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MAXXAIR 00-05100K

MAXXAIR Maxxfan Deluxe Instruction Manual

Model: 00-05100K

PRODUCT OVERVIEW

The MAXXAIR Maxxfan Deluxe (Model 00-05100K) is an all-in-one RV vent, shield, and fan system designed to provide superior ventilation and comfort in recreational vehicles. It features a built-in rain shield, a 10-speed reversible fan with thermostat control, and is designed to fit standard 14-inch by 14-inch roof openings. This manual provides essential information for the proper setup, operation, and maintenance of your Maxxfan Deluxe.



Figure 1: MAXXAIR Maxxfan Deluxe RV Vent (White)

KEY FEATURES

- **Built-in Rain Shield:** Provides full-time rain protection, allowing the fan to operate even during wet weather without water intrusion.
- **10-Speed Reversible Fan:** Offers versatile airflow control with ten fan speeds, capable of both intake (drawing air in) and exhaust (pushing air out) functions.
- **Integrated Thermostat:** Allows for automatic fan operation based on a set temperature, optimizing comfort and energy efficiency.

- **Ceiling Controls:** Conveniently located controls at the ceiling for easy access and operation.
- **Standard Fit:** Designed to fit standard 14-inch x 14-inch roof openings, making it suitable for most RVs.
- **Easy-to-Remove Insect Screen:** The interior insect screen can be easily removed by rotating four retaining knobs for quick and simple cleaning.
- **Durable Motor:** Equipped with a 12V long-life motor for reliable performance.

BUILT-IN RAIN COVER

PROVIDES FULL TIME RAIN PROTECTION



MAXxAIR
An AIRXCEL Brand

Figure 2: Maxxfan Deluxe highlighting the built-in rain cover for all-weather use.

MAXXPERFORMANCE

10 SPEED REVERSIBLE FAN
FITS ALL STANDARD 14"X14" ROOF
OPENINGS

EASILY REMOVE
INTERIOR SCREEN, NO TOOLS
REQUIRED

SEALED BALL BEARING
POWERFUL, FUSE PROTECTED &
LONG LIFE

Figure 3: Key performance features including 10-speed reversible fan and easy screen removal.

SETUP AND INSTALLATION

Installation of the Maxxfan Deluxe requires careful attention to sealing and electrical connections. It is recommended that installation be performed by individuals with appropriate DIY skills or a professional RV technician.

Pre-Installation Checklist:

- Ensure the RV's power source (shore power, batteries) is disconnected before beginning any electrical work.
- Gather necessary sealing supplies: Butyl rubber tape and a self-leveling roof sealant/caulk.
- Verify the roof opening is a standard 14" x 14" size.

Installation Steps (Summary):

1. Carefully remove the existing vent and clean any remaining sealant from the roof opening.
2. Apply Butyl rubber tape to the underside of the Maxxfan's mounting flange.

3. Position the Maxxfan base into the opening, ensuring proper alignment. Secure it with screws, utilizing existing holes where possible.
4. Apply self-leveling sealant around the perimeter of the fan's flange on the roof for a watertight seal.
5. Connect the fan's DC power wires, ensuring correct polarity (White to White, Black to Black).
6. Install the interior trim frame, cutting to fit if necessary, and secure it.
7. Attach the fan assembly to the base, ensuring the four retaining knobs are rotated to secure the insect screen.

Note: The Maxxfan Deluxe does not require an additional vent cover due to its integrated rain shield design.

OPERATING INSTRUCTIONS

The Maxxfan Deluxe offers intuitive controls for optimal air circulation.

Basic Operation:

- **Power On/Off:** Use the designated button on the ceiling control panel to turn the fan on or off.
- **Fan Speed:** Adjust the fan speed using the '+' and '-' buttons. The fan offers 10 variable speeds for precise airflow control.
- **Intake/Exhaust:** Toggle between intake (drawing fresh air in) and exhaust (removing stale air) modes using the in/out button.
- **Thermostat Control:** Set your desired temperature using the thermostat function. The fan will automatically adjust its operation to maintain the set temperature.

The built-in rain shield allows the fan to operate even during rain, preventing water from entering your RV while maintaining air circulation.

FRESH AIR. RAIN OR SHINE.



Figure 4: Enjoy fresh air in your RV, rain or shine, with the Maxxfan Deluxe.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Maxxfan Deluxe.

Cleaning the Insect Screen:

1. Rotate the four retaining knobs on the interior insect screen to release it.
2. Carefully remove the screen.
3. Clean the screen with mild soap and water. For stubborn grease or dirt, a degreaser may be used.
4. Rinse thoroughly and allow to dry completely before reinstallation.
5. Reinstall the screen by aligning it and rotating the retaining knobs to secure.

General Care:

- Periodically inspect the roof sealant around the fan for any cracks or deterioration. Reapply sealant as needed to prevent

leaks.

- Keep the fan blades free of dust and debris for efficient operation.

TROUBLESHOOTING

If you encounter issues with your Maxxfan Deluxe, consider the following common solutions:

Problem	Possible Cause	Solution
Fan not operating or erratic behavior (e.g., loud beep, stops after 10 seconds)	Voltage fluctuations, sensitive circuit board.	Ensure stable 12V power supply. Consider adding a 12V filter if voltage is unstable. Contact MAXXAIR support for potential circuit board replacement if issue persists.
Buttons unresponsive	Defective buttons or internal wiring issue.	Verify all wiring connections are secure. Contact MAXXAIR support for assistance.
Reduced airflow or unusual noise	Dirty fan blades or insect screen.	Clean the insect screen and fan blades as per maintenance instructions.

SPECIFICATIONS

Brand: MAXXAIR

Model Name: 00-05100K

Color: White

Electric Fan Design: Exhaust Fan (Reversible for Intake)

Power Source: DC Power Supply (12V)

Product Dimensions: 19.5"D x 25.5"W x 11.9"H

Blade Length: 12 Inches

Number of Power Levels: 10

Item Weight: 16.52 pounds

Included Components: MAXXAIR 00-05100K MaxxFan Deluxe - White

WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please refer to the official MAXXAIR website or contact their customer service directly. Keep your purchase receipt and model number handy for any inquiries.