

[Manuals.plus](#) /

› [Coleman-Mach](#) /

› Coleman-Mach 8430A635 ChillGrille Instruction Manual

Coleman-Mach 8630-635

Coleman-Mach 8430A635 ChillGrille Instruction Manual

Model: 8630-635

1. INTRODUCTION

Thank you for choosing the Coleman-Mach 8430A635 ChillGrille. This product is designed to enhance the performance and comfort of your ducted Coleman-Mach RV air conditioning system. It features an exclusive DirectFlow Louver system, allowing for precise control over airflow distribution within your RV. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your ChillGrille.



Figure 1: Top view of the Coleman-Mach 8430A635 ChillGrille, showing the louvered design and central panel.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the ChillGrille. Failure to follow these instructions could result in property damage, personal injury, or death.

- Always disconnect power to the RV air conditioning unit before performing any installation or maintenance.
- Ensure all wiring connections are secure and comply with local and national electrical codes.
- Do not operate the unit with damaged components.
- Keep hands and tools clear of moving parts during operation.
- This product is intended for use with compatible Coleman-Mach ducted air conditioners only.

3. PACKAGE CONTENTS

Verify that all items are present before beginning installation:

- Coleman-Mach 8430A635 ChillGrille - Heat-Ready, Black
- Mounting Hardware (screws, clips, etc.)
- Installation Instructions (this document)

4. SETUP AND INSTALLATION

Installation of the ChillGrille is designed to be straightforward. Refer to the detailed instructions provided with your specific Coleman-Mach air conditioner unit for complete wiring and mounting procedures. The following steps outline the general installation process for the ChillGrille itself:

1. **Prepare the Opening:** Ensure the ceiling opening in your RV is clean and free of debris.
2. **Position the Grille:** Carefully align the ChillGrille with the ceiling opening, ensuring proper orientation for airflow distribution.
3. **Secure the Grille:** Use the provided mounting hardware to firmly attach the ChillGrille to the ceiling. Tighten screws evenly to prevent warping.
4. **Connect Electrical (if applicable):** If your model includes integrated lighting or other electrical features, connect the wiring according to the air conditioner unit's manual.
5. **Install Air Filter:** Insert the washable air filter into the EZReach Filter System compartment.
6. **Test Operation:** Restore power to the RV air conditioner and test the ChillGrille's functionality, including louver adjustment.

Note: Installation is fast and easy with detailed and illustrated instructions provided with the main air conditioning unit.

5. OPERATING INSTRUCTIONS

The Coleman-Mach ChillGrille offers flexible airflow control for personalized comfort:

- **Direct Airflow:** To channel cool air directly down into the cabin, open the specially designed louvers. This provides immediate cooling to the area directly beneath the grille.
- **Ducted Airflow:** To divert cool air through your existing RV duct system, close the louvers. This distributes air more broadly throughout the RV via the ducted vents.
- Adjust the louvers as needed to achieve your desired comfort level and air distribution.

6. MAINTENANCE

Regular maintenance ensures efficient operation and extends the life of your ChillGrille.

- **Air Filter Cleaning:** The exclusive EZReach Filter System provides quick access to the washable air filter. Simply loosen the fastener and swing out the grille to remove the filter. Wash the filter with mild soap and water, rinse thoroughly, and allow it to air dry completely before reinserting. Clean the filter regularly,

especially during periods of heavy use, to maintain optimal airflow and cooling efficiency.

- **Grille Cleaning:** Wipe the exterior of the grille with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the finish.

7. TROUBLESHOOTING

If you encounter issues with your ChillGrille, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Reduced Airflow	Clogged air filter	Clean or replace the air filter.
Louvers not adjusting	Obstruction or damage	Inspect louvers for obstructions. If damaged, contact customer support.
Unusual Noise	Loose mounting hardware	Check and tighten all mounting screws.

For issues not listed, or if solutions do not resolve the problem, please contact Coleman-Mach customer support.

8. SPECIFICATIONS

Feature	Detail
Manufacturer	Coleman-Mach
Brand	Coleman
Model Number	8630-635
Manufacturer Part Number	8630A635
Item Weight	8 pounds
Product Dimensions	22 x 20 x 5 inches
Compatibility	Ducted Coleman-Mach Air Conditioners
Features	DirectFlow Louver system, EZReach Filter System

9. WARRANTY INFORMATION

This Coleman-Mach ChillGrille is covered by a limited warranty. Please refer to the warranty documentation included with your original Coleman-Mach air conditioning unit or visit the official Coleman-Mach website for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

For technical assistance, replacement parts, or further inquiries, please contact Coleman-Mach customer support. Contact information can typically be found on the manufacturer's website or on the packaging of your product.

Online: Visit the official Coleman-Mach website for FAQs and support resources.

Phone: Refer to your product packaging or the Coleman-Mach website for customer service phone numbers.

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