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### RecPro RP-2166

# RecPro RV Refrigerator User Manual

Model: RP-2166

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## 1. INTRODUCTION

Thank you for choosing the RecPro RV Refrigerator. This manual provides essential information for the safe and efficient operation of your 6.3 Cubic Feet Gas and Electric RV Refrigerator. Please read this manual thoroughly before installation and use, and keep it for future reference.







Figure 1: RecPro RV Refrigerator (Black Finish)

This image shows the RecPro RV Refrigerator in a sleek black finish, viewed from the front. It highlights the dual-door design for the freezer and refrigerator compartments.

## 2. SAFETY INFORMATION

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Always adhere to the following safety precautions to prevent injury or damage to the appliance.

- **Electrical Safety:** Ensure the refrigerator is connected to a properly grounded power source (110V or 12V) as specified. Do not use extension cords.
- **Gas Safety:** When operating on propane gas, ensure proper ventilation. Check for gas leaks regularly using a soapy water solution. Never use an open flame to check for leaks.
- **Ventilation:** Adequate ventilation is crucial for proper operation and safety, especially when using propane. Ensure the refrigerator's ventilation openings are not obstructed.
- **Installation:** Installation should be performed by a qualified technician in accordance with all local codes and



regulations.

- **Children:** Keep children away from the refrigerator, especially when the door is open.
- **Flammable Materials:** Do not store explosive substances or flammable materials inside or near the refrigerator.







Figure 2: Rear Components and Safety Labels

This image displays the rear of the refrigerator, showing the cooling unit, wiring, and various warning labels. It emphasizes the importance of proper installation and adherence to safety guidelines.

## 3. SETUP & INSTALLATION

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### 3.1 Unpacking

Carefully remove the refrigerator from its packaging. Inspect for any shipping damage. Report any damage to your dealer immediately.

### 3.2 Placement

Position the refrigerator on a level, stable surface. Ensure adequate clearance around the unit for proper ventilation. Refer to the dimensions for precise fitting.



