Feelfunn CF014

Feelfunn 22QT (21L) Portable Car Refrigerator and Freezer

Model: CF014

1. Important Safety Instructions

Please read all instructions carefully before using this appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power supply voltage matches the appliance's requirements (12/24V DC or 110-240V AC).
- Do not immerse the appliance in water or expose it to rain.
- Keep ventilation openings clear and unobstructed to prevent overheating.
- Do not use electrical appliances inside the storage compartment unless they are of the type recommended by the manufacturer.
- Avoid touching cold surfaces with wet hands to prevent frostbite.
- Unplug the appliance from the power source before cleaning or performing any maintenance.
- Keep out of reach of children.

2. Product Overview

The Feelfunn Portable Car Refrigerator and Freezer is designed for efficient cooling and freezing on the go, suitable for vehicles, camping, and home use. It features a robust compressor for rapid cooling and versatile power options.

Key Features:

- **Capacity:** 22 Quart (21 Liters)
- **Temperature Range:** -4°F to 68°F (-20°C to 20°C)
- **Fast Cooling:** Cools from 68°F (20°C) to 32°F (0°C) in approximately 15 minutes.
- **Power Modes:** ECO (45W) for energy efficiency, MAX (60W) for rapid cooling.
- **Low Noise Operation:** Approximately 42dB.
- **Battery Protection:** 3-level system to prevent vehicle battery drain.

- **Versatile Power:** Compatible with 12/24V DC (car, RV) and 110-240V AC (home), and solar power (adapter not included).
- **Convenience:** Hidden handles, built-in LED light, movable partition.

Components:

- Refrigerator Unit
- DC Power Cable (12/24V)
- AC Power Adapter and Cable (110-240V)
- User Manual



Image: The Feelfunn 22QT Portable Car Refrigerator with its lid open, showcasing its interior filled with various fruits and bottled water, demonstrating its storage capacity.



Image: A visual representation of the Feelfunn 22QT Portable Car Refrigerator, emphasizing its convenient features such as hidden handles for portability, a built-in LED light for visibility, and a movable partition for organized storage.

3. Setup

3.1 Unpacking

- Carefully remove the refrigerator from its packaging.
- Remove all packing materials, including any protective films or tapes.

- Inspect the appliance for any damage incurred during shipping. Contact customer support if damage is found.

3.2 Placement

- Place the refrigerator on a flat, stable surface.
- Ensure there is adequate ventilation around the unit (at least 10 cm clearance on all sides) to allow for proper heat dissipation.
- Avoid placing the unit in direct sunlight or near heat sources.

3.3 Connecting Power



Image: The Feelfunn 22QT Portable Car Refrigerator illustrating its compatibility with various power sources, including a car's 12-24V DC outlet, a standard home 110-240V AC outlet, and a solar panel/power station setup.

- **DC Power (12/24V):** Connect the DC power cable to the refrigerator's DC input port and then to your vehicle's 12V or 24V outlet (cigarette lighter socket).
- **AC Power (110-240V):** Connect the AC power adapter to the refrigerator's AC input port, then plug the AC power cable into a standard wall outlet.
- **Solar Power:** The unit can be powered by a solar panel/power station (sold separately) using the appropriate adapter. Ensure the solar power source meets the voltage requirements.

4. Operating Instructions

4.1 Powering On/Off

- Press the **Power Button** () to turn the unit on or off. The LCD display will illuminate when powered on.

4.2 Temperature Adjustment



Image: A close-up of the control panel on the Feelfunn 22QT Portable Car Refrigerator, displaying the temperature settings, power button, and indicators for ECO and MAX cooling modes.

- Use the **+** and **-** buttons to adjust the desired temperature. The display will show the set temperature.
- The temperature range is from -4°F (-20°C) to 68°F (20°C).

