Feelfunn CF026-38BU

Feelfunn 40QT Dual Zone Portable Car Refrigerator User Manual

Model: CF026-38BU

Safety Information | Product Overview | Setup | Operation | Maintenance | Troubleshooting | Specifications | Warranty & Support

1. Safety Information

Please read all safety instructions carefully before using the Feelfunn Portable Car Refrigerator. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Initial Setup:** If the refrigerator has been inverted during delivery, allow it to stand upright for at least 12 hours before connecting to power. This ensures proper compressor operation.
- **Power Source:** Use only the provided DC cord (12/24V) or AC adapter (100-240V). Ensure the power source matches the refrigerator's voltage requirements.
- **Ventilation:** Ensure adequate ventilation around the refrigerator. Do not block air vents. Maintain a minimum clearance of 4 inches (10 cm) on all sides.
- **Water Exposure:** Do not expose the refrigerator to rain or immerse it in water. Avoid operating in wet conditions.
- **Temperature:** Do not place the refrigerator near heat sources or in direct sunlight for extended periods.
- **Cleaning:** Disconnect power before cleaning. Use a damp cloth; do not use abrasive cleaners or solvents.
- **Children:** Keep out of reach of children. This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities unless supervised.
- **Battery Protection:** The unit features 3-level battery protection to prevent vehicle battery drain. Adjust settings as needed for your vehicle.

2. Product Overview

The Feelfunn 40QT (38L) Dual Zone Portable Car Refrigerator is designed for versatile cooling and freezing on the go. It features two independent temperature zones, allowing you to simultaneously refrigerate and freeze items.

Key Features:

- **Dual-Zone Independent Control:** Two compartments with separate temperature settings from -4°F to 68°F (-20°C

to 20°C).

- **Fast Cooling:** Cools from 77°F (ambient) to 32°F in approximately 15 minutes, and down to -4°F in about 45 minutes.
- **Energy Efficient:** Features ECO mode for energy saving (under 30W) and MAX mode for rapid cooling (50W). Consumes less than 1 kWh per day with smart cycling.
- **Low Noise Operation:** Operates at approximately 45dB, ensuring minimal disturbance.
- **Anti-Shaking Design:** Equipped with 4 fixing holes for secure attachment in vehicles, maintaining stability on bumpy roads (up to 40° tilt).
- **User-Friendly Design:** Includes a removable storage basket, bottom drain plug for easy cleaning, built-in LED lights, ergonomic handles, and reversible doors.
- **Power Options:** Compatible with 12V/24V DC (car, RV) and 100-240V AC (home, camping power station).



Image: The Feelfunn 40QT Portable Car Refrigerator, showcasing its dual-zone design and overall structure.

3. Setup

3.1 What's in the Box

Before starting, ensure all components are present:

- 1 x Feelfunn 40QT Portable Refrigerator
- 1 x DC Power Cord (for 12V/24V vehicle use)
- 1 x AC Adapter (for 100-240V home use)
- 1 x User Manual
- 1 x Removable Large Storage Basket



Image: Visual representation of the items included in the package, such as the refrigerator, DC cord, AC adapter, and user manual.

3.2 Initial Placement

1. Unpack the refrigerator and remove all packaging materials.
2. Place the refrigerator in an upright position on a flat, stable surface.
3. If the unit was transported horizontally or inverted, allow it to stand upright for at least 12 hours before plugging it in. This allows the compressor oil to settle, preventing potential damage.
4. Ensure there is at least 4 inches (10 cm) of space around all sides of the unit for proper ventilation.

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Video: An unboxing and initial setup guide for the 12V Car Fridge, demonstrating how to unpack and prepare the unit for first use.

3.3 Power Connection

The refrigerator can be powered by either DC or AC:

- **DC Power (12V/24V):** Connect the DC power cord to the refrigerator's DC input port and then to your vehicle's 12V or 24V power outlet (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 wall outlet.

