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› TecnoLove 25L Car Refrigerator Freezer (Model: CR202DADUS) Instruction Manual

TecnoLove CR202DADUS

TecnoLove 25L Car Refrigerator Freezer (Model: CR202DADUS) Instruction Manual

1. INTRODUCTION

Thank you for choosing the TecnoLove 25L Car Refrigerator Freezer. This portable compressor cooler is designed for versatile use, offering both refrigeration and freezing capabilities for your convenience on the go. Please read this manual carefully before operating the appliance to ensure proper use, safety, and optimal performance. Keep this manual for future reference.

Safety Warnings

- Do not fill the refrigerator with corrosive liquids. Do not pour liquids directly into the refrigerator.
- When the refrigerator will not be used for a long time, please disconnect the power supply and keep the refrigerator dry.
- Please clean the inner compartment regularly to prevent bacteria and odors from forming, and to ensure food safety.
- Shut down the refrigerator and battery (if used) before pulling the refrigerator by the handle.
- The refrigerator may be inverted during delivery. To ensure proper operation of the compressor, please keep the refrigerator standing upright for 12 hours before using it again.

2. PRODUCT OVERVIEW

The TecnoLove 25L Car Refrigerator Freezer is a compact and efficient cooling solution, perfect for camping, road trips, and outdoor activities. It features a dual-zone design, allowing for flexible storage of various items.

Key Features:

- **Ultra-Fast and Efficient Cooling:** Equipped with a high-performance compressor and advanced 360-degree direct cooling technology. Drops from 68°F to 32°F in 15 minutes and reaches -4°F in 50 minutes.
- **Compact and Spacious Design:** 25 liters (27 quarts) capacity, holding up to 46 cans of 355ml drinks. Dimensions: 25.4 x 14.6 x 14.6 inches, weight 27.8 lbs.

- **True Dual-Zone Cooling:** Left compartment offers independently adjustable temperature from -4°F to 32°F (freezer/heavy chilling). Right compartment is for refrigeration (always above 39°F, temperature varies with left side).
- **Durable Build for Rough Terrain:** Made from high-strength materials, stable on 45-degree slopes. Features a magnetic lid with rubber gasket, all-terrain wheels, telescoping handle, and built-in drain plug.
- **Multiple Power Options:** Supports 100–240V AC and 12/24V DC power sources. Compatible with solar power stations.
- **Smart LED Touch Control and Quiet Operation:** Digital touchscreen panel for easy temperature control and Fahrenheit/Celsius switching. Operates quietly at 45dB.
- **Three-level Battery Protection (H / M / L):** Prevents vehicle battery drain, overload, and short circuit.

3. SETUP

Initial Cleaning

Before using your refrigerator for the first time, clean it inside and out with a damp cloth. Ensure the unit is completely dry before connecting to power.

Power Connection

The refrigerator supports multiple power sources:

- **100–240V AC:** Use the provided AC power adapter for home or standard wall outlets.
- **12V / 24V DC:** Use the provided DC power cord to connect to your vehicle's cigarette lighter socket.
- **Solar Power Stations:** The unit is compatible with external solar power stations (not included) for off-grid use.

Ensure the power plug is securely connected to the unit and the power source. The unit is plug-and-play with no installation required.

3 WAYS OF POWER SUPPLIES



AC Power Cord

100-240V

Include



DC Power Cord

12V/24V

Include



**Solar Panel &
Power Station**

Not include

Image: Technolove Car Refrigerator showing connections for AC (100-240V), DC (12V/24V), and compatibility with solar panels (not included).

4. OPERATING INSTRUCTIONS

Control Panel Overview

42dB LOW NOISE COMPRESSOR

Ensuring a quiet environment for a restful sleep after long drives.



Image: Detailed view of the touchscreen control panel, highlighting Temperature -, Temperature +, Left Compartment, Right Compartment, Set, and ON/OFF buttons.

