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› Coleman Mach 9430E715 Non-ducted Ceiling Assembly User Manual

Coleman 9430E715

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User Instruction Manual

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1. PRODUCT OVERVIEW

The Coleman Mach 9430E715 Non-ducted Ceiling Assembly is designed to provide efficient air distribution for your RV's air conditioning system. It features a low-profile Euro styling that enhances the interior aesthetics of your recreational vehicle. This assembly is engineered for easy integration, covering existing ceiling imprints for a clean finish. Control knobs are conveniently located on the horizontal surface, ensuring accessibility even in RVs with high ceilings or in bedroom areas. The design incorporates independently controlled front and rear airflow dampers, allowing precise direction of cool air for optimal comfort. It includes a telescoping air chute and an outer cover that securely attaches to the metal mounting ring, ensuring a tight fit to the ceiling surface. The unit also features pop-out retainer grilles for tool-free access to washable air filters, simplifying maintenance. This ceiling assembly is compatible with most Coleman-Mach rooftop air conditioners and is ready for electric heat strip installation.



Figure 1: Top view of the Coleman Mach 9430E715 Non-ducted Ceiling Assembly, showing the main body and air vents.

2. SETUP AND INSTALLATION

This ceiling assembly is designed for straightforward installation, particularly when upgrading from an existing unit. It is compatible with most Coleman-Mach rooftop air conditioners. Ensure your existing AC unit is a Coleman-Mach model for proper fit and function.

2.1 Pre-Installation Checks

- Verify that the power to the RV's air conditioning system is completely disconnected at the source.
- Confirm that the new ceiling assembly (Model 9430E715) is the correct replacement for your existing non-ducted system.
- Inspect the packaging for any signs of damage during transit.
- Ensure all components listed in the product's packing list are present.

2.2 Installation Steps (General Guidance)

1. Carefully remove the old ceiling assembly, if applicable, following the manufacturer's instructions for its removal.
2. Position the new Coleman Mach 9430E715 ceiling assembly over the existing ceiling imprint. The contemporary design is intended to cover this area seamlessly.
3. Connect any necessary electrical wiring according to the wiring diagram provided with your specific Coleman-Mach rooftop AC unit. Ensure all connections are secure and insulated.
4. Attach the outer cover directly to the corners of the metal mounting ring. Tighten the fasteners to pull each corner securely against the ceiling surface, ensuring a snug fit.
5. If installing an electric heat strip (sold separately), follow the specific instructions provided with the heat strip for proper integration into this assembly.
6. Once installed, restore power to the RV's air conditioning system and test the unit's functionality.



Figure 2: View of the Coleman Mach 9430E715 Non-ducted Ceiling Assembly, highlighting the control knobs and air vents.

3. OPERATION

The Coleman Mach 9430E715 ceiling assembly provides intuitive controls for managing your RV's climate.

3.1 Control Knobs

The primary operation and control knobs are conveniently located on the horizontal surface of the assembly. This placement ensures easy access, particularly beneficial in RVs with elevated ceilings or when operating the unit from a bed.

- **Temperature Control:** Adjust the thermostat knob to set your desired temperature.
- **Fan Speed Control:** Select the fan speed (e.g., Low, Medium, High) using the fan control knob.
- **Mode Selection:** Choose between cooling, fan-only, or heat (if an electric heat strip is installed and active) modes.

3.2 Airflow Management

The assembly features independently controlled front and rear airflow dampers. These dampers allow you to direct the cool air precisely where it is needed most within your RV.

- **Front Damper:** Adjust to direct airflow towards the front of the RV.
- **Rear Damper:** Adjust to direct airflow towards the rear of the RV.
- By manipulating both dampers, you can achieve maximum cooling comfort and efficient air distribution throughout your living space.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Coleman Mach 9430E715 Non-ducted Ceiling Assembly.

4.1 Air Filter Cleaning

The assembly is equipped with washable air filters that are easily accessible for cleaning.

1. **Access Filters:** Locate the pop-out retainer grilles on the ceiling assembly. Gently press or pull the designated tabs to release and remove the grilles. No tools are required for this step.
2. **Remove Filters:** Carefully slide out the air filters from their slots.
3. **Clean Filters:** Wash the filters with mild soap and warm water. Rinse thoroughly to remove all soap residue.
4. **Dry Filters:** Allow the filters to air dry completely before reinstallation. Do not use heat to dry them, as this may damage the filter material.
5. **Reinstall Filters:** Once dry, slide the filters back into their slots.
6. **Secure Grilles:** Snap the retainer grilles back into place until they are securely seated.

Frequency: It is recommended to clean the air filters monthly during periods of regular use, or more frequently if operating in dusty environments.

4.2 General Cleaning

- Wipe the exterior surfaces of the ceiling assembly with a soft, damp cloth.
- Avoid using abrasive cleaners or solvents, as these can damage the finish.
- Ensure the unit is powered off before cleaning.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Coleman Mach 9430E715 Non-ducted Ceiling Assembly. For problems not listed here, or if solutions do not resolve the issue, please contact qualified service personnel.

Problem	Possible Cause	Solution
No power to the unit.	RV circuit breaker tripped. Loose electrical connection. Shore power disconnected.	Check and reset the RV's circuit breaker. Ensure all electrical connections are secure (<i>consult a professional if unsure</i>). Verify shore power connection or generator operation.

Problem	Possible Cause	Solution
Poor airflow from vents.	Dirty air filters. Airflow dampers are closed or partially closed. Obstruction in air ducts (<i>if applicable to your AC unit</i>).	Clean or replace air filters (refer to Section 4.1). Adjust front and rear airflow dampers to open position. Inspect for obstructions (<i>may require professional assistance</i>).
Unit runs but does not cool effectively.	Thermostat set too high. Dirty evaporator or condenser coils (<i>on rooftop unit</i>). Low refrigerant (<i>on rooftop unit</i>).	Lower the thermostat setting. Clean coils (<i>consult your rooftop AC unit manual or a professional</i>). Contact a certified HVAC technician for refrigerant issues.

6. SPECIFICATIONS

Key specifications for the Coleman Mach 9430E715 Non-ducted Ceiling Assembly:

- **Manufacturer:** Coleman Mach
- **Brand:** Coleman
- **Model:** 9430E715
- **Item Weight:** 8 pounds
- **Product Dimensions:** 22 x 22 x 4 inches
- **Item Model Number:** 9430E715
- **Manufacturer Part Number:** 9430E715
- **Compatibility:** Fits most Coleman-Mach rooftop air conditioners.
- **Features:** Low profile Euro styling, independently controlled front and rear airflow dampers, telescoping air chute, pop-out retainer grilles for washable filters, electric heat strip ready.

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Specific warranty details for the Coleman Mach 9430E715 Non-ducted Ceiling Assembly are typically provided with the product packaging or can be obtained directly from the manufacturer. Please refer to the documentation included with your purchase for comprehensive warranty terms and conditions. It is advisable to register your product upon purchase to facilitate any future warranty claims.

7.2 Customer Support

For technical assistance, replacement parts, or further inquiries regarding your Coleman Mach product, please visit the official Coleman website or contact their customer service department. You can find more information and contact details by visiting the [Coleman Store on Amazon](#) or their main corporate website.

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

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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