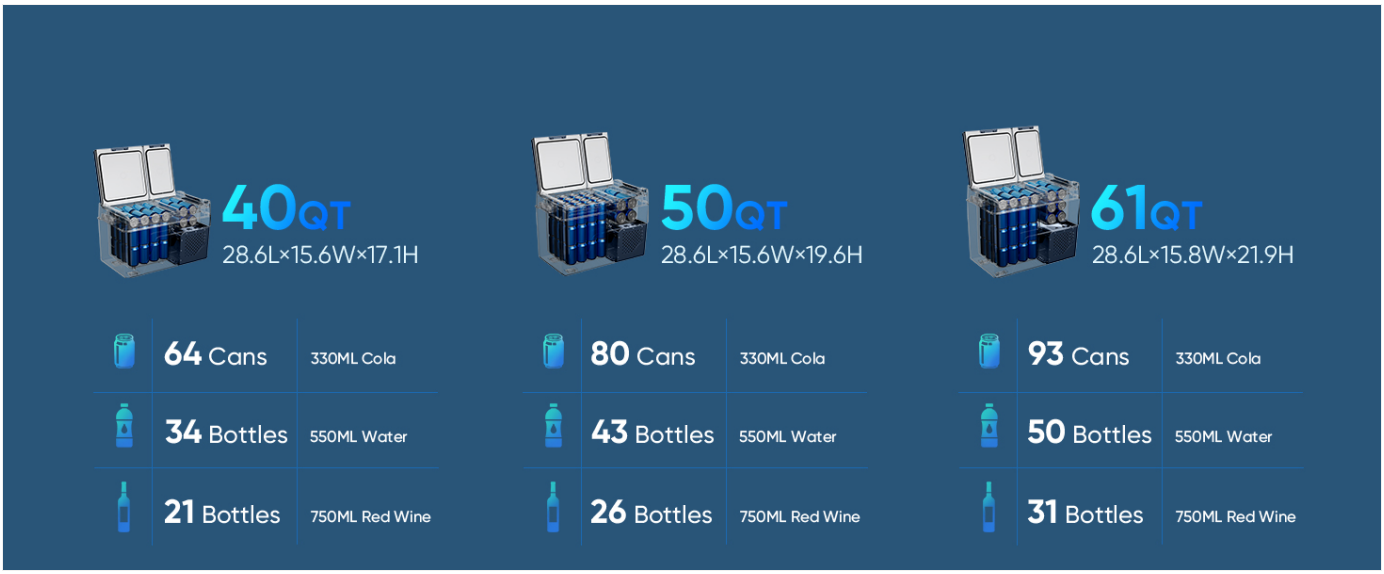


Image: Illustration of the multiple power options for the Feelfunn car refrigerator, including car use (12V/24V DC), solar power system, and indoor use (100-240V AC).

3.4 Securing the Unit (Optional)

For vehicle use, especially on uneven terrain, the refrigerator can be secured:

- The unit has four fixing holes on both sides. Use ropes (not included) to firmly secure the refrigerator to your vehicle. This prevents movement and ensures stable operation even on bumpy roads or inclines up to 40 degrees.



Image: Depiction of the refrigerator's anti-shake design, highlighting the four tie-down holes for securing it in a vehicle.

4. Operating Instructions

4.1 Control Panel Overview

The control panel allows you to manage the refrigerator's settings:



Image: Close-up of the smart control panel, showing buttons for power, temperature adjustment, and mode selection.

- **Power Button:** Press to turn the unit ON/OFF.
- **Settings Button (Gear Icon):** Press to cycle through settings or modes (e.g., ECO/MAX, Battery Protection).
- **Temperature Adjustment Buttons (+/-):** Use to increase or decrease the target temperature for each zone.
- **Zone Display (L/S):** 'L' indicates the large zone, 'S' indicates the small zone.

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Video: A demonstration of the usage scenarios, methods, and dual-zone temperature control of the Feelfunn car refrigerator.

4.2 Setting Temperatures

1. Turn on the refrigerator using the Power Button.
2. The display will show the current internal temperatures of both zones.
3. To adjust the temperature for a specific zone, press the corresponding '+' or '-' button. The display will flash, indicating it's ready for adjustment.
4. Use the '+' or '-' buttons to set your desired temperature. The temperature range is -4°F to 68°F (-20°C to 20°C).
5. After a few seconds, the display will stop flashing, and the new temperature setting will be active. The unit will begin cooling or heating to reach this temperature.
6. To switch between Celsius and Fahrenheit, press and hold the 'Settings' button for a few seconds until the unit changes.

