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› Coleman Mach 10 NDQ Air Conditioner User Manual

Coleman 45203-8793

Coleman Mach 10 NDQ Air Conditioner User Manual

Model: 45203-8793

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Coleman Mach 10 NDQ Air Conditioner. Please read this manual thoroughly before installation or operation and retain it for future reference.

The Coleman Mach 10 NDQ Air Conditioner is designed to provide superior cooling and heating performance for non-ducted applications, with an added benefit of noise reduction.

2. PRODUCT OVERVIEW



Figure 1: Exterior view of the Coleman Mach 10 NDQ Air Conditioner unit. This image highlights its compact and aerodynamic black housing.

Key Features:

- **Capacity:** 13,500 BTUH Cooling / 5,600 BTUH Heating.

- **Electrical Rating:** 115 VAC, 60 Hz, 1 Phase.
- **Cooling Amps:** 10.4 A.
- **Heating Amps:** 16.0 A.
- **Color:** Black.
- **Special Features:** Air Purification Filter, Heating and Cooling Function.

3. SPECIFICATIONS

Attribute	Value
Manufacturer	Coleman-Mach
Brand	Coleman
Model	45203-8793
Item Weight	102 pounds
Product Dimensions	38 x 26.1 x 11.8 inches
Voltage	115 Volts
Wattage	1196 watts
Refrigerant	R 410A
Power Source	Corded Electric
Form Factor	Large Appliance / Air Conditioner Unit

4. WHAT'S IN THE BOX

Upon unpacking, please verify that all components are present and undamaged. The package should contain:

- One (1) Coleman-Mach 45203-8793 Mach 10 NDQ Air Conditioner 13.5 BTU A/C - Black (or White, depending on model variant).
- Installation and User Manual (this document).
- Mounting hardware (if applicable, refer to installation guide for specifics).

5. SETUP & INSTALLATION

Installation of the Coleman Mach 10 NDQ Air Conditioner should ideally be performed by a qualified technician due to the electrical and structural requirements. Incorrect installation can lead to property damage, personal injury, or void the product warranty.

General Installation Steps (Consult full installation guide for details):

1. **Preparation:** Ensure the mounting surface is structurally sound and can support the unit's weight (102 lbs). Verify electrical supply meets the unit's requirements (115 VAC, 60 Hz).
2. **Unpacking:** Carefully remove the unit from its packaging.
3. **Cover Removal:** To access mounting points and internal components, the top cover may need to be removed. This typically involves unscrewing retaining screws and carefully disengaging any clips or clasps. *(Refer to the video for a*

visual guide on cover removal and reinstallation.)

4. **Mounting:** Secure the unit to the prepared surface using appropriate hardware. Ensure a proper seal to prevent water ingress.
5. **Electrical Connection:** Connect the unit to the electrical supply according to local codes and the wiring diagram provided in the detailed installation guide.
6. **Cover Reinstallation:** Once installation is complete, carefully reattach the top cover, ensuring all screws and clips are securely fastened.
7. **Testing:** Before final use, perform a test run to ensure proper operation of all functions (cooling, heating, fan).

6. OPERATING INSTRUCTIONS

The Coleman Mach 10 NDQ Air Conditioner is designed for user-friendly operation. Specific controls (thermostat, mode selection) will depend on your internal control panel, which is sold separately.

General Operation:

- **Power On/Off:** Use the main power switch or thermostat control to turn the unit on or off.
- **Mode Selection:** Select desired mode (Cool, Heat, Fan Only) via your control panel.
- **Temperature Setting:** Adjust the thermostat to your preferred temperature. The unit will cycle on and off to maintain this setting.
- **Fan Speed:** Adjust fan speed as needed for comfort and air circulation.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air conditioner. Always disconnect power to the unit before performing any maintenance.

- **Air Filter Cleaning:** Periodically clean or replace the air purification filter to maintain air quality and unit efficiency. Frequency depends on usage and environment.
- **Exterior Cleaning:** Keep the exterior housing clean from debris, leaves, and dirt. Use a soft cloth and mild detergent if necessary.
- **Coil Inspection:** Annually inspect the condenser and evaporator coils for dirt buildup. Clean gently with a soft brush or coil cleaner if necessary.
- **Drain Pan:** Ensure the condensate drain pan and drain lines are clear and free of obstructions.
- **Electrical Connections:** Periodically check electrical connections for tightness and signs of corrosion.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on	No power, tripped breaker, faulty thermostat	Check power supply, reset breaker, verify thermostat settings.
Insufficient cooling/heating	Dirty air filter, blocked coils, low refrigerant	Clean/replace filter, clean coils, contact qualified technician for refrigerant check.
Unusual noise	Loose components, fan obstruction	Inspect for loose parts, clear fan area. If noise persists, contact support.

If the issue persists after attempting these solutions, please contact Coleman customer support.

9. WARRANTY INFORMATION

The Coleman Mach 10 NDQ Air Conditioner comes with a **Limited Warranty**. Please refer to the official warranty documentation included with your purchase for full terms and conditions, including coverage details and duration.

Legal Disclaimer: Due to weight, return of this item will incur a a 10% restocking fee.

10. SUPPORT & CONTACT

For technical assistance, parts, or warranty claims, please contact Coleman customer support. Visit the official Coleman website or refer to your purchase documentation for the most current contact information.

Online Resources: [Visit the Coleman Store on Amazon](#)

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