# REC PRO<sup>®</sup>

## RP-2166 6.3 cuft Gas Absorbtion Refrigerator Measurements

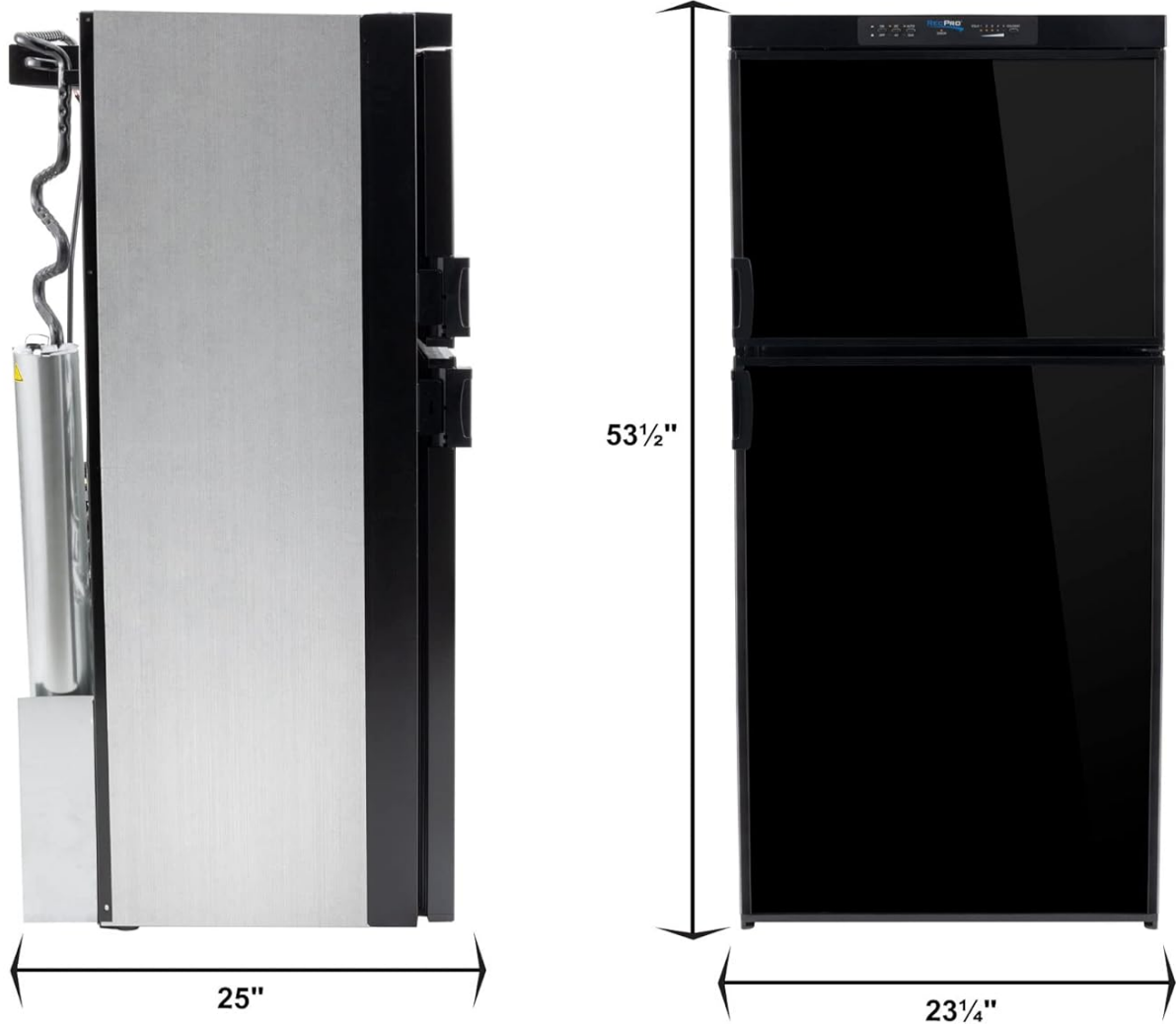


Figure 3: Refrigerator Dimensions

This diagram illustrates the key dimensions of the RecPro RV Refrigerator, including its height, width, and depth, crucial for proper installation planning.

### 3.3 Power Connections

This refrigerator supports 110V-120V AC, 12V DC, and Propane Gas operation. Connect the appropriate power source based on your RV's setup. Ensure all electrical connections are secure and conform to local electrical codes.

- **110V/120V AC:** Plug into a grounded outlet.
- **12V DC:** Connect to the RV's 12V system, ensuring correct polarity.
- **Propane Gas:** Connect to the RV's propane supply. A qualified technician should perform gas connections and leak checks.





Figure 4: Propane Gas Connection Point

A detailed view of the brass fitting used for connecting the propane gas line to the refrigerator, highlighting the precision of the component.

## 4. OPERATION

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### 4.1 Control Panel

The control panel is located at the top of the refrigerator. It allows you to select the power source (Auto/Gas) and monitor the cooling status.





Figure 5: Control Panel Detail

This close-up shows the control panel of the RecPro RV Refrigerator, featuring buttons for 'AUTO' and 'GAS' modes, along with indicator lights, including a 'CHECK' light for system status.

## 4.2 Initial Cooling

For optimal cooling efficiency, turn the refrigerator on and allow it to chill for 12 hours prior to placing food inside. This allows the absorption system to stabilize and reach optimal temperatures.

## 4.3 Power Source Selection

- **AUTO Mode:** The refrigerator will automatically select the best available power source (AC, then DC, then Gas).
- **GAS Mode:** Forces the refrigerator to operate on propane gas. Ensure gas supply is open and pilot light (if applicable) is lit.





Figure 6: Refrigerator Interior

This image provides a clear view of the refrigerator's interior, showcasing its spacious design, adjustable shelves, and door storage, filled with various food items to demonstrate capacity.



## 5. MAINTENANCE

### 5.1 Cleaning

Clean the interior and exterior of the refrigerator regularly with a mild detergent and warm water. Avoid abrasive cleaners or solvents. Ensure the drain tube is clear to prevent water buildup.

### 5.2 Ventilation Grilles

Keep the exterior ventilation grilles clean and free of obstructions (dust, leaves, insects) to ensure proper airflow for the cooling unit.

### 5.3 Reversible Doors

The refrigerator features reversible doors, allowing you to change the door swing direction to suit your RV layout. A hardware kit for reversible doors is available from RecPro. Consult the kit's instructions for the reversal process.



Figure 7: Key Features Overview

This graphic highlights three key features of the RecPro RV Refrigerator: latching handles for secure travel, reversible doors for flexible installation, and its versatile 3-way power capability (Propane, 12V, and 110V).



## 6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter. For problems not listed here, contact RecPro customer support.

Problem	Possible Cause	Solution
Refrigerator not cooling	No power supply (AC/DC/Gas)	Check power connections and gas supply.
	Insufficient ventilation	Ensure ventilation grilles are clear.
	Unit not level	Level the RV/refrigerator.
	Ambient temperature too high	Allow more time for cooling, especially in hot weather.
"CHECK" light illuminated	Gas supply issue	Verify gas tank is open and not empty.
	Ignition failure (Gas mode)	Cycle power to reset.
	Electrical fault	Consult a qualified technician if problem persists.
Excessive frost in freezer	Door not sealing properly	Check door gasket for damage or obstruction.
	Frequent door opening	Minimize door openings.
	High humidity	Defrost the unit if necessary.

## 7. SPECIFICATIONS

Detailed technical specifications for the RecPro RV Refrigerator Model RP-2166.

Feature	Detail
Brand	RecPro
Model Info	RP-2166
Part Number	RP-21656
Capacity	6.3 Cubic Feet
Product Dimensions (D x W x H)	25" x 23.25" x 53.5"
Installation Type	Freestanding
Power Options	110V-120V AC, 12V DC, Propane Gas
Defrost System	Hot gas defrost
Door Hinges	Reversible
Number of Doors	3
Color	Black Finish (also available in Stainless Steel)
Material	Stainless Steel (Door Material Type)
Shelf Type	Wire
Number of Shelves	3
Certification	Compliant with RV refrigerator standards and specifications



## 8. WARRANTY & SUPPORT

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### 8.1 Warranty Information

RecPro products are designed for durability and performance. For specific warranty details, please refer to the warranty card included with your purchase or visit the official RecPro website. Keep your proof of purchase for warranty claims.

### 8.2 Customer Support

If you have any questions, require technical assistance, or need to order replacement parts, please contact RecPro customer support. You can find contact information on the RecPro website or through your original retailer.

**RecPro Website:** [Visit the RecPro Store on Amazon](#)

