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› [YELLOW JACKET 16 Quart Portable Car Refrigerator/Freezer \(Model NL15\) User Manual](#)

YELLOW JACKET NL15

YELLOW JACKET 16 Quart Portable Car Refrigerator/Freezer

MODEL NL15 USER MANUAL

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1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your YELLOW JACKET 16 Quart Portable Car Refrigerator/Freezer, Model NL15. This versatile appliance is designed to keep food and beverages chilled or frozen, making it ideal for outdoor camping, road trips, truck use, RVs, home, and office environments. Please read these instructions thoroughly before first use and retain them for future reference.



Image: The YELLOW JACKET portable refrigerator is shown in diverse settings, including a camping site, a backyard party, and on a boat, illustrating its adaptability for various scenarios.

2. SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage, observe the following precautions:

- Ensure the power supply voltage matches the specifications of the appliance.
- Do not operate the refrigerator if the power cord is damaged or if the appliance shows signs of malfunction.
- Keep the ventilation openings clear of obstructions to allow proper airflow.
- Avoid placing the refrigerator in direct sunlight or near heat sources.
- Do not immerse the appliance in water or expose it to heavy rain.
- Always disconnect the power supply before cleaning or performing maintenance.
- This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities unless supervised or instructed.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- YELLOW JACKET 16 Quart Portable Car Refrigerator/Freezer (Model NL15)
- AC Power Adapter (110~240V)
- DC Power Cable (12V/24V)
- User Manual (this document)

4. PRODUCT FEATURES

The YELLOW JACKET NL15 offers advanced features for reliable cooling and freezing:

- **Fast Cooling Performance:** Equipped with a high-performance compressor, it cools from 68°F (20°C) to 32°F (0°C) in approximately 15 minutes and can reach -4°F (-20°C) within an hour.
- **Fridge & Freezer Dual Mode:** Operates as either a refrigerator (32°F to 68°F) or a freezer (-4°F to 32°F). Note: Only one mode can be active at a time.
- **Quiet Operation:** Engineered for low noise levels ($\leq 45\text{dB}$), ensuring a peaceful environment.
- **Stable Design:** Features a 45° anti-tilt design for stability on uneven surfaces and recessed handles with tie-down slots for secure transport.
- **Dual Power Supply:** Compatible with 110/240V AC for home/office use and 12/24V DC for vehicle use.
- **Battery Protection System:** Built-in system prevents vehicle battery drain.
- **Touch Panel & App Control:** Easily adjust settings via the integrated touch panel or remotely using the Bluetooth app. Includes a temperature memory function.



Image: A graph illustrates the rapid cooling capability, demonstrating the refrigerator's ability to reach 0°F from 68°F in approximately 15 minutes.



Image: A comparison of noise levels highlights the refrigerator's quiet operation, rated at less than 45dB, which is quieter than typical conversation.

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 adequate ventilation around the unit, leaving at least 4 inches (10 cm) of space on all sides for proper heat dissipation.
- 3. First Use:** Before connecting to power, it is recommended to let the unit stand upright for at least 6 hours if it has been transported horizontally. This allows the compressor oil to settle.
- 4. Power Connection:**
 - **For AC (Home/Office):** Connect the AC power adapter to the refrigerator's AC input port, then plug the adapter into a standard 110~240V AC wall outlet.
 - **For DC (Vehicle):** Connect the DC power cable to the refrigerator's DC input port, then plug the other end into your vehicle's 12V or 24V cigarette lighter socket.

Image: This graphic displays the various power options for the refrigerator, including 12-24V DC for vehicles and 110-240V AC for household use.

6. OPERATION

6.1 Control Panel Overview

The control panel is located on the front of the unit and features a digital display and several buttons:

- **ON/OFF Button:** Press and hold to turn the unit on or off.
- **Temp+ Button:** Increases the target temperature.
- **Temp- Button:** Decreases the target temperature.
- **Settings Button (Gear Icon):** Accesses advanced settings (e.g., battery protection level, temperature unit).