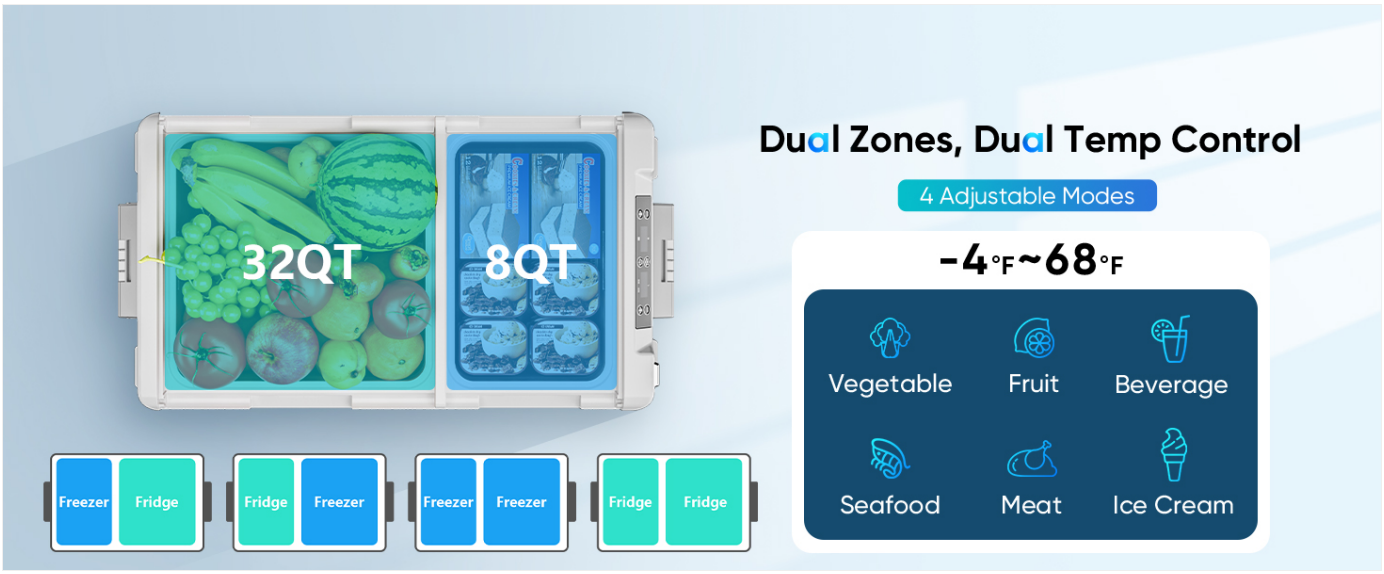


Image: Diagram illustrating the dual-zone temperature control, showing different temperature settings for each compartment and various food storage options.

4.3 Cooling Modes (ECO/MAX)

The refrigerator offers two cooling modes:

- **ECO Mode:** Energy-saving mode, ideal for maintaining temperature over longer periods with lower power consumption (under 30W).
- **MAX Mode:** Fast cooling mode, used for quickly reaching the desired temperature (50W).

To switch between modes, press the 'Settings' button until 'ECO' or 'MAX' is displayed.



Image: Graphic detailing the fast cooling performance and energy-saving ECO mode, showing temperature drop over time and power consumption.

4.4 Battery Protection Settings

The refrigerator includes a 3-level battery protection system to prevent excessive discharge of your vehicle's battery. This feature automatically cuts off power to the refrigerator if the input voltage drops below a set level.

- **H1 (High):** Highest cut-off voltage, suitable for protecting sensitive batteries.
- **N2 (Medium):** Standard cut-off voltage.
- **L3 (Low):** Lowest cut-off voltage, allows for longer operation but with higher risk of battery drain.

To adjust the battery protection level, press and hold the 'Settings' button until the battery icon flashes, then use the '+' or '-' buttons to select H1, N2, or L3. Release the button to confirm.



Image: Table showing the cut-out and cut-in voltages for the 3-level battery protection feature for both 12V DC and 24V DC inputs.

5. Maintenance

5.1 Cleaning

1. Always disconnect the refrigerator from the power source before cleaning.
2. Wipe the interior and exterior surfaces with a damp cloth and a mild detergent.
3. Do not use abrasive cleaners, steel wool, or chemical solvents, as these can damage the surfaces.
4. The refrigerator features a convenient bottom drain plug for easy water removal during cleaning or defrosting. Open the plug to drain any accumulated water.
5. Ensure the unit is completely dry before reconnecting to power.

5.2 Storage

- When not in use for an extended period, clean the refrigerator thoroughly and leave the lids slightly ajar to prevent odors and mold growth.
- Store in a dry, well-ventilated area.



Image: Overview of user-friendly design elements, including the interior LED light, portable handle, handy drain plug, and reversible doors.

