

RV Roof Vent Fan with Remote Control

Thank you for purchasing the **RV Roof Vent Fan with Remote Control**. This User Guide is intended to provide you with guidelines to ensure that operation of this product is safe and does not pose risk to the user. Any use that does not conform to the guidelines described in this User Guide may void the limited warranty.

Please read all directions before using the product and retain this guide for reference. This product is intended for household use only. It is not intended for commercial use.

This product is covered by a limited one-year warranty. Coverage is subject to limits and exclusions. See warranty for details.

Safety Precautions

WARNING! Please read and understand all safety precautions, installation instructions, and operating instructions before operating this appliance. Failure to properly follow the guidelines established here could result in severe injury, fire or even death. Keep this manual for future reference.

- **FALL HAZARD:** Vent fans are normally located on the roof of an RV. It is inherently dangerous to climb onto the roof of an RV to perform installation, maintenance, or repairs on a vent fan. Take appropriate precautions when climbing onto the roof of an RV or when working on the roof of an RV. Failure to do so could result in a fall, causing serious injury or death.
- Keep appliance away from children. Never let children operate the unit.
- Do not modify or alter this appliance.
- Ensure appliance is disconnected from power supply before performing the installation process. Failure to do so could result in severe injury.
- Do not leave the vent fan sunroof open and unattended for extended periods of time, or under unusual weather conditions that may result in leakage and serious damage.
- Do not use this product in harsh weather conditions.
- Do not wear or hold loose clothes, fabric, jewelry, or other materials near vent fan.

Package Contents

RV roof vent fan

Remote control

User guide

Product Overview

[Insert image of product layout here]

Recommended Tools:

- Measuring tape
- Philips screwdriver
- Waterproof sealant

- Pencil
- Drill

Installation Instructions

NOTE: Make sure appliance is disconnected from power supply before starting the installation process.

1. RV Roof Vent Fan requires a 14" by 14" roof opening. Place the mounting flange into the roof opening and trace the outline of the mounting flange with a pencil.

NOTE: If replacing a vent fan, make sure when removing old vent fan to remove all old sealant. Clean the surrounding roof opening of any sealant or other debris. Check roof opening for any damages or leaks before continuing new installation.

2. Apply compatible sealant or caulking under the mounting flange within the area outlined in pencil. Make sure you apply slowly and carefully to avoid gaps and holes in the sealing.
3. Fasten mounting flange to the roof with provided screws. Make sure fan sunroof opening faces the rear of the RV.
4. Apply additional sealant over the screws and around the mounting flange to ensure mounting flange secure and stable.
5. Using the electrical wiring provided, connect the fan's power wires to the RV's 12 V power supply.

NOTE: Red wire must be connected to the vehicle's positive terminal while the black wire is connected to the negative terminal. The blue wire connects to the brake control system of the vehicle. This feature ensures that when the parking brake is engaged, the fan sunroof remains open and functions normally, but when the parking brake is released, the fan sunroof will automatically close.

6. Place interior garnish over fan from inside of the RV. Install the interior garnish in place with provided screws.

NOTE: If your roof is thinner or the length of the interior garnish is too long. The garnish can be trimmed down to fit in your roof opening.

