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> MACH 15 Plus RV Air Conditioner User Manual

COLEMAN RVP 38204-069

MACH 15 Plus RV Air Conditioner User Manual

Model: 38204-069 | Brand: COLEMAN RVP

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your COLEMAN RVP MACH 15 Plus RV Air Conditioner. Please read this manual thoroughly before installation and use, and keep it for future reference.

The MACH 15 is designed to be the world's most powerful RV air conditioner, offering superior cooling output, especially suitable for ducted systems. It provides a nominal cooling capacity of 15,000 BTU.

SAFETY INFORMATION

Always observe basic safety precautions when installing, operating, or maintaining this appliance to reduce the risk of fire, electric shock, or injury to persons.

- **WARNING:** Disconnect power before servicing.
- **CAUTION:** Installation should be performed by a qualified technician.
- Ensure proper ventilation during operation.
- Do not block air inlets or outlets.
- Keep children and pets away from the unit during operation.

WHAT'S IN THE BOX

Verify that all components are present before beginning installation.

- COLEMAN RVP MACH 15 Plus - 15,000 BTU A/C Unit (Black)
- Wood Skid (for shipping protection)
- User Manual (this document)



Image: Top-down view of the COLEMAN RVP MACH 15 Plus RV Air Conditioner, showcasing its black casing and grille.

SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your RV air conditioner. It is recommended that installation be performed by a certified RV technician.

1. **Preparation:** Ensure the RV roof opening is clean and properly sized for the unit (typically 14" x 14").
2. **Mounting:** Carefully lift the unit onto the RV roof. Position it over the opening, ensuring proper alignment.
3. **Securing:** Use the provided mounting hardware to secure the unit to the roof. Follow torque specifications outlined in the detailed installation guide (not included in this general manual).
4. **Electrical Connection:** Connect the unit to the RV's electrical system. Ensure the power supply matches the unit's requirements (e.g., 120V AC, 60Hz). All wiring must comply with local and national electrical codes.
5. **Ducting (if applicable):** If your RV has a ducted system, ensure the unit's air outlets align correctly with the RV's ductwork for optimal airflow.
6. **Testing:** After installation, perform a functional test to ensure the unit operates correctly and cools effectively.



Image: Side view of the COLEMAN RVP MACH 15 Plus RV Air Conditioner, showing the black housing and ventilation grilles.

OPERATING INSTRUCTIONS

The MACH 15 Plus is typically controlled via an RV's internal thermostat or control panel. Refer to your RV's specific control system manual for detailed operation.

- **Power On/Off:** Use the thermostat to turn the unit on or off.
- **Mode Selection:** Select desired mode (Cool, Fan, Heat - if applicable to your system).
- **Temperature Setting:** Adjust the thermostat to your desired temperature.
- **Fan Speed:** Choose between high, medium, or low fan speeds for optimal comfort and noise level.
- **Airflow Direction:** Adjust the louvers on your RV's ceiling assembly to direct airflow as needed.

MAINTENANCE

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

- **Air Filter Cleaning:** Clean or replace the air filters located in the ceiling assembly regularly (e.g., monthly during heavy use). Dirty filters restrict airflow and reduce efficiency.
- **Condenser Coil Cleaning:** Periodically inspect and clean the outdoor condenser coils. Remove any debris, leaves, or dirt that may accumulate. This should be done by a qualified technician if access is difficult.
- **Drain Pan Inspection:** Check the condensate drain pan and drain lines for blockages. Ensure water can drain freely.
- **Electrical Connections:** Annually, have a qualified technician inspect all electrical connections for tightness and signs of wear.
- **Winterization:** If storing the RV in freezing temperatures, ensure the unit is properly winterized according to general RV guidelines.

TROUBLESHOOTING

Before contacting customer support, review these common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, tripped breaker, faulty thermostat.	Check RV's main power supply. Reset circuit breaker. Verify thermostat settings.
Insufficient cooling.	Dirty air filters, blocked condenser coils, low refrigerant (rare for sealed units).	Clean or replace air filters. Clear debris from condenser coils. Contact technician if issue persists.
Excessive noise.	Loose mounting, debris in fan, worn motor bearings.	Ensure unit is securely mounted. Inspect for foreign objects in fan. Contact technician for bearing issues.
Water leaking from unit.	Clogged condensate drain, improper installation angle.	Clear drain pan and lines. Verify unit is level.

SPECIFICATIONS

Key technical specifications for the COLEMAN RVP MACH 15 Plus RV Air Conditioner.

Model Name: MACH 15 Plus

Model Number: 38204-069

Cooling Capacity: 15,000 nominal BTU

Color: Black

Item Weight: 86 Pounds (approx. 39 kg)

Product Dimensions: 41"D x 29.25"W x 15"H (approx. 104.1cm D x 74.3cm W x 38.1cm H)

Manufacturer: Coleman-Mach

UPC: 755790005765

WARRANTY INFORMATION

For specific warranty details, please refer to the warranty card included with your product or visit the official COLEMAN RVP website. Generally, products are covered against defects in material and workmanship for a limited period from the date of purchase.

Protection plans are also available for extended coverage:

- 3-Year Protection Plan (ASIN: B0CG2H3J3D)
- Complete Protect: One plan covers all eligible past and future purchases (ASIN: B07RZ3LSHM)

CUSTOMER SUPPORT

If you require further assistance or have questions not covered in this manual, please contact COLEMAN RVP customer support.

Website: www.colemanrvp.com (placeholder, actual URL not provided)

Phone: Refer to the product packaging or official website for contact numbers.

Online Support: Check the manufacturer's website for FAQs, troubleshooting guides, and service request forms.

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