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## MAXXAIR 0004500K

# Maxxfan Plus RV Intake and Exhaust Fan User Manual

Model: 00-04500K | Brand: MAXXAIR

## 1. PRODUCT OVERVIEW

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The MAXXAIR Maxxfan Plus is a high-powered 10-speed RV intake and exhaust fan designed to provide optimal airflow and comfort in recreational vehicles. It features both manual and remote control options for electric opening, a rain sensor for automatic lid closure, and easy-to-use ceiling controls. This fan is engineered for durability and efficient air circulation, capable of moving over 900 cubic feet of air per minute.

## 2. KEY FEATURES

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- **High-Powered 10-Speed Fan:** Ensures optimal airflow for fresh and comfortable RV interiors.
- **Flexible Operation:** Control fan speed, thermostat, and air intake/exhaust via remote control or flush-mount ceiling keypad.
- **Automatic Rain Sensor:** Lid automatically closes when rain is detected, protecting the interior.
- **Continuous Air Circulation:** Fan can operate even with the lid closed to circulate air like a ceiling fan.
- **Easy Installation:** Features waterproof, molded mounting holes for straightforward setup.
- **Durable Design:** Long-life, sealed ball bearing 12-volt fan motor.
- **Removable Insect Screen:** Interior screen is easy to remove for cleaning.
- **Standard Fit:** Designed to fit all standard 14" x 14" roof openings.

## 3. WHAT'S IN THE BOX

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The Maxxfan Plus package typically includes the following components:

- Maxxair Vent Corp 00-04500K Maxxfan Plus Vent 14" 12V (Smoke or White lid)
- Remote Control (for electric opening models)
- Mounting screws and hardware

*Note: Roof sealant is sold separately and is required for proper installation.*

## 4. SETUP AND INSTALLATION

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Installation of the Maxxfan Plus requires careful attention to detail to ensure proper sealing and functionality. It is designed to fit standard 14" x 14" roof openings.

#### 4.1 Pre-Installation Checklist

- Verify roof opening dimensions (14" x 14").
- Gather necessary tools: screwdriver, drill, sealant (butyl tape and self-leveling sealant recommended), cleaning supplies.
- Ensure the installation area is clean, dry, and free of debris.
- Disconnect RV's 12V power supply before beginning electrical work.

#### 4.2 Installation Steps (Summary)

1. Prepare the roof opening: If replacing an old vent, carefully remove it and clean the area thoroughly. If creating a new opening, precisely cut a 14" x 14" hole.
2. Apply sealant: Apply butyl tape around the perimeter of the roof opening where the fan flange will sit.
3. Position the fan: Carefully place the Maxxfan into the opening, ensuring it is properly aligned.
4. Secure the fan: Fasten the fan to the roof using the provided mounting screws.
5. Seal the exterior: Apply self-leveling sealant over the screws and around the entire perimeter of the fan's exterior flange to create a watertight seal.
6. Wire the fan: Connect the fan's 12V wires to your RV's 12V power supply. Ensure correct polarity.
7. Install interior trim: Attach the interior trim piece to complete the installation.

For detailed, step-by-step installation instructions, please refer to the official Installation Manual (PDF) provided by the manufacturer: [Maxxfan Installation Manual](#).

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## 5. OPERATING INSTRUCTIONS

The Maxxfan Plus offers versatile control options for optimal comfort.

### 5.1 Control Options

- **Remote Control:** For electric opening models, the included remote allows full control over fan speed, thermostat settings, and lid operation.
- **Ceiling Keypad:** Flush-mount controls on the fan unit itself provide direct access to all functions.
- **Manual Override:** A manual hand crank knob is available to open or close the lid in case of power loss or motor failure.

### 5.2 Fan Functions

- **Power On/Off:** Use the power button on the remote or keypad to turn the fan on or off.
- **Fan Speed:** Adjust the fan speed through 10 different settings to control airflow intensity.
- **Intake/Exhaust:** Toggle between pulling fresh air into the RV (intake) or removing stale air and odors (exhaust).
- **Lid Operation:** Open or close the lid electrically via remote/keypad, or manually using the knob.
- **Rain Sensor:** When activated, the rain sensor automatically closes the lid upon detecting moisture. The fan will continue to operate with the lid closed to circulate air.
- **Thermostat:** Set a desired temperature, and the fan will automatically adjust its operation to maintain it.

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## 6. MAINTENANCE

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

## 6.1 Cleaning the 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 to prevent dust and debris buildup, which can restrict airflow.

## 6.2 Exterior Cleaning

Clean the exterior lid and fan housing regularly with a soft cloth and mild, non-abrasive cleaner. Avoid harsh chemicals that could damage the plastic components or sealant.

