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› TecnoLove CR16STWLUS 19QT Portable Car Refrigerator User Manual

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TecnoLove CR16STWLUS 19QT Portable Car Refrigerator User Manual

Model: CR16STWLUS

INTRODUCTION

Thank you for choosing the TecnoLove CR16STWLUS Portable Car Refrigerator. This manual provides essential information for the safe and efficient operation of your new appliance. Please read it thoroughly before use and retain it for future reference.

PRODUCT OVERVIEW

The TecnoLove CR16STWLUS is a versatile 19-quart (18-liter) portable refrigerator designed for various applications, including vehicles, camping, and home use. It features a powerful compressor for rapid cooling and freezing, a smart battery protection system, and a user-friendly digital display.



Image: The Tecnolove CR16STWLUS portable car refrigerator with its lid open, showing several beverage cans inside.

PACKAGE CONTENTS

- Tecnolove CR16STWLUS Portable Car Refrigerator
- 12V/24V DC Power Cable (for car/truck use)
- 110V AC Power Adapter (for home use)
- Reinforced Carry Strap

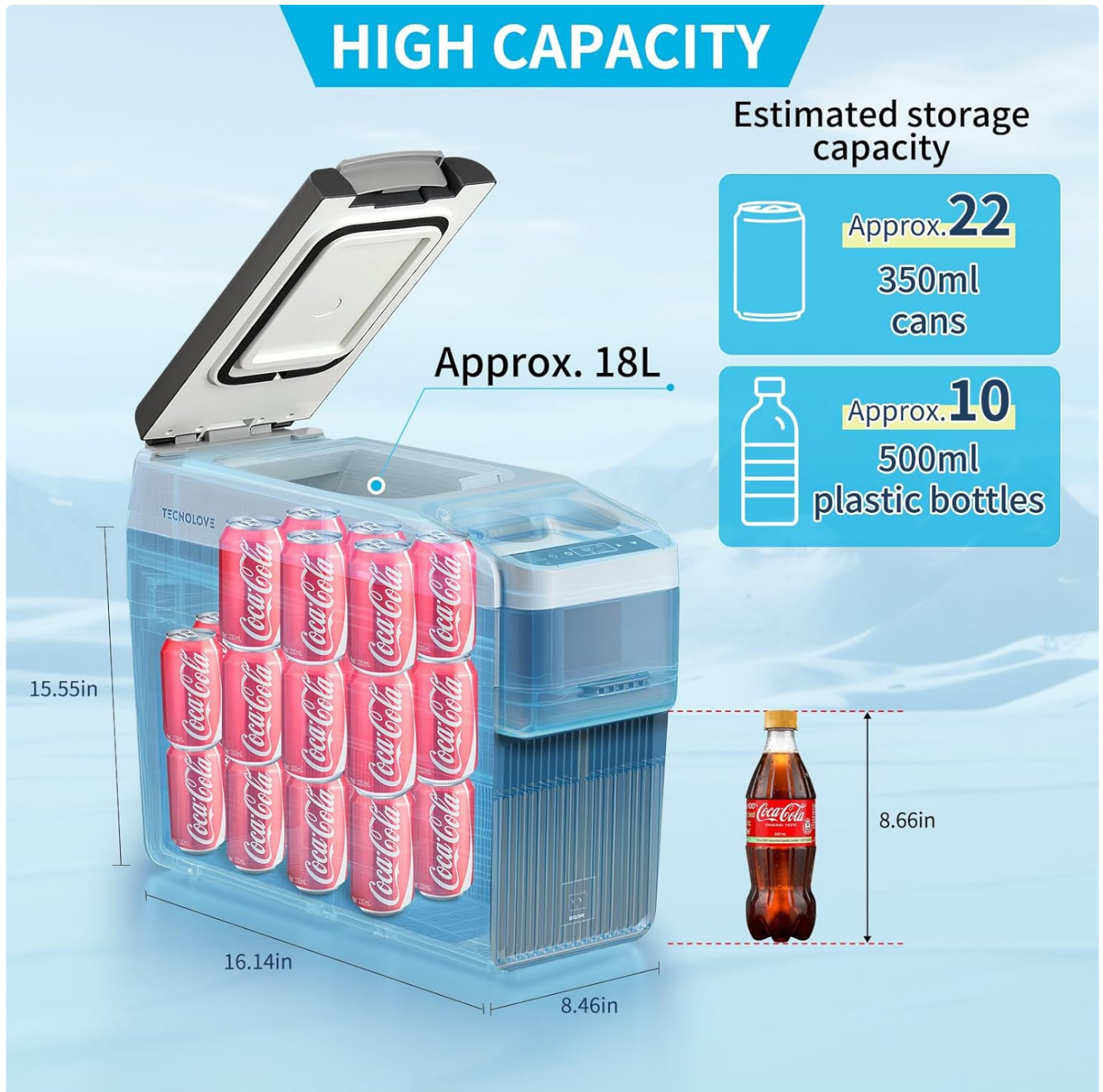


Image: Diagram illustrating the estimated storage capacity of the 18L unit, showing approximately 22x 350ml cans or 10x 500ml plastic bottles.

SETUP

Initial Placement and Ventilation

Place the refrigerator in a stable, well-ventilated area. Ensure that the compressor vents are not obstructed to allow for proper heat dissipation and efficient operation. The slim design allows for placement in various locations, such as between car seats, on the

console, or in the cargo area.



Image: The TecnoLove CR16STWLU refrigerator positioned in a car's center console, demonstrating its space-saving design.

Power Connection

Connect the appropriate power cable based on your usage scenario:

- **For Vehicle Use:** Plug the 12V/24V DC power cable into the refrigerator's DC input port and then into your vehicle's cigarette lighter socket.
- **For Home Use:** Plug the 110V AC power adapter into the refrigerator's AC input port and then into a standard wall outlet.
- **For Outdoor Use:** The unit is compatible with solar panels and portable power supplies (sold separately) for extended outdoor operation.

Three power supply methods

AC power cord



100-240V
For home use



DC power cord



12V/24V
For car use



Solar panel & portable power supply



For outdoor use



Image: Illustration showing the three power supply methods: AC power cord for home, DC power cord for car, and solar panel/portable power supply for outdoor use.

Battery Protection System

The refrigerator features a smart triple-level battery protection system (L/M/H) to prevent your car battery from draining. The system automatically detects voltage and shuts off the unit before your battery dies. To adjust the battery protection level:

1. Press the 'Settings' button three times to flash the current battery protection value (default is 'H' mode).
2. Press the '+' or '-' buttons to switch the battery protection value (L, M, H).

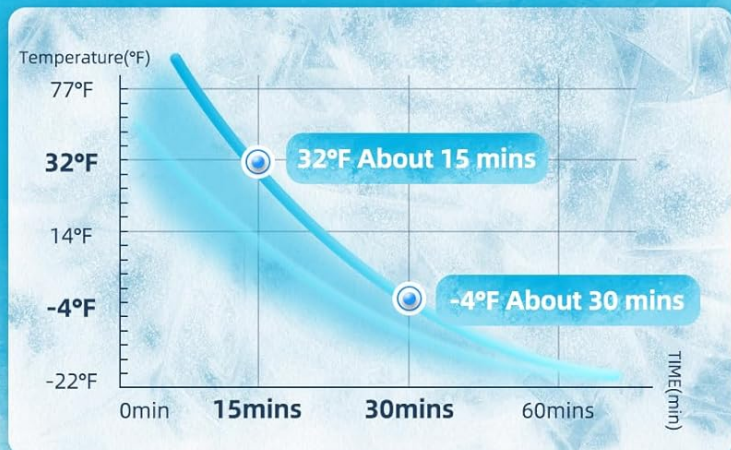


Can store food in the refrigerator or freezer!

Temperature inside
the warehouse

77°F

Starting from
this situation



※ Measured at an outside temperature of 77°F, may vary depending on the amount of items in the refrigerator or the outside temperature

Image: Close-up of the control panel showing the power button, settings button, digital display, and temperature adjustment buttons, with an emphasis on the battery protection settings table.

OPERATING INSTRUCTIONS

Power On/Off and Temperature Setting

1. Press the 'On/Off' button to power on the refrigerator.
2. Use the '+' and '-' buttons to set your desired temperature between -4°F and 50°F (-20°C to 10°C). The LED digital display shows the current temperature.