- **ON/OFF Button:** Press and hold for 3 seconds to turn the refrigerator on or off.
- **Settings Button (Gear Icon):** Press to switch between MAX (fast cooling) and ECO (energy saving) modes. Hold for 3 seconds to adjust battery protection levels.
- **Temperature + Button:** Press to increase the set temperature.
- **Temperature - Button:** Press to decrease the set temperature.
- **Fahrenheit/Celsius Switch:** Press and hold the 'Set' and '+' buttons simultaneously for 3 seconds to switch between Fahrenheit (°F) and Celsius (°C).

Temperature Settings and Modes

The refrigerator can achieve temperatures from -4°F to 68°F. It can cool from 68°F to 32°F in 15 minutes and reach -4°F in 50 minutes.

OUTSTANDING QUICK COOLING TECHNOLOGY

The high-performance compressor is equipped with advanced quick cooling technology and can reach 32°F within 15 minutes even at an ambient temperature of 90°F.

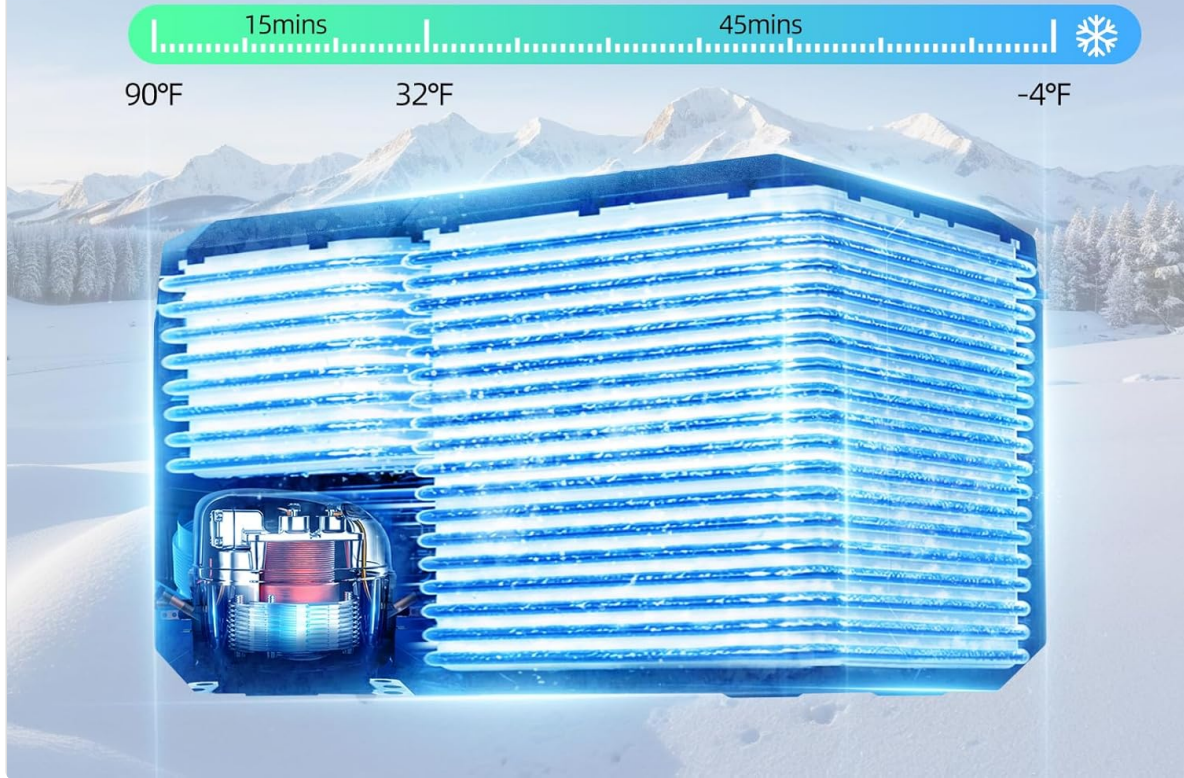


Image: Visual representation of the refrigerator cooling from 90°F to 32°F in 15 minutes and to -4°F in 45 minutes.

