

[Manuals.plus](#) /

› [Camco](#) /

› Camco RV Skylight Vent Fan Plus (Model 40460) Instruction Manual

Camco 40460

Camco RV Skylight Vent Fan Plus (Model 40460) Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Camco RV Skylight Vent Fan Plus, Model 40460. Designed for RVs, travel trailers, and motorhomes, this 12V ventilation system enhances airflow, reduces heat buildup, and eliminates odors, ensuring a fresh and comfortable environment. It features reversible intake and exhaust modes, a wireless remote, and a smart thermostat for optimal control.



Image 1.1: Exterior view of the Camco RV Skylight Vent Fan Plus.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Always disconnect the 12V DC power supply before performing any installation, maintenance, or troubleshooting. Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- **Installation:** Installation should be performed by a qualified individual. Ensure the mounting surface is structurally sound and capable of supporting the unit's weight. Proper sealing is critical to prevent water intrusion.
- **Ventilation:** Ensure the fan operates in a well-ventilated area. Do not block the intake or exhaust openings.
- **Children and Pets:** Keep children and pets away from the fan during operation.
- **Operating Voltage:** This unit is designed for 12V DC power systems only. Do not connect to other voltage sources.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Roof Vent Fan Assembly
- Interior Assembly
- Hardware Pack (screws, connectors)
- Removable/Reusable Air Intake Filter
- Wireless Remote Control
- Instruction Manual

4. SETUP AND INSTALLATION

The Camco RV Skylight Vent Fan Plus is designed to fit standard 14" x 14" RV roof vent openings. Follow these general steps for installation:

1. **Preparation:** Disconnect all power to the RV. Carefully remove any existing vent fan or cover. Clean the roof surface around the opening thoroughly.
2. **Roof Thickness:** Ensure your RV roof is between 2 inches and 6.5 inches thick. Adjustments may be needed for roofs outside this range.
3. **Positioning:** Position the roof assembly over the 14" x 14" opening. Ensure the front of the unit faces the front of the RV. Clear obstructions around the vent opening according to the dimensions shown in Image 4.1.
4. **Sealing:** Apply a suitable RV-grade sealant (e.g., self-leveling sealant for the roof, non-sag sealant for vertical surfaces) around the base of the roof assembly to create a watertight seal. Pay close attention to any drain channels or gaps to prevent water intrusion.
5. **Mounting:** Secure the roof assembly to the RV roof using appropriate fasteners from the hardware pack. It is recommended to use high-quality, corrosion-resistant screws suitable for RV applications.
6. **Wiring:** Connect the fan's 12V DC wiring to your RV's electrical system, ensuring correct polarity (positive to positive, negative to negative). Use appropriate wire connectors and secure all wiring.
7. **Interior Assembly:** Install the interior trim piece and assembly from inside the RV, securing it to the roof assembly.
8. **Final Check:** Reconnect power and test the fan's operation. Check for any leaks after installation, especially after rain.



Installation Requirements:

- The Vent Fan is designed for roofs 2" to 6 1/2" thick (from roof to ceiling)
- Ensure roof is free of obstructions around the vent opening according to the dimensions show above

Image 4.1: Installation diagram with vent opening and surrounding area dimensions.



The Most Innovative RV Ventilation System Ever

- Unobstructed natural light
- Powerful cross-flow impeller vent fan
- Customizable LED lighting

Dimensions

Outside: 35 1/4" x 24 3/4" x 9 1/4"

Inside: 19 3/8" x 16 3/4" x 2"



Image 4.2: The RV Skylight Vent Fan Plus installed on an RV roof, showing overall dimensions.

5. OPERATING INSTRUCTIONS

Your Camco RV Skylight Vent Fan Plus offers multiple control options and features for customized ventilation.

5.1 Control Options

The fan can be controlled via the integrated touchpad on the unit, the wireless remote control, or a compatible mobile application.