Operating Instructions

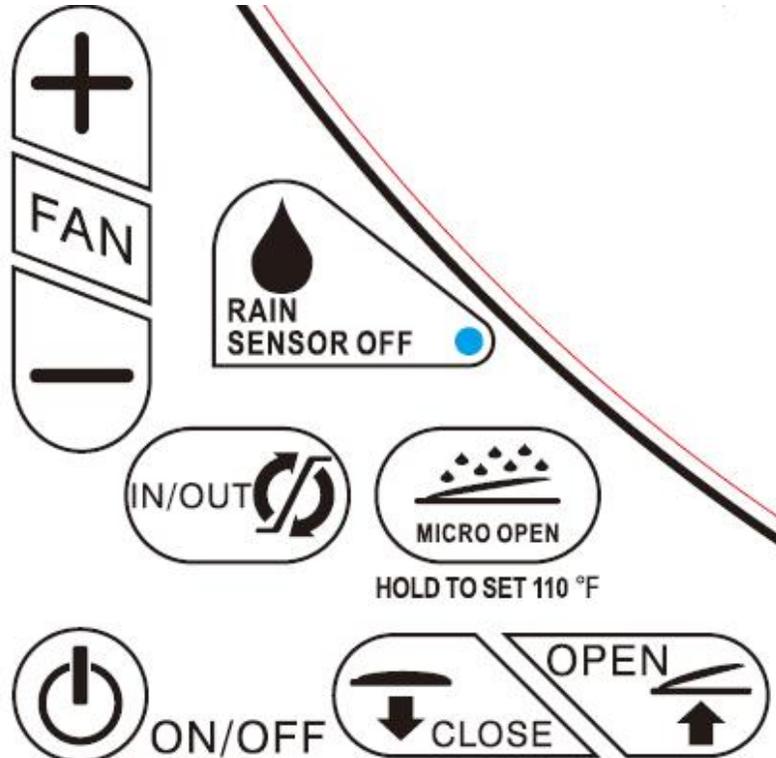
Remote Control Functions

- POWER – Press to turn the fan ON and OFF.
- RAIN SENSOR OFF – Turns off rain sensor. Press the button for three (3) seconds to enable or disable automatic closure of fan sunroof when raining. A beep sound indicates feature is enabled.
- OPEN – Opens fan sunroof.

- MICRO OPEN – Keeps fan sunroof still in a slightly open position. Press the button for three (3) seconds to enable or disable the automatic flow of air going out at high temperatures. A beep sound indicates feature is enabled.
- CLOSE – Closes fan sunroof.
- PLUS – Increases fan speed or temperature.
- MINUS – Decreases fan speed or temperature.
- IN/OUT – Changes the direction the fan blades spin and flow of air.
- TEMP ON – Resets temperature to 110°F or temperature that has been set.
- TEMP OFF – Exits out of temperature setting and saves new set temperature.

Fan Control Panel Functions

- ON/OFF – Turns the fan on or off.
- IN/OUT - Changes the direction of the fan’s airflow. The fan will slow down and pause for two (2) seconds before resuming operation in the opposite direction.
- OPEN – Opens fan sunroof.
- CLOSE – Closes fan sunroof.
- MICRO OPEN - Keeps cover still in a slightly open position. Hold this button in order to reset temperature back to 110°F.
- PLUS – Increases fan speed.
- MINUS – Decreases fan speed.
- RAIN SENSOR OFF – Indicates when rain sensor is on or off. If light is on, Rain Sensor is off. If light is off, Rain Sensor is on.



Temperature Control Functions

If the current temperature is higher than the set temperature, the fan sunroof will automatically open and the air will flow out. If the current temperature is lower than the set temperature, the fan sunroof will automatically close. The temperature can be adjusted between a range of 79° F - 122° F (26° C – 50° C). When the temperature is adjusted to the lowest or highest setting, a buzzer sound will go off.

This section gives greater detail on how to operate temperature controls:

- Press TEMP ON to reset temperature to 110° F (43° C). A buzzer will sound when you do this.
- To change the temperature, press the PLUS button to increase temperature by one (1°) degree. Press the MINUS button to decrease temperature by one (1°) degree. If no buttons are pressed within five (5) seconds, a buzzer will sound off, the fan will automatically exit out of temperature control setup, and maintain the current set temperature.
- Press TEMP OFF to exit out of the temperature setting and confirm the current temperature as the set temperature. A buzzing sound will go off after TEMP OFF is pressed.
- Disconnecting the fan from the power will turn off temperature control and reset the set temperature back to 110° F (43° C).
- Temperature control setup can only be done on the remote control. The buttons on fan control panel can not be used to set the temperature.

Automatic Functions

- Fan sunroof will automatically close when rain is detected. To turn off this feature and open fan sunroof once again, press the RAIN SENSOR OFF button on the remote control.
- When RV is parked, vent fan will automatically blow air out when the internal temperature is above 122° F (50° C) and it will stop when the temperature goes below 113° F (45° C).
- Fan sunroof will automatically close when the parking brake is released.

Care/Maintenance

1. Turn off fan and disconnect wiring from RV power supply before inspecting and cleaning fan.
2. Place a good amount of denatured or rubbing alcohol on a clean rag and wipe down the underside of the fan sunroof.
3. Hold down fan blades in order to remove screw located at the center of the fan blade. Once the fan blades are removed, use soap and warm water to clean them.
4. Screw fan blades back onto foundation once it is clean and dry.
5. Reconnect wires when the maintenance and cleaning process is finished.

Specifications

Dimensions: 14" x 14" (360 x 360 mm)

Gross Weight: 12.8 lbs. (5.8 kg)

Rated Power: 5 – 40 W

Rated Voltage: 12 V DC

Exhaust Flow Rate: 10 – 15 m³/min