Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

VEVOR HQS-36AY

VEVOR RV Roof Vent Fan HQS-36AY User Manual

Model: HQS-36AY | Brand: VEVOR

Introduction

This manual provides essential information for the safe and efficient operation of your VEVOR RV Roof Vent Fan, Model HQS-36AY. Please read all instructions carefully before installation and use. Retain this manual for future reference.

Safety Instructions

- Ensure the power supply is disconnected before installation, maintenance, or cleaning to prevent electric shock.
- Installation should be performed by a qualified professional if you are not experienced with RV electrical systems and roof modifications.
- Verify that the power supply voltage matches the fan's requirements (12V DC).
- Do not insert fingers or objects into the fan blades while the fan is operating.
- Keep the area around the fan clear of obstructions to ensure proper airflow.
- Regularly inspect the fan and wiring for any signs of damage. Do not operate if damaged.

Components List

Component	Quantity
RV Vent Fan	1
Remote Control	1
Screw Package	1

Setup

The VEVOR RV Roof Vent Fan is designed for installation in standard 14 x 14 inch roof openings. Proper sealing and wiring are crucial for optimal performance and to prevent leaks.

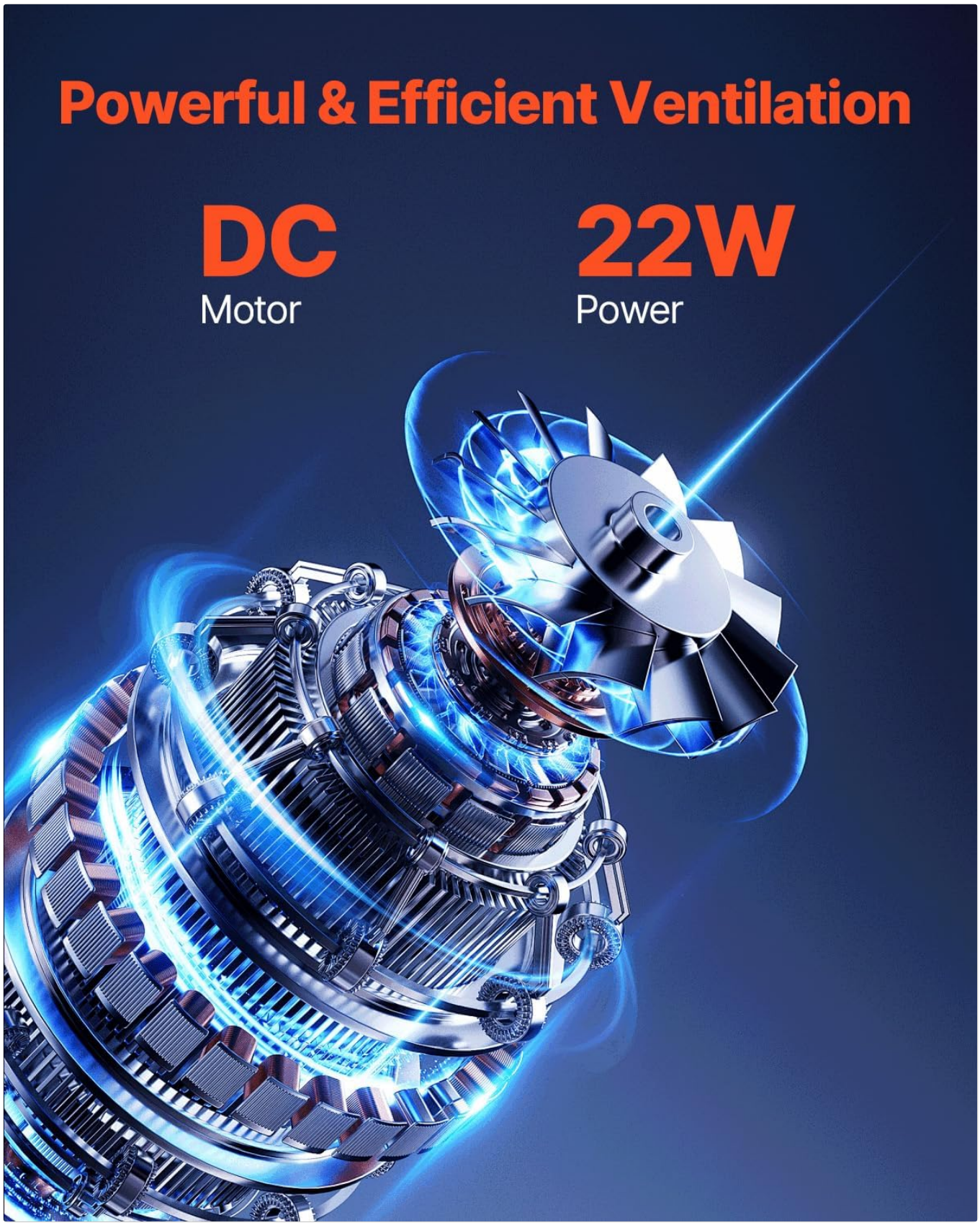

Figure 1: Top view of the VEVOR RV Roof Vent Fan, showing the exterior lid and overall design.

