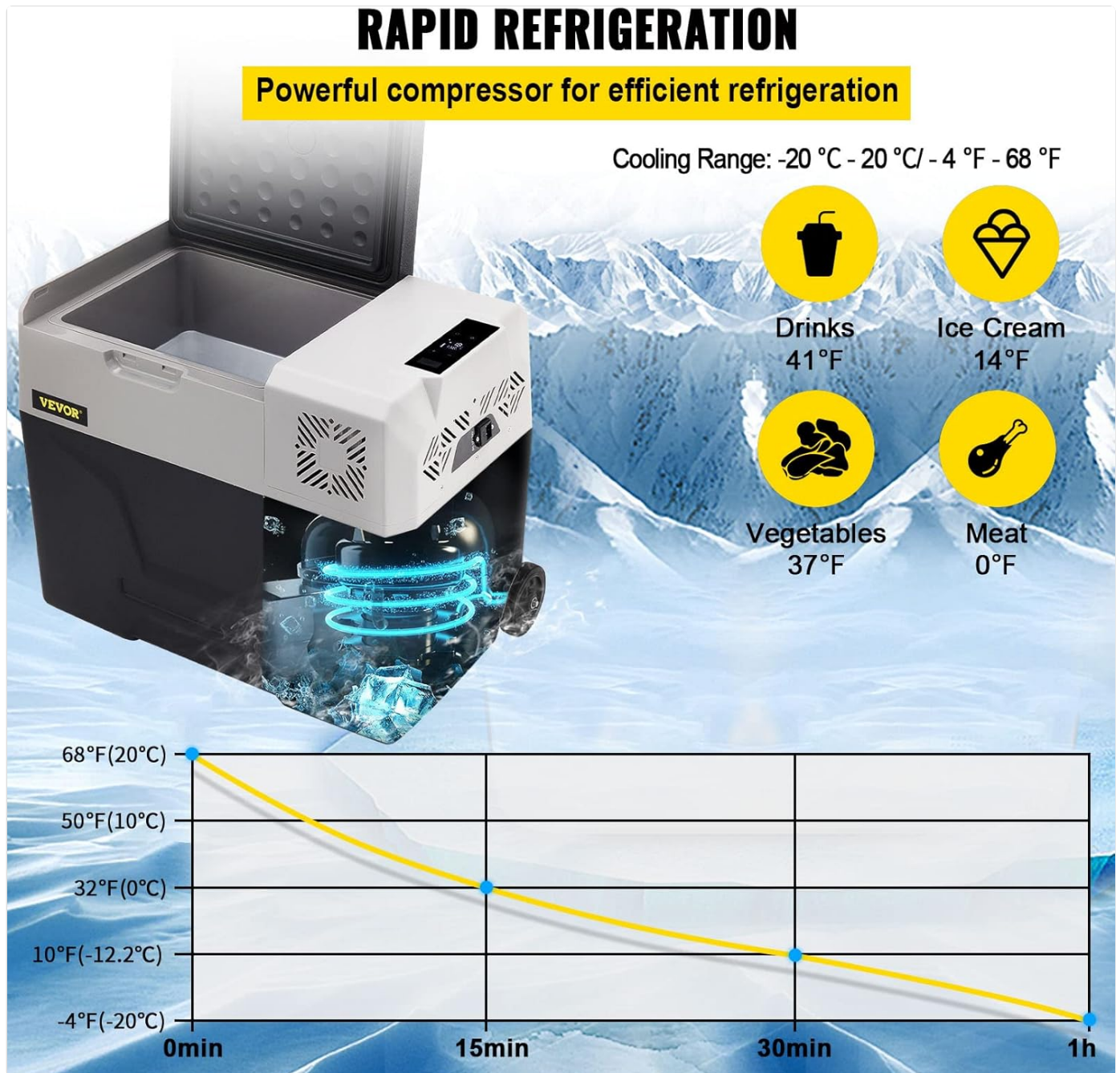


Figure 4: Illustration of the rapid refrigeration capability, demonstrating the unit's ability to cool from 20°C (68°F) to -20°C (-4°F) in approximately one hour. Recommended temperatures for various items are also shown.

5.3 Mobile App Control

The refrigerator supports control via a mobile application (Bluetooth connectivity).

1. Download the dedicated mobile application (refer to the product packaging or manufacturer's website for app name/QR code).
2. Enable Bluetooth on your mobile device.
3. Open the app and follow the instructions to pair with your VEVOR refrigerator.
4. Once connected, you can monitor and adjust settings remotely via the app.

5.4 Battery Protection and Energy Saving

The unit features battery protection to prevent your vehicle's battery from running out automatically.

- The system automatically monitors the input voltage and will shut off the compressor if the voltage drops below a certain threshold, protecting your battery.
- Refer to the display for battery level indication.
- For optimal energy saving, ensure the lid is closed tightly and avoid frequent opening.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your refrigerator.

6.1 Cleaning

- Before cleaning, ensure the refrigerator is unplugged from all power sources.
- Clean the interior and exterior surfaces with a soft cloth dampened with mild detergent and water.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the surfaces.
- Wipe dry thoroughly after cleaning.
- Periodically clean the heat dissipation mesh to remove dust and debris, ensuring efficient cooling.

6.2 Storage

- If storing the refrigerator for an extended period, ensure it is clean and dry.
- Leave the lid slightly ajar to prevent odors and mold growth.
- Store in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Refrigerator not turning on.	No power supply; loose connection; blown fuse.	Check power cable connection; ensure power outlet is functional; check vehicle's fuse box.
Insufficient cooling.	Lid not closed properly; ventilation blocked; ambient temperature too high; too many items inside.	Ensure lid is sealed; clear ventilation openings; operate in a cooler environment if possible; do not overfill.

Problem	Possible Cause	Solution
Unusual noise.	Unit not level; fan obstruction.	Place on a level surface; check for any foreign objects near the fan.
Digital display not working.	Power issue; display malfunction.	Check power connection; if power is present and unit cools, contact support for display issue.

8. SPECIFICATIONS

Detailed technical specifications for the VEVOR 30L Portable Car Refrigerator.



Figure 5: Key product specifications including overall dimensions (24.8 x 14.9 x 14.8 inches / 631 x 378 x 375 mm) and weight (25.1 lbs / 11.4 kg).

Specification	Value
Brand	VEVOR
Model Number	CX30
Capacity	30 Liters
Dimensions (L x W x H)	631 x 378 x 375 mm (24.8 x 14.9 x 14.8 inches)
Weight	11.4 kg (25.1 lbs)
Voltage	12V-14V DC, 120V-240V AC
Cooling Type	Automatic
Material	Stainless Steel (finish)
Special Feature	Portable
Included Components	Refrigerator, DC power cable, AC power adapter

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact VEVOR customer support through their official website or the contact details provided with your purchase documentation.

Please have your model number (CX30) and purchase date ready when contacting support.