## 6.3 Sealant Inspection

Inspect the roof sealant around the fan's base annually for any cracks, peeling, or signs of wear. Reapply sealant as necessary to maintain a watertight seal and prevent leaks.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Fan not turning on.	No power, blown fuse, incorrect wiring.	Check 12V power supply. Inspect and replace any blown fuses. Verify wiring connections and polarity.
Lid not opening/closing.	Motor issue, obstruction, rain sensor activated.	Check for obstructions around the lid mechanism. If rain sensor is active, deactivate it or wait for dry conditions. Use manual override if motor is unresponsive.
Fan makes unusual noise.	Debris in fan blades, loose components, motor wear.	Turn off fan and inspect blades for debris. Ensure all mounting screws are secure. If noise persists, contact customer support.
Rain sensor not working.	Sensor dirty, sensor malfunction.	Clean the rain sensor on the exterior of the fan. If still unresponsive, contact customer support.
Remote control unresponsive.	Dead batteries, remote out of range, interference.	Replace remote control batteries. Ensure you are within effective range. Minimize electronic interference.

If these steps do not resolve the issue, please contact MAXXAIR customer support for further assistance.

## 8. SPECIFICATIONS

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Feature	Detail
Brand	MAXXAIR
Model Name	00-04500K
Color	Smoke
Electric Fan Design	Ceiling Fan
Power Source	Corded Electric (12 Volts)
Style	Modern

Feature	Detail
Product Dimensions	12.75"D x 14.76"W x 5.23"H
Special Feature	Waterproof
Recommended Uses	Air Circulation, Indoor, Home (RV)
Wattage	28 watts
Number of Blades	10
Blade Length	14 Inches
Number of Power Levels	10
Control Method	Remote
Item Weight	5.2 Pounds

## 9. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation included with your Maxxfan Plus or visit the official MAXXAIR website. Keep your purchase receipt as proof of purchase for any warranty claims.

## 10. PRODUCT IMAGES

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**Image 1: Maxxfan Plus with Remote.** This image shows the Maxxfan Plus RV fan unit with its lid open, revealing the fan blades and controls, alongside its remote control.



**Image 2: Maxxfan Standard Features.** A diagram highlighting key features such as vent & fan protection, 10-speed fan, waterproof design, and remote control.



# VENT, FAN AND RAIN PROTECTION ALL IN ONE UNIT.

**Image 3: Vent, Fan, and Rain Protection.** A close-up view of the Maxxfan's interior, emphasizing the mesh screen and the integrated protection features.

# WATERPROOF MOLDED MOUNTING TABS



**Image 4: Waterproof Molded Mounting Tabs.** This image displays the exterior of the Maxxfan lid, showcasing the waterproof molded mounting tabs designed for easy installation.

# FRESH AIR RAIN OR SHINE.

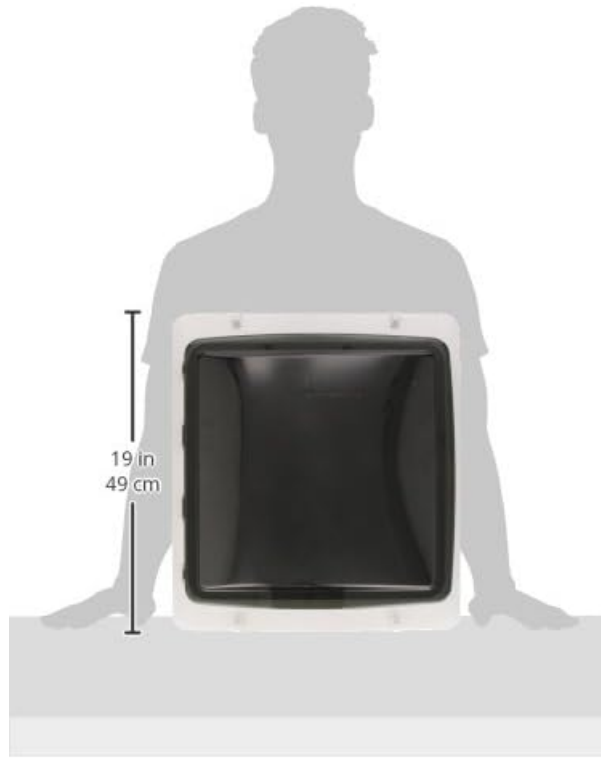


**Image 5: Fresh Air, Rain or Shine.** An illustrative image showing a person enjoying fresh air inside an RV, implying the fan's ability to provide ventilation in various weather conditions.

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**Image 6: RV Travel with Maxxfan.** This image depicts an RV on a road at sunset, symbolizing the freedom and comfort provided by the Maxxfan during travels.



**Image 7: Maxxfan Dimensions.** A diagram illustrating the physical dimensions of the Maxxfan unit.