

RecPro RP-AC3800

RecPro RV Air Conditioner 15K Instruction Manual

Model: RP-AC3800

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your RecPro RV Air Conditioner 15K. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the unit. This unit is designed for use in RVs, campers, fifth wheels, and food trucks, offering both cooling and heating capabilities.

2. KEY FEATURES

- **Energy-Efficient Low Amp Draw:** Designed to allow multiple RV appliances to operate simultaneously without overloading the system, ideal for various power setups.
- **Rugged, Durable Design:** Constructed from UV-resistant plastic for durability and an aerodynamic profile to reduce drag.
- **Ultra-Quiet Operation:** Operates at approximately 55.4 dB, providing a peaceful environment.
- **Multi-Function Remote + LED Touch Display:** Offers full control with a wireless remote and an intuitive LED panel for various modes (cool, dry, fan, sleep, timer). No thermostat wiring required.
- **Built-In Heat Pump:** Provides 4-season comfort by offering supplemental warmth in addition to powerful cooling.
- **Ducted and Non-Ducted Compatibility:** Versatile design compatible with both ducted and non-ducted RV airflow systems.



Figure 2.1: Noise level comparison, highlighting the quiet operation of the RecPro RV Air Conditioner.

3. SETUP AND INSTALLATION

The RecPro RV Air Conditioner is designed for straightforward installation. It fits standard 14" x 14" vent openings.



Figure 3.1: Exterior view of the RecPro RV Air Conditioner installed on a recreational vehicle rooftop.

FITS STANDARD 14" VENT OPENING

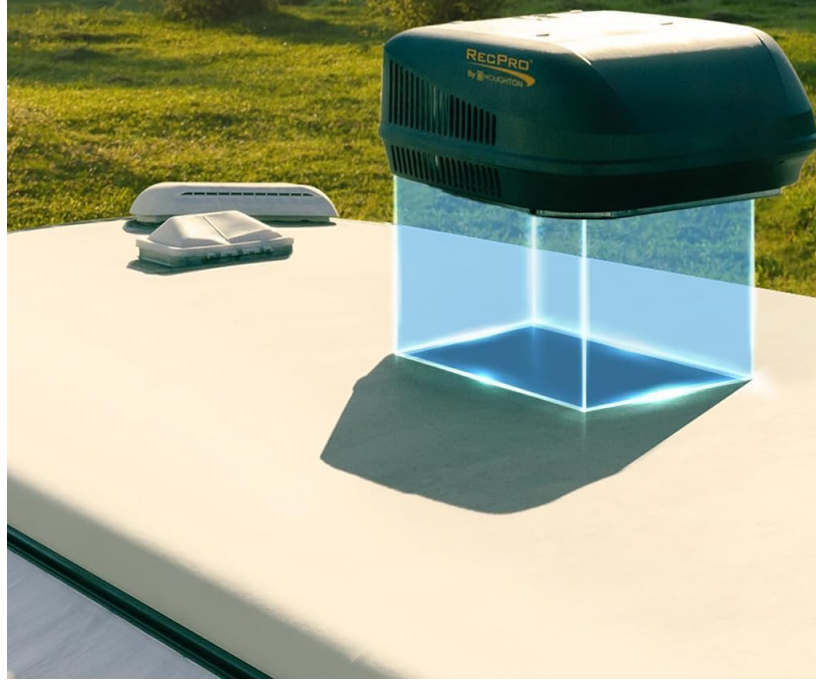


Figure 3.2: The unit is designed to fit a standard 14-inch vent opening, simplifying replacement or new installations.

Installation Steps:

1. **Secure AC Unit to Roof:** Position and secure the exterior air conditioner unit onto the RV rooftop, aligning it with the 14" x 14" vent opening.
2. **Connect Power to AC Unit:** Connect the necessary electrical wiring to the AC unit. Ensure all connections are secure and follow local electrical codes.
3. **Connect & Install Plenum:** From inside the RV, connect the interior plenum to the exterior unit. Secure the plenum in place, ensuring a tight seal for optimal airflow.

Easy Installation

DIY Installation, Skip the Service Center Hassle, & Chill Instantly!



Figure 3.3: Visual guide to the three main steps for installing the RecPro RV Air Conditioner.

Note: Professional installation is recommended if you are unfamiliar with RV electrical systems or rooftop installations.

4. OPERATING INSTRUCTIONS

Your RecPro RV Air Conditioner can be controlled using the included wireless remote or the integrated LED touch display on the interior plenum.



Figure 4.1: The complete RecPro RV Air Conditioner system, including the remote control and interior plenum.

Remote Control Functions:

- **Power On/Off:** Activates or deactivates the unit.
- **Mode Selection:** Cycle through Cool, Dry, Fan, Sleep, and Heat Pump modes.
- **Temperature Adjustment:** Increase or decrease the desired temperature setting.
- **Fan Speed:** Adjust fan speed (Low, Medium, High, Auto).
- **Timer Function:** Set a timer for automatic power on or off.
- **Sleep Mode:** Optimizes settings for quiet and comfortable overnight operation.