Image: The control panel, featuring a digital display and temperature adjustment buttons, is shown next to a smartphone demonstrating the app control interface.

6.2 Temperature Adjustment

After powering on, the display will show the current internal temperature. To set a desired temperature:

1. Press the **Temp+** or **Temp-** button to adjust the target temperature.

2. The display will flash the target temperature for a few seconds, then revert to showing the current internal temperature. The unit will begin cooling or heating to reach the set temperature.

6.3 Fridge/Freezer Mode

The unit can function as either a refrigerator or a freezer. The temperature range you select determines its mode:

- **Refrigerator Mode:** Set temperature between 32°F (0°C) and 68°F (20°C) for chilling drinks, fruits, and vegetables.
- **Freezer Mode:** Set temperature between -4°F (-20°C) and 32°F (0°C) for freezing meats, seafood, and ice cream.

Important: The unit operates in a single mode at a time. You cannot have a fridge and freezer compartment simultaneously.



Image: This diagram visually explains how the unit can be used as a refrigerator for fresh items or as a freezer for frozen products, emphasizing its dual-mode capability.

6.4 Battery Protection System

The refrigerator includes a multi-level battery protection system to prevent excessive discharge of your

vehicle's battery. You can typically select between three levels (High, Medium, Low) via the settings menu or app. The unit will automatically shut off if the input voltage drops below the selected threshold and restart when the voltage recovers.

- **High:** Provides maximum battery protection, suitable for sensitive vehicle batteries.
- **Medium:** Standard protection, suitable for most vehicle batteries.
- **Low:** Allows for longer operation, but with less battery protection. Use with caution or with a dedicated auxiliary battery.

7. APP CONNECTION GUIDE

Control your YELLOW JACKET refrigerator remotely using the dedicated smartphone application:

1. Step 1: Download App

Search for "CAR FRIDGE FREEZER" in your device's app store (e.g., Apple App Store, Google Play Store). Download and install the application.

2. Step 2: Pairing

Ensure Bluetooth is enabled on your smartphone. Open the "CAR FRIDGE FREEZER" app. The app will automatically search for nearby YELLOW JACKET refrigerators. Select your device from the list to pair.

Once paired, you can monitor the temperature, adjust settings, and power the unit on/off directly from your smartphone.

8. MAINTENANCE

8.1 Cleaning

- Always disconnect the power supply before cleaning.
- Clean the interior and exterior surfaces with a damp cloth and a mild detergent.
- Do not use abrasive cleaners, harsh chemicals, or sharp objects, as these can damage the surfaces.
- Ensure the unit is completely dry before reconnecting power.
- Regularly clean the ventilation grilles to prevent dust buildup, which can affect cooling efficiency.

8.2 Storage

- If storing the refrigerator for an extended period, ensure it is clean and dry.
- Leave the lid slightly ajar to prevent odors and mold growth.
- Store in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

9. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not power on.	No power supply; damaged cable; vehicle battery low.	Check power connections; replace damaged cable; charge vehicle battery or adjust battery protection setting.
Unit is not cooling effectively.	Insufficient ventilation; door not sealed; excessive contents; high ambient temperature.	Ensure clear ventilation; check lid seal; reduce contents; operate in a cooler environment.
Display shows an error code.	Internal malfunction.	Refer to the app or contact customer support with the specific error code.
Bluetooth app cannot connect.	Bluetooth off; app not updated; unit not discoverable.	Ensure phone Bluetooth is on; update app; restart refrigerator and phone.
Excessive noise during operation.	Unit not level; fan obstruction.	Place on a level surface; clear any obstructions from the fan.

If the problem persists after attempting these solutions, please contact customer support.