ONE-TOUCH OPERATION PANEL

Features a digital display for real-time temperature monitoring + one-touch precision control

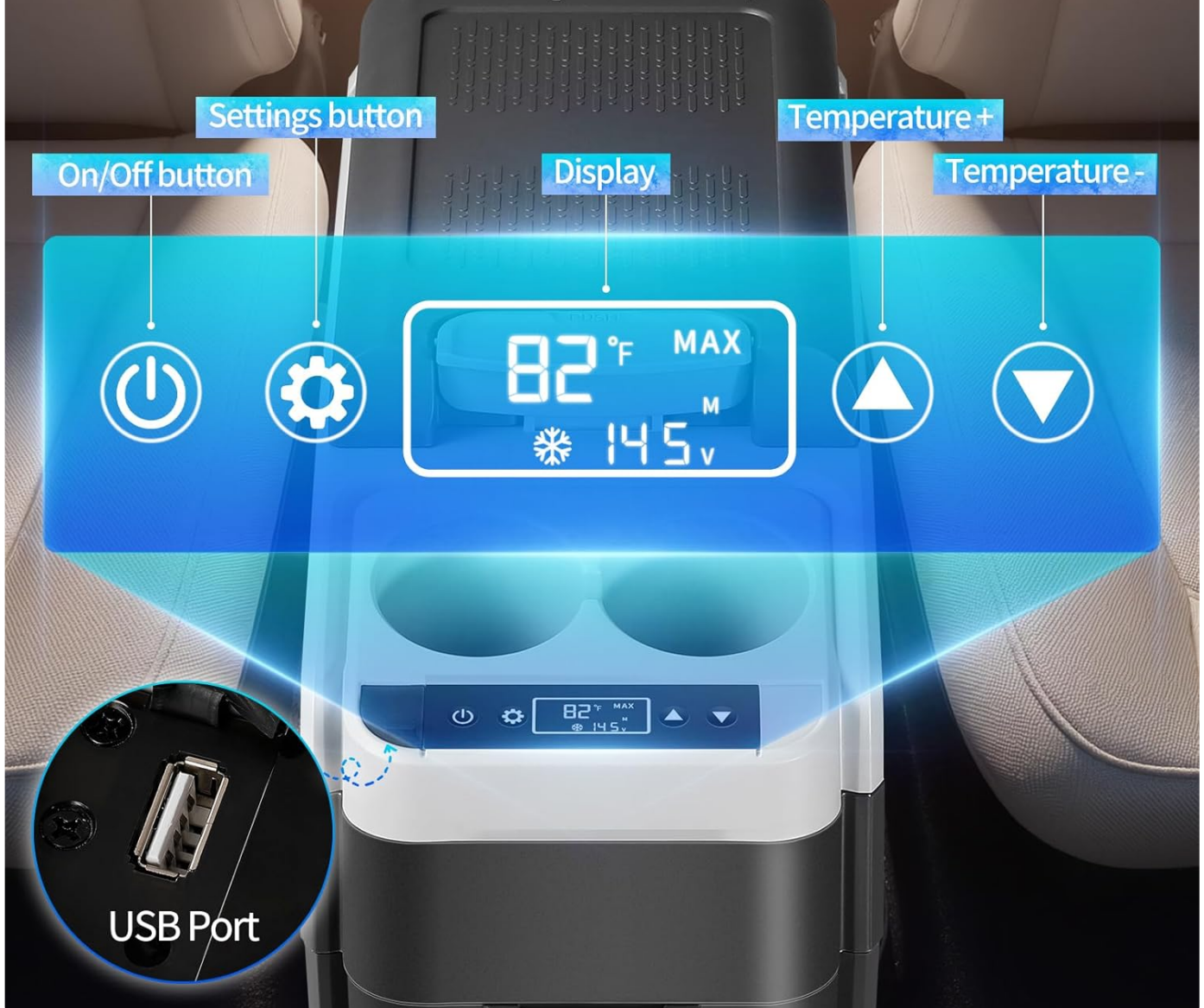


Image: Detailed view of the one-touch operation panel with labeled buttons for On/Off, Settings, Display, Temperature +, and Temperature -.