Figure 4.2: The user-friendly LED display and remote control provide easy access to all functions.

The LED display on the interior plenum provides real-time feedback on the current settings and status of the unit.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your RV air conditioner.

Air Filter Cleaning:

The air filter should be regularly inspected and cleaned to maintain efficient airflow and cooling performance. The filter is designed for easy removal and cleaning.

1. Locate the air filter access on the interior plenum.
2. Gently remove the filter.
3. Clean the filter using mild soap and water, or vacuum off dust and debris.
4. Allow the filter to dry completely before reinserting it.

Note: The manufacturer recommends checking the air filter monthly during periods of frequent use.

6. TROUBLESHOOTING

If you encounter issues with your RecPro RV Air Conditioner, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; remote control battery low.	Check power connection and circuit breaker. Replace remote control batteries.
Insufficient cooling/heating.	Dirty air filter; blocked air vents; incorrect mode selection.	Clean air filter. Ensure vents are unobstructed. Verify correct mode (Cool/Heat) is selected.
Unusual noise during operation.	Loose components; debris in fan.	Inspect for loose parts. Turn off unit and check for debris in fan area. If noise persists, contact support.
Remote control not responding.	Low or dead batteries; obstruction between remote and unit.	Replace batteries. Ensure clear line of sight to the unit's receiver.

For issues not listed here, please contact RecPro customer support.

7. SPECIFICATIONS

Attribute	Detail
Brand Name	RecPro
Model Info	RP-AC3800
Item Weight	112 pounds
Product Dimensions	39.5 x 25.5 x 13.5 inches
Efficiency	Efficient
Capacity	351 Cubic Feet
Annual Energy Consumption	5694 Kilowatt Hours Per Year
Noise Level	59.1 dB
Installation Type	Packaged
Form Factor	RV Rooftop
Special Features	Remote Controlled, Dehumidifier
Heating Elements	1
Color	White
Voltage	115 Volts

Attribute	Detail
Wattage	1500 watts
Material Type	Non-Ducted
Included Components	Exterior Shroud, Interior Plenum
Floor Area	835 Square Feet
Cooling Power	15000 British Thermal Units
Refrigerant	R 410A




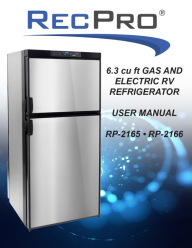




Figure 7.1: Detailed measurements of the RecPro RP-AC3800 RV Air Conditioner.

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official RecPro website or contact their customer service directly. Keep your purchase receipt for warranty claims.

RecPro Customer Service: [Visit RecPro Contact Page](#)

Related Documents - RP-AC3800

	<p>Klipsch Reference Premiere Series User Manual - Setup, Placement, and Connections</p> <p>Comprehensive user manual for Klipsch Reference Premiere Series speakers, covering setup, room placement, connection guides, Dolby Atmos integration, care, and product registration. Includes model details for RP-8060FA, RP-8000F, RP-6000F, RP-5000F, RP-4000F, RP-600M, RP-500M, RP-400M, RP-502S, RP-402S, RP-500SA, RP-504C, RP-404C, RP-600C, RP-500C, RP-400C, and RP-160M.</p>
	<p>REC PRO 6.3 cu ft Gas and Electric RV Refrigerator User Manual RP-2165 RP-2166</p> <p>User manual and installation guide for the REC PRO 6.3 cu ft Gas and Electric RV Refrigerator, models RP-2165 and RP-2166. Covers installation, operation, troubleshooting, and technical specifications.</p>
	<p>Klipsch Reference Premiere Speakers User Manual</p> <p>User manual for Klipsch Reference Premiere speakers, covering setup, placement, connection, care, and warranty information. Features detailed specifications and diagrams for various models including RP-8060FA, RP-8000F, RP-6000F, RP-5000F, RP-4000F, RP-600M, RP-500M, RP-400M, RP-502S, RP-402S, RP-500SA, RP-504C, RP-404C, RP-600C, RP-500C, and RP-400C.</p>
	<p>Allen + Roth Pull-Down Kitchen Faucet with LED Light Installation and Warranty Guide</p> <p>Comprehensive guide for installing and maintaining the Allen + Roth pull-down kitchen faucet with LED light. Includes safety information, product specifications, troubleshooting tips, and warranty details.</p>
	<p>Klipsch Reference Premiere Speakers: Setup, Safety, and Warranty Guide</p> <p>A comprehensive guide for Klipsch Reference Premiere speakers, covering model identification, room placement, connection methods, Dolby Atmos setup, care instructions, product registration, important safety guidelines, and warranty information.</p>
	<p>Skar Audio RP Series Amplifiers Owner's Manual</p> <p>Owner's manual for Skar Audio RP Series car amplifiers, detailing features, specifications, and installation for monoblock and multi-channel models including RP-350.1D, RP-800.1D, RP-1200.1D, RP-1500.1D, RP-2000.1D, RP-3500.1D, RP-4500.1D, RP-75.4AB, RP-150.4AB, and RP-600.5.</p>