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Upstreman C3

Upstreman C3 Portable Car Refrigerator User Manual

Model: C3

1. Introduction

Thank you for choosing the Upstreman C3 Portable Car Refrigerator. This appliance is designed to provide reliable cooling and freezing for your food and beverages, whether you are at home, camping, or on the road. Please read this manual thoroughly before use to ensure proper operation and maintenance.

The Upstreman C3 features a 30L (32 Quart) capacity, dual temperature display, and operates efficiently as both a cooler and a freezer. Its robust design and versatile power options make it ideal for various applications.

2. Important Safety Information

- Ensure the refrigerator is placed on a stable, level surface to prevent tipping.
- Do not block the ventilation openings. Allow adequate space around the unit for proper airflow.
- Use only the provided AC and DC power cables. Using unauthorized cables may damage the unit or pose a safety risk.
- Do not immerse the refrigerator in water or expose it to heavy rain.
- Keep children away from the appliance, especially when it is operating.
- Unplug the unit before cleaning or performing any maintenance.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Avoid touching cold surfaces with wet hands to prevent frostbite.

3. Package Contents

Verify that all items are present in the package:

- 1 x Upstreman C3 30L Car Refrigerator
- 1 x 2.5m AC Power Cable
- 1 x 3.5m DC Power Cable
- 2 x Detachable Handles
- 1 x User Manual (this document)

4. Product Overview

The Upstreman C3 is a versatile portable refrigerator designed for convenience and efficiency. Key features include:

- **Dual Zone Capacity:** Features a 25L freezer zone and a 5L cooler zone, capable of holding up to 44 cans (300ml) or 23 water bottles (550ml). The internal partition is removable for a single 30L storage space.
- **Rapid Cooling:** Equipped with a high-efficiency compressor, it can cool down to 0°F (-18°C) in approximately 15 minutes in Max mode.
- **Low Noise Operation:** Operates at a quiet 39dB, ensuring minimal disturbance.
- **Dual Power Modes:** Supports both AC (120V-240V) for home use and DC (12V-40V) for car use, connecting via cigarette lighter sockets.
- **Battery Protection:** Features L/M/H modes (9.6V to 12.4V) to prevent vehicle battery drain.
- **Durable Construction:** Made with ABS insulating material for effective cold retention and impact resistance.



Figure 4.1: Internal layout showing 20.01L freezer zone and 9.18L fridge zone with removable partition. Capacity for 44 cans, 29 380ml drinks, or 23 550ml water bottles.



Figure 4.2: Fast cooling performance, reaching 0°F in 15 minutes using the powerful compressor.



Figure 4.3: Low noise operation at 39dB, comparable to a whisper, ensuring quiet use.



Figure 4.4: Control panel layout with temperature display, MAX/ECO mode settings, voltage protection mode, and power button.



Figure 4.5: Battery protection system (L/M/H modes) for vehicle use and ECO mode for energy saving (less than 1.0 kWh in 24 hours).



Figure 4.6: Dual power modes for versatile use at home (AC) or in a vehicle (DC).

5. Setup

1. **Unpacking:** Carefully remove the refrigerator from its packaging. Inspect for any shipping damage.
2. **Initial Placement:** Place the refrigerator on a flat, stable surface. Ensure there is at least 10 cm (4 inches) of space around all sides for proper ventilation.
3. **First Use:** Before plugging in, allow the unit to stand upright for at least 6 hours to allow the refrigerant to settle.
4. **Attaching Handles:** If the handles are not pre-attached, secure them to the sides of the refrigerator using the provided screws.
5. **Power Connection:**
    - **For Home Use (AC):** Connect the 2.5m AC power cable to the refrigerator's AC input, then plug it into a standard 120V-240V wall outlet.
    - **For Car Use (DC):** Connect the 3.5m DC power cable to the refrigerator's DC input, then plug it into your vehicle's 12V or 24V cigarette lighter socket.

6. **Removable Partition:** The internal partition can be inserted to create separate freezer and cooler zones, or removed to create a single large storage compartment. To remove, gently lift the partition upwards.