6. Troubleshooting

If you encounter issues with your Feelfunn Portable Car Refrigerator, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Refrigerator does not turn on.	No power supply; loose connection; vehicle battery low.	Check power cord connection; ensure power outlet is functional; check vehicle battery voltage; adjust battery protection level (H1, N2, L3).
Refrigerator not cooling effectively.	Temperature setting too high; blocked ventilation; excessive items; ambient temperature too high.	Lower target temperature; ensure clear airflow around vents; do not overfill; operate in a cooler environment if possible.
Unusual noise from the unit.	Unit not level; fan obstruction; normal compressor operation.	Ensure unit is on a flat surface; check for obstructions around the fan; a slight humming sound from the compressor is normal.
Display shows an error code.	Internal fault.	Refer to the full user manual for specific error codes or contact customer support.

7. Specifications

Detailed technical specifications for the Feelfunn 40QT Portable Car Refrigerator:

Feature	Specification
Model Number	CF026-38BU
Capacity	40 Quart (38 Liters)
Product Dimensions (D x W x H)	15.6" x 28.6" x 17.1" (39.6cm x 72.6cm x 43.4cm)

Feature	Specification
Item Weight	35.71 Pounds (16.2 kg)
Temperature Range	-4°F to 68°F (-20°C to 20°C)
Voltage	12V/24V DC, 100-240V AC
Cooling Method	Compressor
Noise Level	Less than 45dB
Defrost System	Frost Free
Special Features	Dual-Zone Independent Control, Anti-Shake, Energy Efficient, Low Noise, Portable, Touch Control, 3-Level Battery Protection
Certifications	UL Certified, ETL

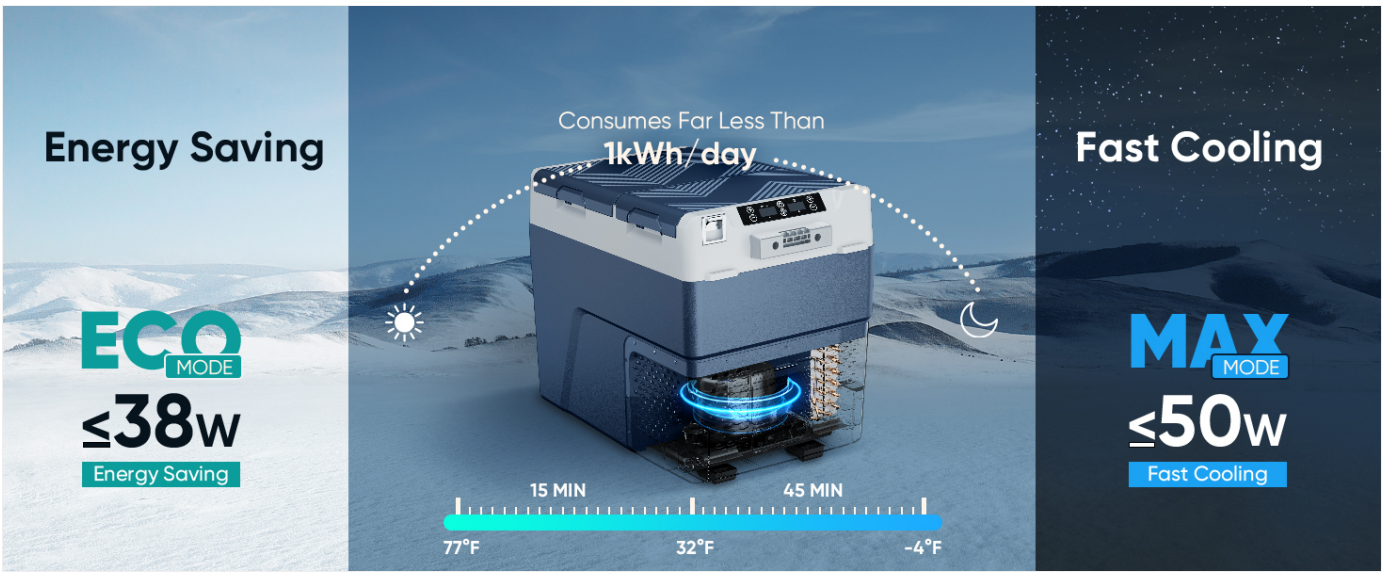


Image: Visual representation of the 40QT capacity and key dimensions of the refrigerator, including examples of how many cans or bottles it can hold.

8. Warranty & Support

8.1 Warranty Information

The Feelfunn 40QT Portable Car Refrigerator comes with a**1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

The warranty does not cover damage caused by:

- Improper installation or use.
- Accidents, abuse, or neglect.
- Unauthorized repairs or modifications.
- Natural disasters or external causes.

8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Feelfunn customer support. Refer to the contact information provided in your product packaging or on the official Feelfunn website.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question