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› Coleman-Mach 38203-0660 Mach 3 13.5 BTU RV Air Conditioner - Arctic White User Manual

Coleman-Mach 38203-0660

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User Instruction Manual

1. INTRODUCTION

Thank you for choosing the Coleman-Mach 38203-0660 Mach 3 13.5 BTU RV Air Conditioner. This unit is designed to provide efficient and reliable cooling for your recreational vehicle. This manual contains important information regarding the safe installation, operation, maintenance, and troubleshooting of your air conditioner. Please read it thoroughly before installation and retain it for future reference.

What's in the Box:

- Coleman-Mach 38203-0660 Mach 3, 13.5 BTU DQ - Arctic White RV Air Conditioner Unit

2. SAFETY INFORMATION

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

- **Electrical Safety:** Ensure the power supply is disconnected before any installation or maintenance. The unit operates on 120V AC and has an ampere rating of 15.3 Amp. All electrical work should be performed by a qualified electrician.
- **Installation:** Follow all installation instructions carefully. Improper installation can lead to hazards.
- **Maintenance:** Only use manufacturer-approved replacement parts. Do not attempt to repair the unit yourself if you are not qualified.
- **Children:** Keep children away from the unit during operation and maintenance.

3. SETUP AND INSTALLATION

The Coleman-Mach 38203-0660 Mach 3 RV Air Conditioner is designed for easy replacement and fits any standard 14"x14" roof opening. It supports both ducted and non-ducted systems, offering flexibility for various RV configurations. Professional installation is recommended.

Installation Steps (Overview):

1. **Prepare the Opening:** Ensure the roof opening is a standard 14"x14" size. Clear any debris and ensure the area is structurally sound.
2. **Mount the Unit:** Carefully lift the air conditioner unit onto the roof and position it over the opening.
3. **Secure the Unit:** From inside the RV, install the ceiling assembly and secure the unit according to the specific instructions provided with the ceiling assembly kit (sold separately).
4. **Electrical Connection:** Connect the unit to the RV's 120V AC power supply. Ensure all connections are secure and comply with local electrical codes.
5. **Test Operation:** Once installed, restore power and test the unit's functionality.



Image 1: The Coleman-Mach 38203-0660 Mach 3 RV Air Conditioner unit in Arctic White. This image shows the exterior housing of the air conditioner, designed for rooftop installation on an RV.

4. OPERATING INSTRUCTIONS

The operation of your Coleman-Mach RV Air Conditioner is typically controlled via a wall thermostat or a control panel within your RV. Refer to your RV's specific control system manual for detailed instructions on setting temperatures and modes.

General Operation:

- **Power On/Off:** Use the main power switch or thermostat to turn the unit on or off.
- **Temperature Setting:** Adjust the desired temperature using the thermostat controls.
- **Fan Speed:** Select the desired fan speed (e.g., Low, Medium, High, Auto) for optimal airflow and noise levels.
- **Operating Modes:** Common modes include Cool, Fan Only, and sometimes Heat (if your system includes a heat strip).

For best performance, ensure all windows and vents in your RV are closed when the air conditioner is operating.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your RV air conditioner.

Recommended Maintenance:

- **Air Filter Cleaning:** The air filter, located in the ceiling assembly, should be cleaned regularly (e.g., monthly during heavy use). Remove the filter, wash it with mild soap and water, rinse thoroughly, and allow it to dry completely before reinstallation.
- **Exterior Cleaning:** Periodically inspect and clean the exterior of the unit on the RV roof. Remove any leaves, dirt, or debris that may obstruct airflow.

- **Coil Inspection:** Annually, or as needed, inspect the condenser and evaporator coils for dirt buildup. If coils are dirty, professional cleaning may be required.
- **Electrical Connections:** Periodically check electrical connections for tightness and signs of corrosion. Ensure power is disconnected before inspection.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter. For more complex problems, contact a qualified service technician.

Problem	Possible Cause	Solution
Unit does not turn on	No power, tripped breaker, faulty thermostat	Check RV's power supply, reset circuit breaker, verify thermostat settings.
Insufficient cooling	Dirty air filter, blocked coils, low refrigerant, incorrect temperature setting	Clean air filter, clear obstructions from coils, ensure proper temperature setting. Contact service for refrigerant issues.
Excessive noise	Loose components, fan obstruction, motor issue	Inspect for loose parts, clear fan obstructions. If noise persists, contact service.
Water leaking	Clogged drain pan, improper installation	Clear drain pan and lines. Verify proper unit leveling and seal during installation.

7. SPECIFICATIONS

Detailed technical specifications for the Coleman-Mach 38203-0660 Mach 3 RV Air Conditioner.

Feature	Specification
Model Name	38203-0660
Cooling Capacity	13,500 BTU (1.13 Tons)
Voltage Rating	120V AC
Ampere Rating	15.3 Amp
Airflow	320 CFM
Refrigerant	R-34
Product Dimensions (D x W x H)	40.38" x 29.25" x 15.25"
Item Weight	85 Pounds
Color	Arctic White
Installation Type	Through The Wall (RV Roof)
Roof Opening Compatibility	14" x 14"

Feature	Specification
Special Features	Enhanced Cooling System, Versatile Installation Options (Ducted/Non-Ducted)
Tubing Material	All-copper tubing with gas-flux brazed joints
UPC	755790005666

8. WARRANTY INFORMATION

The Coleman-Mach 38203-0660 Mach 3 RV Air Conditioner comes with a **2-year limited warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full terms and conditions, refer to the warranty documentation included with your product or contact Coleman-Mach customer support.

9. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your Coleman-Mach RV Air Conditioner, please contact Coleman-Mach customer support. Contact information can typically be found on the manufacturer's official website or on the product packaging.

When contacting support, please have your model number (38203-0660) and proof of purchase readily available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