Figure 5.1: Illustration of the removable partition for flexible storage configuration.

6. Operating Instructions

Refer to Figure 4.4 (Control Panel) for button locations.

1. **Power On/Off:** Press the **Power button** ( ) to turn the unit on or off.
2. **Temperature Adjustment:**
   - Press the **Temp Up** ( ) or **Temp Down** ( ) buttons to set the desired temperature. The display will show the current and target temperatures.
   - The temperature range is from -4°F (-20°C) to 68°F (20°C).
3. **MAX/ECO Mode:**
   - Press the **MAX/ECO mode setting** button ( ) to switch between MAX (fast cooling) and ECO (energy-saving) modes.
   - **MAX Mode:** Provides maximum cooling power for rapid temperature reduction.
   - **ECO Mode:** Optimizes power consumption for longer operation, ideal for extended trips.
4. **Battery Protection Mode (L/M/H):**
   - Press the **Voltage protection mode** button ( ) to cycle through Low (L), Medium (M), and High (H) settings.
   - These settings adjust the cut-off voltage to prevent your vehicle's battery from draining. Choose a higher setting (H) for sensitive batteries or if you plan to leave the unit connected for a long time without the engine running.

7. Maintenance

1. **Cleaning:**
   - Always unplug the refrigerator before cleaning.
   - Wipe the interior and exterior surfaces with a damp cloth and a mild detergent. Do not use abrasive cleaners or solvents.
   - Ensure all surfaces are dry before plugging the unit back in.
2. **Defrosting:**
   - Frost may accumulate on the interior walls, especially in the freezer zone.
   - To defrost, turn off the unit and unplug it. Remove all contents.
   - Allow the frost to melt naturally. You can place a towel inside to absorb water. Do not use sharp objects to remove ice.

- Once defrosted, wipe the interior dry before restarting.

3. **Storage:** If storing the refrigerator for an extended period, ensure it is clean, dry, and the lid is slightly ajar to prevent odors and mold growth.

8. Troubleshooting

Problem	Possible Cause	Solution
Refrigerator does not turn on.	No power supply; faulty cable; power outlet issue.	Check power connections. Ensure AC/DC cable is securely plugged in. Test the power outlet.
Unit is not cooling sufficiently.	Temperature setting too high; poor ventilation; excessive contents; door not sealed properly.	Lower the temperature setting. Ensure adequate space around the unit. Do not overfill. Check door seal for obstructions.
Display shows an error code.	Internal fault; sensor issue.	Turn off the unit, unplug, wait 5 minutes, then plug back in and restart. If the error persists, contact customer support.
Vehicle battery drains quickly.	Battery protection mode set too low.	Adjust the battery protection mode to a higher setting (M or H).
Excessive noise during operation.	Unit not level; fan obstruction.	Ensure the unit is on a level surface. Check for any obstructions around the fan area.

9. Specifications

Feature	Specification
Model Name	C3
Brand	Upstreman
Capacity	30 Liters (32 Quart)
Freezer Capacity	25 Liters
Fresh Food Capacity	5 Liters
Product Dimensions (D x W x H)	13.7"D x 14.57"W x 24.76"H
Item Weight	31.8 pounds
Voltage	240 volts (AC input range), 12V/24V DC
Temperature Range	-4°F to 68°F (-20°C to 20°C)
Cooling Method	Compressor
Defrost System	Automatic
Material	Plastic (ABS insulating material)

