

[Manuals.plus](#) /

› [Coleman-Mach](#) /

› Coleman-Mach 45204-0762 Mach 10 Signature Series Low-Profile Air Conditioner User Manual

Coleman-Mach 45204-0762

Coleman-Mach 45204-0762 Mach 10 Signature Series Low-Profile Air Conditioner User Manual

Model: 45204-0762

INTRODUCTION

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your Coleman-Mach 45204-0762 Mach 10 Signature Series Low-Profile Air Conditioner. Please read this manual thoroughly before attempting to install or operate the unit. Retain this manual for future reference.

SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- Always disconnect power before servicing the unit.
- Installation must be performed by a qualified service technician.
- Ensure proper grounding to prevent electrical shock.
- Do not operate the unit with damaged wiring or components.
- Keep all flammable materials away from the unit.
- This unit is designed for Mobile/Recreational Vehicles.

WHAT'S IN THE BOX

Upon unpacking, verify that all components are present and undamaged:

- Coleman-Mach 45204-0762 Mach 10 Signature Series Low-Profile Air Conditioner with Wood Skid - 15,000 BTU, Textured White
- User Manual (this document)
- Mounting hardware (if applicable, check packaging)

SPECIFICATIONS

Brand	Coleman-Mach
Model Name	45204-0762
Capacity	15,000 British Thermal Units (BTU)
Cooling Power	15,000 British Thermal Units (BTU)
Special Feature	High Density Filter
Product Dimensions (D x W x H)	41"D x 28"W x 12.75"H
Color	Textured White
Refrigerant	R 410A
Power Source	Corded Electric
Form Factor	Low-profile
Installation Type	Split System
Application	Mobile/Recreational Vehicles
Wattage	4400 watts
Item Weight	98 Pounds
Control Method	Remote, Touch
Controller Type	Remote Control



Image 1: The Coleman-Mach 45204-0762 Mach 10 Signature Series Low-Profile Air Conditioner unit. This image shows the overall design and textured white shroud of the air conditioner.



Image 2: Dimensions of the Coleman-Mach 45204-0762 Mach 10 Signature Series Low-Profile Air Conditioner. The image indicates a depth of 41 inches, a width of 28 inches, and a height of 12.75 inches.

SETUP AND INSTALLATION

Installation of this air conditioning unit requires specialized knowledge and tools. It is strongly recommended that installation be performed by a certified RV technician or a qualified HVAC professional.

Pre-Installation Checks:

- Verify that the roof opening dimensions are compatible with the unit (typically 14" x 14").
- Ensure the structural integrity of the roof can support the unit's weight (98 lbs).
- Confirm that the electrical supply meets the unit's requirements (4400 watts, appropriate voltage).
- Inspect the unit for any shipping damage before installation.

General Installation Steps (Professional Installation Recommended):

1. Prepare the roof opening, ensuring it is clean and free of debris.
2. Apply appropriate sealant around the opening to prevent water leaks.
3. Carefully lift the outdoor unit onto the roof and position it over the opening.
4. Secure the unit using the provided mounting hardware, ensuring a tight seal.
5. Connect the electrical wiring according to local codes and the unit's wiring diagram.
6. Install the indoor air distribution box (ADB) and connect it to the outdoor unit.
7. Perform a functional test to ensure proper operation and check for leaks.

OPERATING INSTRUCTIONS

The Coleman-Mach 45204-0762 air conditioner can be controlled via its remote control or the touch panel (if equipped).

Basic Operation:

- **Power On/Off:** Press the power button on the remote or control panel to turn the unit on or off.
- **Mode Selection:** Cycle through available modes (Cool, Fan, Auto) using the mode button.
 - *Cool Mode:* Provides cooling to the interior.
 - *Fan Mode:* Circulates air without cooling.

- **Auto Mode:** Automatically selects cooling or fan based on the set temperature.

- **Temperature Adjustment:** Use the up/down arrows to set your desired temperature. The unit will operate to maintain this temperature.
- **Fan Speed:** Adjust fan speed (Low, Medium, High, Auto) as needed for comfort and noise level.

Refer to the specific remote control or control panel manual for detailed instructions on advanced features, timers, and sleep modes.

MAINTENANCE

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

Filter Cleaning:

- The unit features a high-density filter.
- Filters should be cleaned every 2-4 weeks of operation, or more frequently in dusty environments.
- To clean, remove the filter from the indoor air distribution box.
- Wash the filter with mild soap and warm water. Rinse thoroughly.
- Allow the filter to air dry completely before re-installing. Do not use heat to dry.

Seasonal Checks:

- Inspect the outdoor unit shroud for cracks or damage.
- Check all electrical connections for tightness and corrosion.
- Ensure the condensate drain is clear and free of obstructions.
- Clean the outdoor coil fins gently with a soft brush or vacuum to remove debris.

For detailed internal cleaning or refrigerant checks, contact a qualified service technician.

TROUBLESHOOTING

Before contacting service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; tripped circuit breaker; loose wiring.	Check power source and circuit breaker. Ensure all connections are secure.
Unit runs but does not cool.	Dirty air filter; low refrigerant; blocked condenser coils; incorrect mode setting.	Clean air filter. Ensure unit is in Cool mode. Check for obstructions around outdoor unit. Contact service for refrigerant issues.
Reduced airflow.	Dirty air filter; blocked air intake/outlet.	Clean air filter. Ensure nothing is blocking the vents.
Unusual noises.	Loose components; debris in fan; motor issues.	Turn off unit and inspect for loose parts or debris. If noise persists, contact service.

If the problem persists after attempting these solutions, contact a qualified service technician.

WARRANTY INFORMATION

This Coleman-Mach air conditioner comes with a **Limited Warranty**. Specific terms and conditions, including coverage duration and exclusions, are provided with your purchase documentation. Please refer to the warranty card or contact Coleman-Mach customer support for detailed information.

SUPPORT

For technical assistance, parts, or service inquiries, please contact Coleman-Mach customer support. Have your model number (45204-0762) and serial number ready when you call.

You can often find contact information on the manufacturer's official website or in your purchase documentation.

© 2023 Coleman-Mach. All rights reserved. This manual is for informational purposes only.

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