EVGATSAUTO EVGATSAUTOub7mz56kwv

EVGATSAUTO 12V RV Roof Ventilator Instruction Manual

Model: EVGATSAUTOub7mz56kwv | Brand: EVGATSAUTO

1. Introduction

This instruction manual provides essential information for the safe and efficient use of your EVGATSAUTO 12V RV Roof Ventilator. This high-quality roof vent is designed for installation in campers, RVs, and trailers, offering effective air circulation. Please read this manual thoroughly before installation and operation.

2. Safety Information

- Always disconnect power before installation, maintenance, or troubleshooting.
- Ensure proper wiring and electrical connections to prevent short circuits or electrical hazards. This unit operates on 12V DC power.
- Do not operate the fan if any parts are damaged or missing.
- Keep hands and foreign objects away from moving fan blades.
- Installation should be performed by a qualified individual if you are unsure about electrical wiring or roof penetration.
- Ensure the mounting surface is structurally sound and sealed properly to prevent water leaks.

3. Package Contents

Verify that all components are present before beginning installation:

- 1 x Ventilator Unit

- 1 x Air Outlet
- 5 x Mounting Screws



Image 3.1: Main ventilator unit and included components.

4. Setup and Installation

The RV roof ventilator is designed for top-mount installation and is generally easy to install without complex tools. The height of the roof vent can be adjusted to meet various installation requirements, often involving a plastic tube that needs to be cut to match your ceiling thickness.

Installation Steps:

1. **Prepare the Mounting Location:** Choose a suitable location on your RV roof. Ensure there is sufficient clearance above and below the mounting area.

2. **Cut the Opening:** Carefully cut an opening in the roof according to the dimensions specified in the product diagram (not provided in this manual, refer to product packaging or manufacturer's website).
3. **Adjust Tube Length:** If a plastic tube is provided for ceiling thickness adjustment, measure your ceiling thickness and cut the tube to the appropriate length.
4. **Position the Ventilator:** Place the ventilator unit into the prepared opening. Ensure it sits flush with the roof surface.
5. **Secure the Unit:** Use the provided 5 mounting screws to securely fasten the ventilator to the roof. Apply appropriate sealant around the base to prevent water ingress.
6. **Electrical Connection:** Connect the ventilator to a 12V DC power source. Ensure correct polarity (positive to positive, negative to negative). It uses a 5.5mm inner diameter, 2.1mm outer diameter coaxial power connector.
7. **Install Air Outlet:** Attach the air outlet component from the inside of the RV, ensuring it aligns with the ventilator unit.



Image 4.1: Side view illustrating the internal tube for adjustable height.

5. Operating Instructions

The EVGATSAUTO RV Roof Ventilator features simple operation via a push-button control with electronic touch controls.

Operating the Ventilator:

1. **Power On/Off:** Press the push-button switch located on the unit to turn the ventilator on or off.
2. **Fan Speed:** The fan operates at a single speed of 5000 RPM. There are no adjustable speed settings.
3. **Light Function (if applicable):** Some models may offer two operating modes: ventilation only, or ventilation with an integrated light. If your model includes a light, the push-button may cycle through these modes. *Note: Some product descriptions may mention an LED, but actual presence can vary.*



Image 5.1: Top view of the ventilator, highlighting the push-button control switch.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your RV roof ventilator.

Maintenance Tips:

- **Cleaning:** Periodically clean the exterior of the ventilator with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Inspect for Debris:** Regularly check the fan blades and air outlet for any accumulated dust, leaves, or other debris that could obstruct airflow or cause imbalance.
- **Sealant Inspection:** Annually inspect the sealant around the roof mounting area for cracks or deterioration. Reapply sealant as needed to prevent water leaks.
- **Electrical Connections:** Occasionally check electrical connections for tightness and corrosion.

7. Troubleshooting

Refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
Fan does not turn on	No power, loose wiring, faulty switch	Check 12V DC power supply. Verify all electrical connections are secure. Inspect the switch for damage.
Fan is excessively noisy	Loose mounting, obstructed blades, motor issue	Ensure the unit is securely mounted. Clear any debris from the fan blades. If noise persists, contact support.
Poor airflow	Blocked air outlet/inlet, fan motor issue	Check for obstructions in the air path. Clean the fan blades and outlet.
LED light not working (if applicable)	No LED present, electrical fault, faulty LED	Confirm your specific model includes an LED. Check electrical connections. If confirmed present and not working, contact support.

8. Specifications

Feature	Specification
Brand	EVGATSAUTO
Model Name	EVGATSAUTOub7mz56kwv
Voltage	12 Volts DC
Speed	5000 RPM
Wattage	1.57 Watts

Feature	Specification
Airflow Capacity	200 Cubic Feet Per Minute (CFM)
Material	Acrylonitrile Butadiene Styrene (ABS)
Blade Material	Plastic
Color	White
Mounting Type	Top Mount
Controller Type	Button Control / Electronic Touch Controls
Special Features	Waterproof
Connector Type	5.5mm inner diameter, 2.1mm outer diameter coaxial power connector

9. Warranty and Support

This EVGATSAUTO RV Roof Ventilator comes with a standard manufacturer's warranty. Please refer to your purchase documentation or the seller's policy for specific warranty terms and duration.

Customer Support:

For technical assistance, warranty claims, or any questions regarding your product, please contact the seller or EVGATSAUTO customer service through the platform where the purchase was made. Provide your model number (EVGATSAUTOub7mz56kwv) and purchase details for faster service.

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