4.3 Cooling Modes (ECO/MAX)

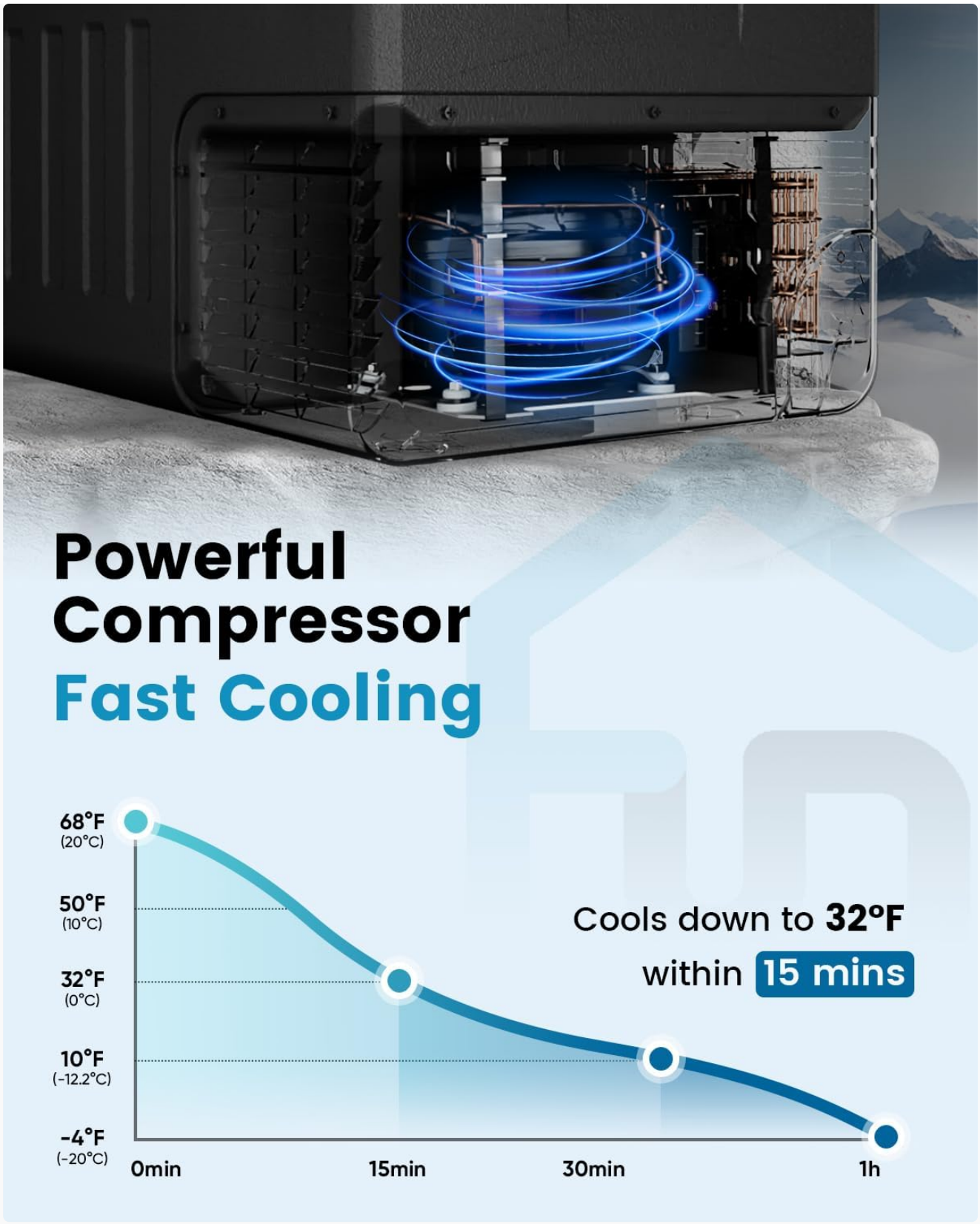


Image: A graph illustrating the rapid cooling capability of the Feelfunn 22QT Portable Car Refrigerator, showing it cools down to 32°F (0°C) within 15 minutes from an initial temperature of 68°F (20°C).

- Press the **SET** button to cycle between ECO and MAX modes.
- **ECO Mode:** Energy-efficient operation (approx. 45W), suitable for maintaining temperature over longer periods.
- **MAX Mode:** Maximum cooling performance (approx. 60W), ideal for rapid cooling of contents.

4.4 Battery Protection Setting

The unit features a 3-level battery protection system to prevent your vehicle's battery from draining. This setting is

typically adjusted via the control panel (refer to specific instructions in the full manual if available, or typically by holding the SET button).

- **H (High):** Highest protection, unit cuts off at a higher voltage, suitable for starting batteries.
- **M (Medium):** Medium protection, balanced for most situations.
- **L (Low):** Lowest protection, unit cuts off at a lower voltage, suitable for deep cycle batteries or when the engine is running.

5. Maintenance

5.1 Cleaning

- Always unplug the refrigerator before cleaning.
- Wipe the interior and exterior surfaces with a damp cloth and mild detergent.
- Do not use abrasive cleaners or harsh chemicals.
- Ensure the unit is completely dry before reconnecting power.

5.2 Defrosting

While the unit is designed with a 'Frost Free' defrost system, ice may still accumulate under certain conditions. If ice builds up:

- Turn off the unit and unplug it.
- Allow the ice to melt naturally. Do not use sharp objects to remove ice.
- Wipe away melted water with a clean cloth.

5.3 Storage

- If storing for an extended period, ensure the unit is clean and dry.
- Leave the lid slightly ajar to prevent odors and mold growth.
- Store in a dry, well-ventilated area.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; faulty cable; vehicle battery low.	Check power connections; test cable; check vehicle battery voltage.
Unit not cooling effectively.	Ventilation blocked; door not sealed; temperature setting too high; ECO mode.	Ensure clear ventilation; check door seal; lower temperature setting; switch to MAX mode.
Display shows error code.	Internal fault; sensor issue.	Refer to the full manual for specific error codes or contact customer support.
Vehicle battery drains.	Battery protection set too low.	Adjust battery protection to a higher setting (H or M).

Problem	Possible Cause	Solution
Unit is noisy.	Normal compressor operation; unit not level.	Ensure unit is on a stable, level surface. Normal operating noise is around 42dB.