Installation Steps:

1. **Prepare the Opening:** Ensure your RV roof opening measures 14 x 14 inches. Clean the area thoroughly, removing any old sealant or debris.
2. **Apply Sealant:** Apply a suitable RV-grade sealant (not included) around the perimeter of the roof opening to create a watertight seal.
3. **Position the Fan:** Carefully place the fan assembly into the roof opening, ensuring it is centered and flush with

the roof surface.

4. **Secure the Fan:** Use the provided screws from the screw package to secure the fan to the roof. Tighten securely but do not overtighten.
5. **Interior Trim Installation:** From inside the RV, install the interior trim piece, aligning it with the fan assembly.
6. **Wiring:** Connect the fan's 12V DC wires to your RV's electrical system. Ensure correct polarity (red to positive, black to negative). It is recommended to connect to a fused circuit.
7. **Final Seal:** Apply additional sealant around the exterior edges of the fan base and over all screw heads to ensure a complete watertight seal.



Figure 2: Product dimensions for the VEVOR RV Roof Vent Fan, indicating a 14x14 inch opening size and overall unit measurements.

Operating Instructions

Your VEVOR RV Roof Vent Fan offers multiple control options and features for optimal ventilation.

Control Panel Operation:



Figure 3: Close-up of the fan's internal control panel, showing buttons for power, speed, and direction.

- **Power On/Off:** Press the power button to turn the fan on or off.
- **Adjust Fan Speed:** Use the speed control buttons to cycle through 10 adjustable fan speeds.
- **Reversible Airflow:** The fan features a reversible DC motor, allowing it to function as both an intake and exhaust fan. Use the direction control to switch between drawing fresh air in or expelling stale air out.
- **Lid Control:** The electric lid can be opened or closed using the dedicated buttons on the control panel.
- **Rain Sensor:** Activate or deactivate the automatic rain sensor via the control panel. When active, the lid will automatically close upon detecting rain.

Remote Control Operation:

The included wireless remote control allows convenient operation from a distance of over 32 feet.



Figure 4: The VEVOR RV Roof Vent Fan shown with its wireless remote control, illustrating remote operation.

- All functions available on the control panel (power, speed, direction, lid control, rain sensor) can be operated using the remote control.
- Ensure the remote control has fresh batteries and is pointed towards the fan for optimal signal reception.

Reversible Airflow Feature:



Figure 5: Diagram illustrating the reversible airflow capability of the VEVOR RV Roof Vent Fan, showing both intake and exhaust modes.

The fan's reversible function allows you to either draw fresh air into your RV or exhaust stale air out, providing flexible ventilation options depending on your needs.

Automatic Rain Sensor:



Figure 6: The VEVOR RV Roof Vent Fan's lid automatically closing due to the rain sensor, protecting the interior from moisture.

When the rain sensor is active, the fan lid will automatically close if it detects moisture, preventing water from entering your RV. The lid will reopen once the rain stops and the sensor dries.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your RV vent fan.

- **Cleaning the Protective Mesh:** The fan is equipped with a stainless steel protective mesh to prevent debris and

insects from entering. This mesh is removable for easy cleaning.