Multiple Control Options



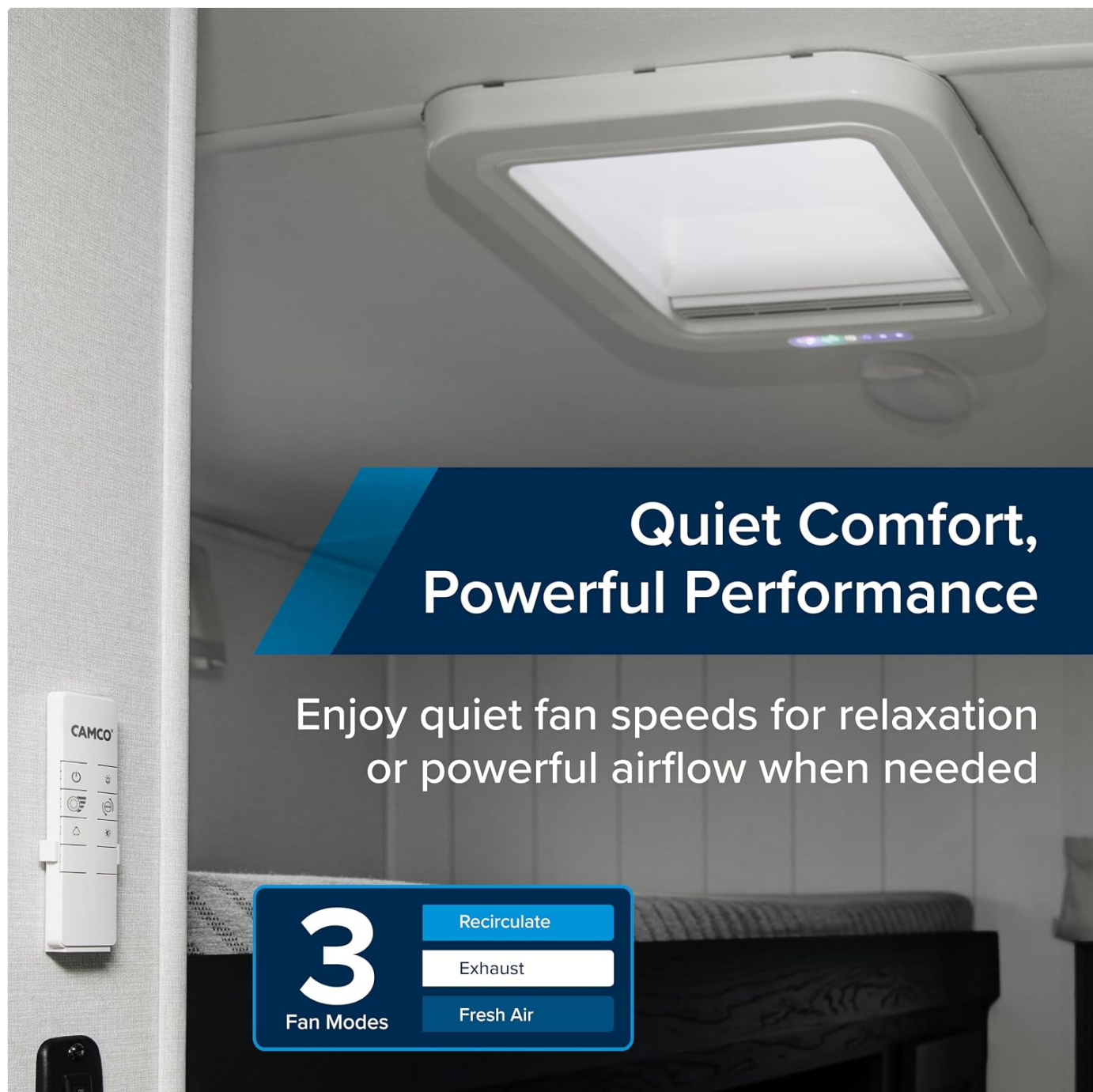
Image 5.1: Multiple control options including wireless remote and mobile app.

5.2 Fan Modes and Speed

The fan features four speed settings and reversible airflow modes:

- **Exhaust Mode:** Pulls stale, hot air out of the RV.
- **Intake (Fresh Air) Mode:** Draws fresh air into the RV.
- **Recirculate Mode:** Circulates air within the RV without drawing from outside or exhausting.

Adjust fan speed using the dedicated buttons on the remote or touchpad.



Quiet Comfort, Powerful Performance

Enjoy quiet fan speeds for relaxation
or powerful airflow when needed

3

Fan Modes

Recirculate

Exhaust

Fresh Air

Image 5.2: Interior view showing fan modes: Recirculate, Exhaust, and Fresh Air.

5.3 Smart Thermostat

The integrated smart thermostat can automatically activate the fan. By default, the fan may auto-start in exhaust mode at 78°F (adjustable via the app). To exit or disable thermostat mode if the fan is operating unexpectedly, press and hold the power button on the fan unit for approximately 5-8 seconds.

Oscillating Vent & Smart Thermostat

Fan auto starts in exhaust mode at 78°F (app adjustable)



Powerful Cross Flow Impeller Vent Fan



Thermostat Controlled



Image 5.3: Oscillating vent and smart thermostat features.

5.4 Oscillating Vent

Activate the oscillating feature to distribute airflow more broadly throughout your RV. Use the dedicated button on the remote or touchpad to toggle oscillation.

5.5 Customizable LED Lighting

The fan includes customizable LED lighting. Adjust brightness and color to suit your preference using the remote or touchpad controls.