10. SPECIFICATIONS

Key technical details for the YELLOW JACKET 16 Quart Portable Car Refrigerator/Freezer, Model NL15:

Feature	Detail
Model Number	NL15
Capacity	16 Quarts (15.3 Liters)
Temperature Range	-4°F to 68°F (-20°C to 20°C)
Power Input	DC 12V/24V; AC 110~240V
Rated Power	60 Watts
Item Weight	20.9 Pounds (9.48 kg)
Product Dimensions	23.7 x 12.9 x 10.35 inches (60.2 x 32.8 x 26.3 cm)
Noise Level	≤45dB
Defrost System	Frost Free
Material	HDPE

16 QUART
CAPACITY



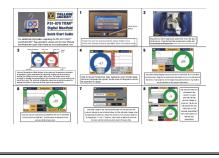
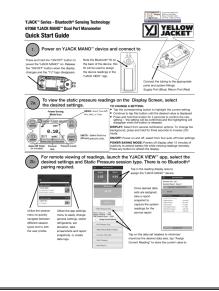
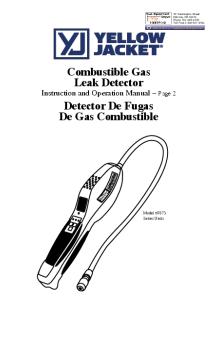
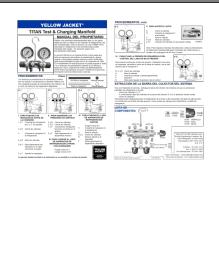
Image: This graphic provides a visual representation of the refrigerator's dimensions and illustrates its capacity by showing how many standard cans, water bottles, and wine bottles it can hold.

11. WARRANTY AND SUPPORT

Your YELLOW JACKET 16 Quart Portable Car Refrigerator/Freezer is covered by a manufacturer's warranty. For specific warranty terms, duration, and conditions, please refer to the warranty card included with your purchase or visit the official YELLOW JACKET website.

For technical support, troubleshooting assistance, or warranty claims, please contact YELLOW JACKET customer service through the contact information provided in your product documentation or on the official brand website.

Related Documents - NL15

	<p><u>Yellow Jacket Series 41 Digital Manifold Quick Start Guide</u></p> <p>A quick start guide for the Yellow Jacket Series 41 Digital Manifold, detailing its key functions, operation modes, unit settings, battery capacity, and supported refrigerants.</p>
	<p><u>Yellow Jacket P51-870 TITAN Digital Manifold Quick Start Guide</u></p> <p>A quick start guide for the Yellow Jacket P51-870 TITAN Digital Manifold, covering operation modes, settings, and data management.</p>
	<p><u>YJACK MANO™ Dual Port Manometer Quick Start Guide YELLOW JACKET 67068</u></p> <p>Quick start guide for the YELLOW JACKET YJACK MANO™ Dual Port Manometer (Model 67068), featuring Bluetooth® sensing technology. Learn how to power on, connect, view static pressure readings, use the YJACK VIEW™ app, and understand measurement ranges for HVAC applications.</p>
	<p><u>Yellow Jacket 69373 Combustible Gas Leak Detector Instruction and Operation Manual</u></p> <p>Comprehensive instruction and operation manual for the Yellow Jacket 69373 handheld combustible gas leak detector. Covers features, specifications, battery installation, operating instructions, maintenance, troubleshooting, and warranty.</p>
	<p><u>Yellow Jacket TITAN Test & Charging Manifold Owner's Manual</u></p> <p>Comprehensive owner's manual for the Yellow Jacket TITAN Test & Charging Manifold, detailing procedures for vacuum, pressure setting, purging, charging, and system evacuation. Includes component list and safety information.</p>
	<p><u>YELLOW JACKET TITANMAX™ User Manual</u></p> <p>Comprehensive user manual for the YELLOW JACKET TITANMAX™ digital manifold, detailing its features, operation, settings, maintenance, and troubleshooting for HVAC professionals. Includes model numbers P/N 40880, 40881, 40885, 40887.</p>

Documents - YELLOW JACKET – NL15

no relevant documents