- **MAX Mode:** Provides powerful and fast cooling. Ideal for quickly reaching desired temperatures.
- **ECO Mode:** Minimizes power consumption while maintaining temperature. Suitable for extended use or when power saving is desired.



Image: The refrigerator displaying 30W for ECO (Energy Saving) mode and 60W for MAX (Fast Cooling) mode.

Battery Protection

The built-in Eco electronic control module automatically monitors your car battery's voltage. The refrigerator will automatically shut off when excessive power is consumed, thereby preventing draining the battery or interfering with starting your car.

To adjust the battery protection level, press and hold the 'Settings' button for 3 seconds. Tap the 'Settings' button to cycle through the levels:

- **H (High Level):** Higher cut-off voltage, more protection for your vehicle battery. Recommended for vehicle use.
- **M (Medium Level):** Default setting, balanced protection.
- **L (Low Level):** Lower cut-off voltage, allows more battery usage before shut-off.

Video: A seller demonstrates the cooling test of a SetPower car freezer, showing how quickly it reaches desired temperatures and the quiet operation. This video is relevant to understanding the cooling performance and quiet operation of similar compressor coolers.

5. DUAL ZONE FUNCTIONALITY

The TecnoLove 25L Car Refrigerator features a true dual-zone cooling system, allowing for flexible storage options:

- **Left Compartment:** This is the primary cooling zone with an independently adjustable temperature range from -4°F to 32°F. It can function as a freezer or for heavy chilling.
- **Right Compartment:** This zone is dedicated to refrigeration and its temperature cannot be adjusted separately. Its temperature varies with the left side, always staying above 39°F. For example, if the left side is set to 17°F, the right side averages around 50°F. If the left side is set to -4°F, the right side stays around 39°F.

This design ensures flexible storage for both beverages and fresh foods. Each compartment can be operated independently without affecting the temperature stability of the other side.



Image: The dual-zone interior of the refrigerator, illustrating the left side as a freezer (-4°F to 32°F) for items like meat and ice cream, and the right side as a refrigerator (32°F to 50°F) for items like beverages and fruits.

6. MAINTENANCE

Cleaning

Regularly clean the interior and exterior of the refrigerator with a damp cloth and mild detergent. Ensure the unit is unplugged before cleaning. Do not use abrasive cleaners or harsh chemicals.

Troubleshooting

If your car refrigerator does not work:

- Check that the power is connected properly (check if the plug is loose or positive and negative poles are reversed).
- Check that the power button on the control panel is turned on.
- Check that the cooling ventilation is normal.
- Check if the fuse is blown.

If there is poor cooling performance:

- Check that the lid is closed properly.
- Check if the door seal is damaged or deformed.
- Check if there is poor ventilation around the fridge.
- Check that the temperature is set properly.

If there is abnormal noise:

- Refrigerator is not set on a flat, level surface.
- Check for vibrations in surrounding objects.

- Parts inside the refrigerator have come loose or fallen off.

If there is refrigerator condensation, it is normal for some condensation to collect on the surface of the refrigerator when humidity is more than 75%.

Video: A user demonstrates the rapid cooling capability of the TecnoLove car refrigerator, highlighting its efficiency and quality. This video is relevant for understanding the product's performance.

7. SPECIFICATIONS

Feature	Specification
Brand	TecnoLove
Model Number	CR202DADUS
Capacity	25 Liters (27 Quarts)
Item Weight	27.8 pounds
Product Dimensions	25.47 x 14.64 x 14.56 inches
Voltage	100–240V AC, 12V / 24V DC
Defrost System	Manual Defrost
Noise Level	45dB
Special Feature	Portable, Dual Zone, Touchscreen Control, LED Light, Battery Protection

8. WARRANTY AND SUPPORT

TecnoLove products come with a manufacturer's warranty. For detailed warranty information, product support, or any inquiries, please refer to the contact information provided in your purchase documentation or visit the official TecnoLove website.

The TecnoLove team is available 24/7 to address your questions, comments, and concerns. Your satisfaction is our ultimate goal. We want to make everything right so you'll share your positive experience with other shoppers.