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› MAXXAIR Maxxfan Plus 00-04000K RV Intake and Exhaust Fan User Manual

MAXXAIR 00-04000K

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Model: 00-04000K

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your MAXXAIR Maxxfan Plus 00-04000K RV Intake and Exhaust Fan. Designed for recreational vehicles, this fan offers efficient air circulation and ventilation, enhancing comfort in various weather conditions.

Key Features:

- High-powered 10-speed intake and exhaust fan for optimal airflow.
- Manual opening mechanism for the lid.
- Easy-to-use ceiling keypad controls for fan speed and thermostat.
- Integrated rain sensor automatically closes the lid to prevent water entry.
- Ability to operate the fan with the lid closed, functioning as a ceiling fan.
- Durable, long-life, fuse-protected 12-volt motor.
- Fits standard 14" x 14" roof openings.



Image 1.1: The MAXXAIR Maxxfan Plus 00-04000K RV fan with its lid open, showcasing the internal fan blades and motor assembly.



Image 1.2: Product packaging for the MAXXAIR Maxxfan Standard Model 4000K, highlighting key features like easy keypad control and lid opening knob.

2. SAFETY INFORMATION

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

- **Electrical Safety:** Disconnect all power to the RV's 12-volt system before beginning installation or

maintenance. Ensure proper wiring and fuse protection (a 7-amp fuse is recommended if not already present).

- **Installation Safety:** Always wear appropriate personal protective equipment (PPE) during installation, including eye protection and gloves. Exercise caution when working on the RV roof.
- **Ventilation:** Ensure adequate ventilation when using sealants or adhesives during installation.
- **Children and Pets:** Keep children and pets away from the fan during operation and maintenance.

3. INSTALLATION

The Maxxfan Plus is designed to fit standard 14" x 14" RV roof openings. While mounting screws and hardware are included, roof sealant (such as butyl tape and self-leveling Dicor caulk) must be purchased separately.

For detailed, step-by-step installation instructions, please refer to the official user manual PDF available from the manufacturer or retailer. Professional installation is recommended if you are unfamiliar with RV electrical systems or roof modifications.

Key Installation Considerations:

- Ensure the roof opening is clean, dry, and free of old sealant residue.
- Properly seal all edges and screw holes to prevent water leaks.
- Connect the fan to a dedicated 12-volt power source with appropriate circuit protection.
- The exterior flange features waterproof, molded mounting holes for easy installation of a FANMATE Vent Cover (sold separately), which does not require tools.



Image 3.1: Diagram highlighting key features of the MAXXAIR Maxxfan Standard, including its waterproof design, 10-speed fan, and high-powered motor.

4. OPERATING INSTRUCTIONS

The Maxxfan Plus offers intuitive controls for managing your RV's ventilation.

4.1. Ceiling Keypad Controls

The flush-mount ceiling keypad allows you to control various fan functions:

- **Power On/Off:** Activates or deactivates the fan.
- **Fan Speed:** Adjusts the fan speed through 10 settings.
- **Intake/Exhaust:** Toggles the fan direction to pull fresh air in or exhaust stale air out.
- **Thermostat:** Sets a desired temperature, allowing the fan to automatically turn on or off to maintain comfort.

4.2. Manual Lid Opening

The lid is opened and closed manually using a knob or crank mechanism located on the fan's interior trim. Ensure the lid is securely closed when the RV is in motion or during heavy rain.

4.3. Rain Sensor

The integrated rain sensor automatically detects moisture and closes the fan lid to protect your RV interior from rain. Once the sensor dries, the lid will remain closed until manually opened or the fan is operated in ceiling fan mode.

4.4. Ceiling Fan Mode

The fan can operate with the lid closed, circulating air inside your RV similar to a ceiling fan. This feature is useful for general air movement without opening the roof vent.



Image 4.1: An RV on a scenic road, illustrating the benefits of the Maxxfan's operational features such as 10-speed intake/exhaust, rain sensor, and convenient ceiling controls.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Maxxfan Plus.

5.1. Cleaning the Interior Insect Screen

The interior insect screen is designed for easy removal and cleaning. Periodically remove the screen and wash it with mild soap and water. Ensure it is completely dry before re-installing.

5.2. General Cleaning

Clean the fan blades and housing with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the plastic components. Ensure the fan is turned off and power is disconnected before cleaning.

5.3. Lid Mechanism

Inspect the lid opening mechanism periodically for smooth operation. Lubricate moving parts with a silicone-based lubricant if necessary.

6. TROUBLESHOOTING

If you encounter issues with your Maxxfan Plus, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Fan does not turn on.	No power, blown fuse, faulty wiring.	Check RV's 12-volt power supply. Inspect and replace fuse if blown. Verify wiring connections.
Fan operates but lid does not open/close.	Lid mechanism obstruction, motor issue.	Check for obstructions around the lid. Ensure manual crank is fully engaged or disengaged.
Rain sensor not working.	Sensor dirty or faulty.	Clean the rain sensor contacts on the lid. If issue persists, contact support.
Fan makes excessive noise.	Fan blades obstructed, motor issue, loose mounting.	Turn off fan and check for debris on fan blades. Ensure fan is securely mounted.
Fan turns on/off unexpectedly or beeps.	Circuit board malfunction.	This may indicate a circuit board issue. Contact MAXXAIR customer support for assistance.

If the problem persists after attempting these solutions, please contact MAXXAIR customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	MAXXAIR
Model	00-04000K
Item Weight	0.01 ounces (Product weight, not shipping)
Product Dimensions	17.4 x 17.2 x 10 inches
Voltage	12 Volts
Wattage	12 Watts
Fan Speeds	10
Air Movement	Over 900 cubic feet per minute
Roof Opening Size	Standard 14" x 14"
Special Features	Waterproof, Rain Sensor, Thermostat, Intake & Exhaust Capability

8. WARRANTY AND SUPPORT

The MAXXAIR Maxxfan Plus 00-04000K comes with a **2-year limited warranty** on the fan unit and a **lifetime**

limited warranty on the lid. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or replacement parts, please contact MAXXAIR customer service directly. Refer to the official MAXXAIR website or your product packaging for the most current contact information.

Note: No official product videos were available for embedding based on the provided data.