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Foho 81f3e050-bf0c-49e9-a465-2964cfa9919b

Foho 52 Quart Portable Car Refrigerator/Freezer User Manual

Brand: Foho | Model: 81f3e050-bf0c-49e9-a465-2964cfa9919b

1. Safety Information

Please read all safety warnings and instructions carefully before using this appliance to prevent injury or damage. Keep this manual for future reference.

- Ensure the power supply voltage matches the appliance's requirements (12V/24V DC or 100-240V AC).
- Do not operate the appliance if the power cord is damaged. Contact qualified service personnel.
- Avoid placing the appliance in direct sunlight or near heat sources. Ensure adequate ventilation around the unit.
- Do not immerse the appliance in water or expose it to heavy rain.
- Keep children away from the appliance, especially when it is operating.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Always disconnect the power supply before cleaning or performing maintenance.

2. Product Overview

The Foho 52 Quart Portable Car Refrigerator/Freezer is designed for versatile use, offering cooling and freezing capabilities for various environments including cars, trucks, camping, and home use. It features a robust design with convenient portability.

2.1 Key Components

- **Telescopic Handle:** For easy pulling and transport.
- **Wheels:** Durable wheels for smooth mobility.
- **Control Panel:** Digital display with temperature adjustment and mode settings.
- **USB Charging Port:** For charging small electronic devices.
- **Internal Compartments:** Includes a removable divider for organizing contents.
- **Drain Plug:** For easy water drainage during cleaning.



Image: Overview of the control panel, USB charging port, LED light, wheels, and embedded handle.

The unit is constructed with high-quality plastic parts and features a shockproof design, making it suitable for various outdoor conditions.



Image: The refrigerator demonstrating its anti-shock and anti-shake capabilities on a 30-degree slope, highlighting its robust construction.

3. Setup

3.1 Unpacking and Placement

Carefully remove the refrigerator from its packaging. Place the unit on a flat, stable surface, ensuring there is sufficient space (at least 10 cm) around all sides for proper ventilation. Avoid placing it near heat sources or in direct sunlight.



Image: A person easily transporting the Foho portable refrigerator using its telescopic handle and wheels, demonstrating its portability for outdoor use.

3.2 Power Connection

The Foho portable refrigerator supports both DC (12V/24V) and AC (100-240V) power sources. Use the appropriate adapter provided for your power source.

- **For Car/Truck Use (DC):** Connect the 12V or 24V DC vehicle outlet adapter to the unit and then to your vehicle's cigarette lighter socket.
- **For Home Use (AC):** Connect the 100-240V home outlet adapter to the unit and then to a standard wall outlet.

Once connected, the unit will power on and the display will show the internal temperature.

4. Operating Instructions

4.1 Control Panel Functions

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

- **Power Button:** Press to turn the unit on or off.
- **Temperature Up/Down Buttons (▲ / ▼):** Adjust the desired temperature.
- **Mode Setting Button (Gear Icon):** Cycle through operating modes (e.g., ECO, MAX).
- **Temperature Display:** Shows the current internal temperature.

4.2 Temperature Adjustment

Press the ▲ or ▼ buttons to set your desired temperature. The display will flash while adjusting and then stabilize to show the current internal temperature once set.

4.3 Operating Modes

Press the mode setting button to switch between:

- **ECO Mode:** Energy-saving mode, suitable for maintaining temperature over longer periods.
- **MAX Mode:** Provides faster cooling, ideal for quickly reaching desired temperatures.

4.4 Smart Battery Protection

The unit features a built-in battery protection module that monitors your vehicle's battery voltage. If the voltage drops too low, the refrigerator will automatically stop operating to prevent draining your car battery, ensuring your vehicle can still start.

4.5 USB Charging Port

A USB charging port is integrated into the control panel for convenient charging of small electronic devices.

4.6 Internal Organization

The 52-quart capacity includes a removable divider, allowing you to separate items or create a single large compartment. The unit can be used as a refrigerator or freezer, with a fast cooling capability from 50°F to -4°F in approximately 45 minutes.



Image: Illustrates the dual-zone capacity of the Foho portable refrigerator, showing various items like seafood, meats, vegetables, beverages, and fruits, along with internal dimensions and bottle capacities.

4.7 Recommended Storage Temperatures

For optimal preservation, consider the following recommended storage temperatures:

Type of Food	Recommended Storage Temperature
Fruit	2°C ~ 8°C (35.6°F ~ 46.4°F)
Drinks	5°C ~ 10°C (41°F ~ 50°F)
Ice cream	-10°C ~ -18°C (14°F ~ -0.4°F)
Fresh meat and seafood	-3°C ~ -18°C (26.6°F ~ -0.4°F)
Vegetables	0°C ~ 10°C (32°F ~ 50°F)

Type of Food	Recommended Storage Temperature
Beer	4°C ~ 10°C (39.2°F ~ 50°F)
Red wine	10°C ~ 12°C (50°F ~ 53.6°F)

5. Maintenance

5.1 Cleaning

- Always disconnect the power before cleaning.
- Wipe the interior and exterior surfaces with a damp cloth and mild detergent. Avoid abrasive cleaners.
- Use the drain plug at the bottom of the unit to easily remove any accumulated water.
- Ensure the unit is completely dry before reconnecting power or storing.

5.2 Storage

When not in use for extended periods, ensure the unit is clean and dry. Store it in a cool, dry place with the lid slightly ajar to prevent odors and mildew.

6. Troubleshooting

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

- **Unit not powering on:** Check power connections (DC or AC). Ensure the power source is active. Verify the battery protection setting is not too high if using a vehicle battery.
- **Not cooling effectively:** Ensure the lid is properly sealed. Check for obstructions around the ventilation areas. Verify the temperature setting is appropriate for the desired cooling level.
- **Unusual noise:** A low hum is normal during operation. If the noise is excessive or unusual, ensure the unit is on a stable surface and not vibrating against other objects.
- **Display not working:** Check power connections. If the unit is still operating but the display is off, contact customer support.

For persistent issues, contact Foho customer support for assistance.

7. Specifications

Feature	Detail
Brand	Foho
Model Number	81f3e050-bf0c-49e9-a465-2964cfa9919b
Capacity	52 Quarts
Item Weight	42.5 pounds
Package Dimensions	28.5 x 24.9 x 17.6 inches
Voltage	12 Volts (DC) / 100-240V (AC)

Feature	Detail
Installation Type	Outdoor, Plug In
Special Features	Compact, Portable, Telescopic Handle, Wheels, Digital Display, USB Charging Port, Battery Protection
Defrost System	Automatic
Door Material Type	Plastic

8. Warranty and Support

For warranty information, product registration, or technical support, please refer to the official Foho website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

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