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› Coleman-Mach 38209-0680 Mach 15 15,000 BTU Power Saver A/C User Manual

Coleman-Mach 38209-0680

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USER MANUAL

Product Overview

This manual provides essential information for the safe and efficient operation of your Coleman-Mach 38209-0680 Mach 15 15,000 BTU Power Saver Air Conditioner. This high-efficiency 120-volt rooftop AC is designed to deliver 15,000 BTUs of cooling power, suitable for RVs, trailers, and other applications with a 14x14 inch roof opening.



Image: The Coleman-Mach 38209-0680 Mach 15 15,000 BTU Power Saver A/C unit in polished black. This image shows the exterior design of the rooftop air conditioner.

Safety Instructions

Always read and understand all safety warnings and instructions before installing, operating, or performing maintenance on this unit. Failure to follow these instructions could result in property damage, personal injury, or death.

- Ensure the power supply is disconnected before any installation or maintenance.
- Installation should be performed by a qualified technician.
- Do not operate the unit with damaged wiring or components.
- Keep clear of moving parts and electrical connections.

Setup and Installation

Proper installation is crucial for the performance and longevity of your air conditioner. This unit is designed for a standard 14x14 inch roof opening.

1. **Preparation:** Ensure the mounting surface is flat, structurally sound, and clean. Verify the roof opening dimensions.
2. **Mounting:** Carefully lift the unit onto the roof. Position it over the opening, ensuring proper alignment.
3. **Securing:** Use appropriate fasteners and sealants as per the detailed installation guide (not included in this general manual) to secure the unit and prevent leaks.
4. **Electrical Connection:** Connect the unit to a dedicated 115V AC, 60Hz, 1 Phase power supply. All electrical work must comply with local codes and standards.
5. **Ducting (if applicable):** Connect any necessary air ducts to the unit's plenum.

Consult a professional for detailed installation instructions specific to your vehicle or structure.

Operating Instructions

Once installed and powered, operate your air conditioner using the control panel or remote (if equipped).

- **Power On/Off:** Press the power button to turn the unit on or off.
- **Mode Selection:** Select the desired operating mode (e.g., Cool, Fan Only).
- **Temperature Adjustment:** Use the temperature controls to set your desired cooling temperature.
- **Fan Speed:** Adjust the fan speed (Low, Medium, High) for optimal airflow and noise level.
- **Power Saver Feature:** This unit is part of the Power Saver series, designed for efficient operation. Ensure proper insulation of your space to maximize energy savings.

Maintenance

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

- **Air Filter Cleaning:** Check and clean the air filters monthly, or more frequently with heavy use. Dirty filters reduce efficiency and airflow.
- **Coil Cleaning:** Periodically inspect and clean the condenser and evaporator coils. This should be done by a qualified technician.
- **Drain Pan:** Ensure the condensation drain pan and drain lines are clear of obstructions to prevent water overflow.
- **Exterior Cleaning:** Keep the exterior of the unit clean and free from debris.
- **Seasonal Checks:** Before and after periods of non-use, perform a thorough inspection of all components.

Troubleshooting

Before contacting customer support, review the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power, tripped breaker, faulty wiring	Check power supply, reset breaker, inspect wiring (qualified technician)
Insufficient cooling	Dirty air filter, blocked coils, low refrigerant, incorrect mode setting	Clean filter, clean coils, check refrigerant (qualified technician), verify mode
Unusual noise	Loose parts, debris in fan, motor issue	Inspect for loose components, remove debris, contact service if motor issue
Water leakage	Clogged drain line, improper installation	Clear drain line, check installation (qualified technician)

If problems persist after attempting these solutions, contact Coleman-Mach customer support.

Specifications

Feature	Detail
Model Number	38209-0680
Cooling Capacity	15,000 BTU
Electrical Rating	115V AC, 60Hz, 1 Phase
Standard Running Watts	1341 W
Running Watts with Heat Strip	1750 W
Air Delivery CFM	322 CFM
Heat Pump	No
Condensation Pump	No
Color	Polished Black
Brand	Coleman-Mach
UPC	755790005871

Warranty Information

This Coleman-Mach product is covered by a manufacturer's warranty. Specific warranty terms and conditions, including duration and coverage details, are typically provided with the product packaging or available on the official Coleman-Mach website. Please retain your proof of purchase for warranty claims.

For detailed warranty information, please refer to the documentation included with your purchase or visit the official Coleman-Mach support portal.

Customer Support

For technical assistance, parts, or service inquiries, please contact Coleman-Mach customer support.

- **Online Support:** Visit the official Coleman-Mach website for FAQs, product registration, and support resources.
- **Phone Support:** Refer to your product packaging or the official website for current contact numbers.
- **Service Centers:** Locate authorized service centers through the Coleman-Mach website.

When contacting support, please have your model number (38209-0680) 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