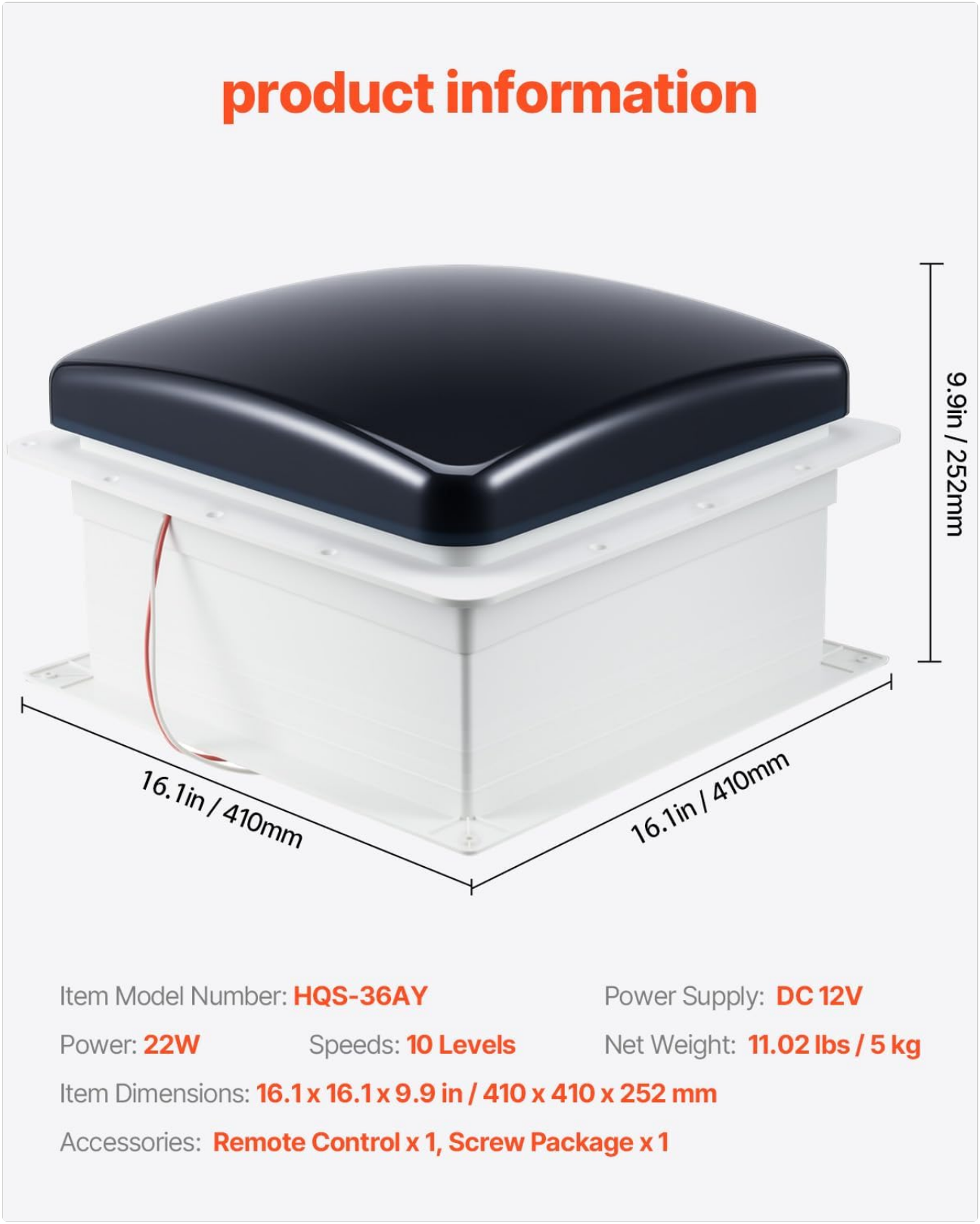

Figure 7: The stainless steel protective mesh of the VEVOR RV Roof Vent Fan, designed for durability and easy removal for cleaning.

To clean, gently unclip or unscrew the mesh, wash with mild soap and water, rinse thoroughly, and allow to dry completely before reattaching.

- **Exterior Cleaning:** Periodically clean the exterior lid and housing with a soft cloth and mild, non-abrasive cleaner. Avoid harsh chemicals that could damage the plastic.
- **Inspect Seals:** Regularly check the sealant around the fan's base on the roof for cracks or deterioration. Reapply sealant as needed to maintain a watertight seal.
- **Check Wiring:** Ensure all electrical connections are secure and free from corrosion.

Troubleshooting

Problem	Possible Cause	Solution
Fan does not turn on.	No power, loose wiring, blown fuse.	Check power supply, inspect wiring connections, replace fuse if necessary.
Lid does not open/close.	Motor issue, obstruction, rain sensor active.	Check for obstructions, ensure rain sensor is not active if you want to open manually, contact support if motor is faulty.
Fan is unusually noisy.	Debris in fan blades, loose mounting.	Turn off power, remove debris, check mounting screws for tightness.
Poor airflow.	Blocked vents, low fan speed setting.	Clear any obstructions, increase fan speed.

Specifications

Feature	Detail
Model Number	HQS-36AY
Power Supply	DC 12V
Wattage	22W
Number of Speeds	10
Airflow Direction	Reversible (Intake/Exhaust)
Control Method	Remote Control, Manual Buttons
Special Features	Electric Power Top Lid, Automatic Rain Sensor, Stainless Steel Protective Mesh
Fits Roof Openings	14 x 14 inches
Product Dimensions (D x W x H)	40.9D x 40.9W x 25.1H Centimetres (16.1 x 16.1 x 9.9 inches)
Item Weight	11.02 Pounds (5 kg)
Material	Stainless Steel (mesh)

Warranty Information

For detailed warranty information, please refer to the warranty card included with your product or visit the official VEVOR website. Keep your purchase receipt as proof of purchase for any warranty claims.

Support

If you encounter any issues or have questions regarding your VEVOR RV Roof Vent Fan, please contact VEVOR customer support through their official website or the contact information provided in your product packaging.

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/B0DZCCR4MT

More documents and user manuals: **https://manuals.plus/**