Cooling Modes (ECO & MAX)

The refrigerator offers two cooling modes:

- **ECO Mode (15W):** Provides ultra-quiet and energy-efficient operation for all-day use, ideal for parked cars or extended periods.
- **MAX Mode (35W):** Offers turbo cooling for rapid temperature reduction, suitable for hot environments or instant freezing needs.

With a Drink Holder



The Sound is Very Quiet



Low voltage protection function:

• Battery protection operation level

Press the setting button three times to flash the current battery protection value (default setting is H mode). Then press "+" or "-" to switch the battery protection value. The default battery protection value is shown in the table on the right.

Compressor off Compressor on



mode \ Input	DC 12V		DC 24V	
	Cut out	Cut in	Cut out	Cut in
L	8.5V	10.9V	21.3V	22.7V
M	10.1V	11.4V	22.3V	23.7V
H	11.1V	12.4V	24.3V	25.7V

Image: Visual representation of the ECO (15W power saving) and MAX (35W quick mode) cooling options.

Rapid Cooling Performance

The powerful compressor allows the unit to reach 32°F (0°C) from 77°F (25°C) in approximately 15 minutes. Deep freeze capability down to -4°F is achieved in about 30 minutes.

Compatible with all MPVs



Image: A chart illustrating the rapid cooling performance, showing temperature drops from 77°F to 32°F in 15 minutes and to -4°F in 30 minutes.

Interior Light and Drink Holder

The refrigerator includes a built-in interior LED light for visibility in low-light conditions. It also features integrated drink holders on the top panel for convenience.

FAST & POWER SAVING MODES

15W

ECO
Power saving
mode

Minimize power consumption
while keeping temperatures low.

35W

MAX
Quick mode

Quick freezing
keeps food fresh.



Image: The interior of the refrigerator showing the LED light and the top panel with integrated drink holders.

MAINTENANCE

Cleaning

Regularly clean the interior and exterior of the refrigerator with a damp cloth and mild detergent. Avoid abrasive cleaners or solvents. Ensure the unit is unplugged before cleaning.

Defrosting

The Technolove CR16STWLUS features an automatic defrost system. If excessive ice buildup occurs, manually defrost by unplugging the unit and allowing the ice to melt naturally. Drain any water and dry thoroughly before restarting.

Ventilation

Always ensure that the ventilation grilles on the sides of the unit are clear of obstructions to maintain optimal performance and prevent overheating.

TROUBLESHOOTING

If you encounter issues with your refrigerator, please refer to the following common troubleshooting steps:

- **Unit not powering on:** Check all power connections. Ensure the power source (vehicle, home outlet, portable power) is active. Verify the battery protection level is not set too high for your current power source.
- **Not cooling effectively:** Ensure the ventilation grilles are not blocked. Check that the desired temperature is set correctly. Verify the cooling mode (ECO vs. MAX) is appropriate for the ambient temperature.
- **Unusual noise:** Minor operational noise from the compressor is normal. If the noise is excessive or unusual, ensure the unit is on a stable, flat surface and not vibrating against other objects.

For further assistance, please contact TecnoLove customer support via Amazon.

SPECIFICATIONS

Brand	TecnoLove
Model Number	CR16STWLUS
Capacity	19 Quarts (18 Liters)
Temperature Range	-4°F to 50°F (-20°C to 10°C)
Power Input	12V/24V DC, 110V AC
Power Consumption (ECO Mode)	15W
Power Consumption (MAX Mode)	35W
Noise Level	<45dB
Item Weight	26.2 pounds
Product Dimensions	25.98 x 11.02 x 21.06 inches
Defrost System	Automatic
Special Features	Quiet, LED Digital Display, Interior Light, Drink Holder

WARRANTY AND SUPPORT

TecnoLove offers protection plans for your product. Please refer to the product listing for details on available 2-Year and 3-Year Protection Plans. For any questions or support regarding your car freezer, please contact TecnoLove via Amazon. We aim to respond within 24 hours.

PRODUCT VIDEOS

Well made cooler can use as a freezer.

Video: A short video demonstrating the TecnoLove CR16STWLUS cooler, highlighting its ability to function as a freezer. The video shows the product's exterior and interior, emphasizing its robust construction and cooling capabilities.