Feature	Specification
Color	Navy Blue & White
UPC	793227896975

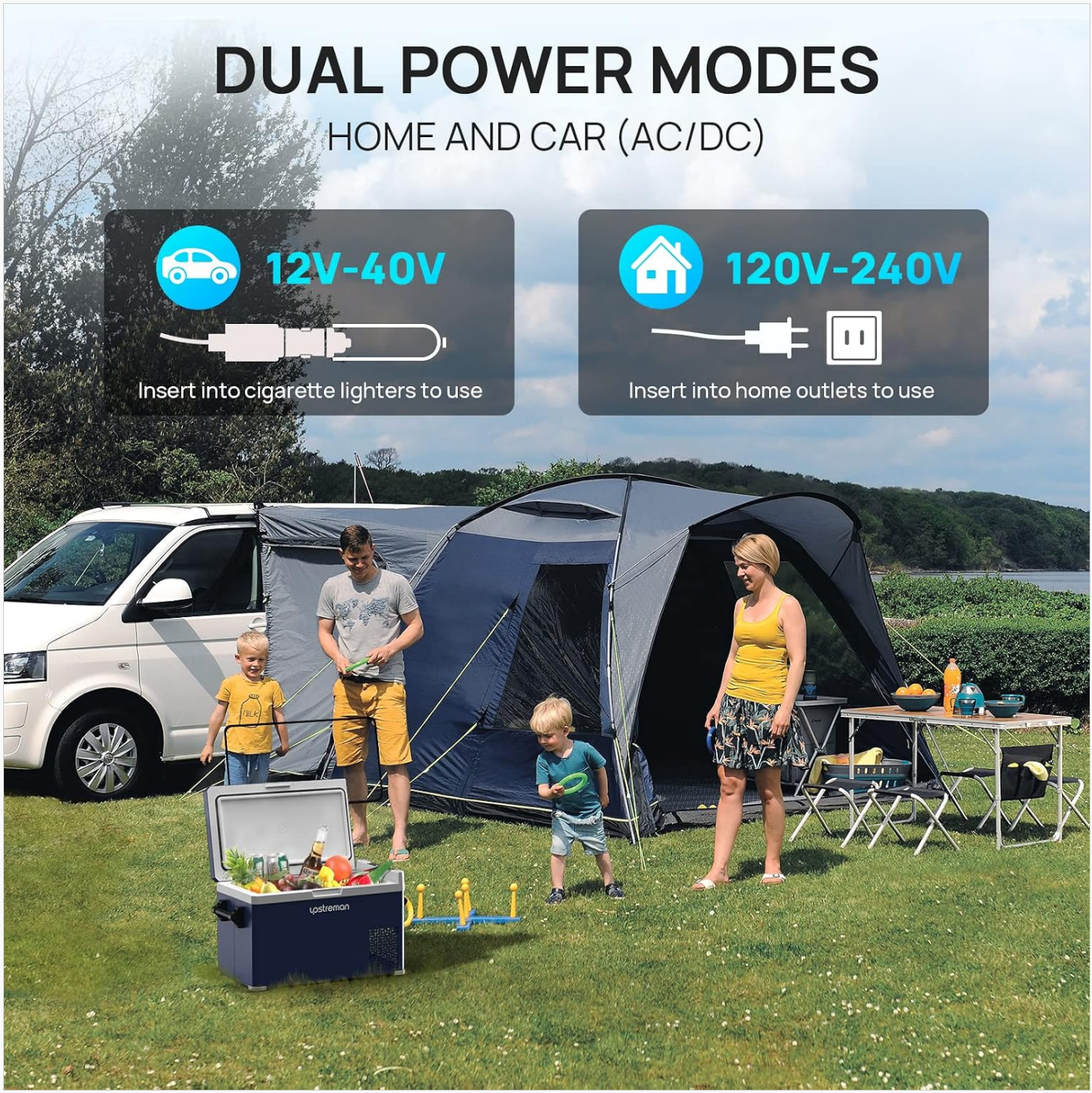


Figure 9.1: Energy Guide label for Model C3, indicating estimated yearly energy cost and electricity usage.

10. Warranty and Support

Warranty: The Upstreman C3 Portable Car Refrigerator comes with a One-Year-Warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

What is Not Covered: The warranty does not cover damage caused by misuse, accident, unauthorized modification, improper installation, or normal wear and tear.

Customer Support: For warranty claims, technical assistance, or any questions regarding your Upstreman C3

refrigerator, please contact Upstreman customer service. Please have your purchase receipt and product model number (C3) ready when contacting support.
You can typically find contact information on the Upstreman official website or through your retailer.

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