7. Specifications

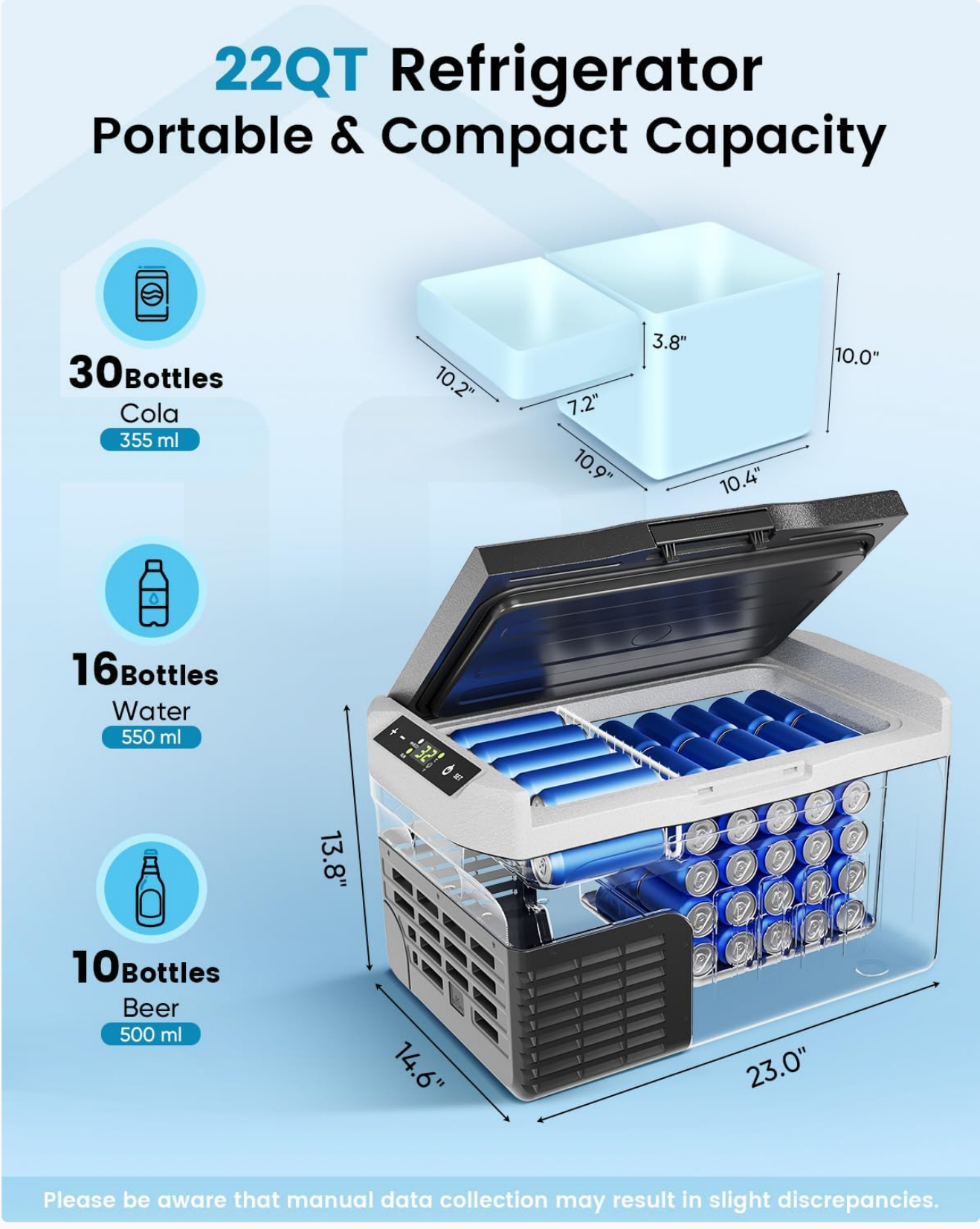


Image: A detailed diagram illustrating the external dimensions and internal capacity of the Feelfunn 22QT Portable Car Refrigerator, including examples of how many bottles of cola, water, or beer it can hold.

Feature	Detail
Brand	Feelfunn
Model Number	CF014
Capacity	22 Quart (21 Liters)
Product Dimensions	37.21 x 59.51 x 34.49 cm (14.65 x 23.43 x 13.58 inches)
Temperature Range	-4°F to 68°F (-20°C to 20°C)
Power Input	DC 12V/24V, AC 110-240V
Rated Power (ECO Mode)	45W
Rated Power (MAX Mode)	60W
Noise Level	Approximately 42dB
Insulation	45mm thickened foam layer
Special Features	Energy-Efficient, Built-in LED Lighting, Movable Partition, Touch Control, Low Noise, 3-level battery protection
Certification	UL-certified

8. Warranty and Support

This Feelfunn portable refrigerator is backed by a 2-year technical support. For any technical assistance, warranty claims, or operational questions, please contact Feelfunn customer service through your purchase platform or the contact information provided with your product packaging.

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