Customizable LED Lighting

Set the perfect vibe with adjustable brightness and color to match your mood or activity



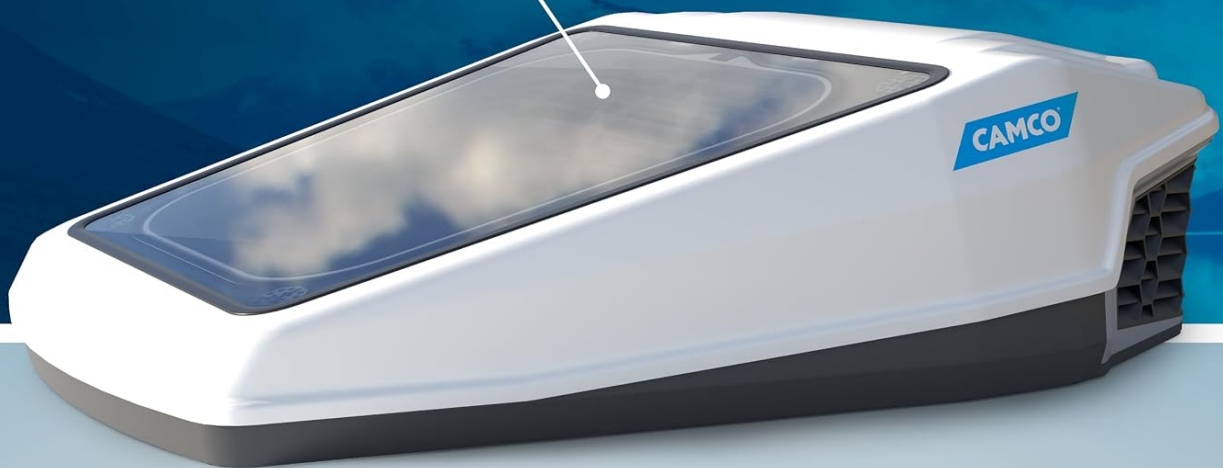
Image 5.4: Customizable LED lighting controls.

5.6 Natural Light Skylight

The clear, tinted skylight allows natural light into your RV, even when the fan is not in use.



**Unobstructed
Natural Light**



Brighten your RV's interior with natural light & enjoy fresh air through a clear, tinted skylight

Image 5.5: Clear, tinted skylight for natural light.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your RV Skylight Vent Fan Plus.

- **Filter Cleaning:** The fan includes a removable and reusable air intake filter. Periodically remove the filter, clean it with mild soap and water, rinse thoroughly, and allow it to dry completely before reinserting.
- **Exterior Cleaning:** Clean the exterior housing with a mild, non-abrasive cleaner and a soft cloth. Avoid harsh chemicals that could damage the plastic or seals.
- **Interior Cleaning:** Gently wipe down the interior surfaces and fan blades with a damp cloth. Ensure no moisture enters electrical components.
- **Seal Inspection:** Regularly inspect the sealant around the roof assembly for cracks or deterioration. Reapply sealant as needed to maintain a watertight seal.

7. TROUBLESHOOTING

If you encounter issues with your Camco RV Skylight Vent Fan Plus, refer to the following common problems and solutions:

- **Fan Not Responding or Stuck on Full Speed:** This often indicates the unit is in thermostat mode. Press and hold the power button on the fan unit for approximately 5-8 seconds to exit thermostat mode.
- **Remote Control Not Working:** Check the batteries in the remote control and replace if necessary. Ensure there is a clear line of sight between the remote and the fan's receiver.
- **Water Leaks:** Inspect the sealant around the roof assembly. Cracks or gaps in the sealant can lead to leaks. Reapply RV-grade sealant as needed.
- **Noise During Highway Travel (Internal Flap):** Some users have reported an internal flap opening and closing repeatedly at highway speeds. This may be a design characteristic. If persistent and disruptive, contact Camco customer support for potential solutions or adjustments.
- **No Power to Fan:** Verify that the RV's 12V DC power supply is active and that all wiring connections to the fan are secure and correctly polarized. Check any inline fuses.

8. SPECIFICATIONS

Feature	Specification
Brand	Camco
Model Number	40460
Power Source	12V DC
Wattage	100 watts
Product Dimensions (D x W x H)	35.25" x 24.75" x 9.25"
Vent Opening Size	Fits standard 14" x 14"
Roof Thickness Compatibility	2" to 6.5"
Number of Speeds	4
Control Method	Remote, Touchpad, App
Special Features	LED Light, Oscillating, Quiet Operation, Remote Controlled, Smart Thermostat, Reversible Airflow
Material	Plastic
Item Weight	35 Pounds

9. WARRANTY AND SUPPORT

Your Camco RV Skylight Vent Fan Plus is covered by a manufacturer's warranty. Please refer to the warranty information provided with your purchase for specific terms and conditions.

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Camco customer service directly. Contact information can typically be found on the Camco website or on your product packaging.

Camco Customer Service: Refer to your product packaging or visit the official Camco website for current contact details.

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

Open the live page

<https://manuals.plus/asin/B0GVKRM66N>

More documents and user manuals: <https://manuals.plus/>