Fan-Tastic Vent 801250

Fan-Tastic Vent 801250 1250 Series Vent User Manual

Model: 801250

Introduction

The Fan-Tastic Vent 801250 1250 Series Vent is designed to provide efficient ventilation for recreational vehicles (RVs) and similar applications. This manual provides essential information for the proper installation, operation, and maintenance of your vent, ensuring optimal performance and longevity.



Image: The Fan-Tastic Vent 801250 1250 Series Vent shown in its closed position, featuring a white exterior and a dark, translucent dome.

Safety Guidelines

- Always disconnect power before attempting any installation, maintenance, or repair procedures.
- Ensure proper wiring according to all local electrical codes and manufacturer instructions. Incorrect wiring can lead to electrical shock or fire.
- Use appropriate sealants and follow recommended sealing procedures to ensure a watertight installation and prevent leaks.
- Keep hands, loose clothing, and other objects clear of the fan blades during operation to prevent injury.
- This product is designed for 12V DC power systems only. Do not connect to other voltage sources.

Package Contents

The Fan-Tastic Vent 801250 1250 Series Vent package typically includes:

- 1x Fan-Tastic Vent 801250 1250 Series Vent - White

Additional mounting hardware, wiring, and sealants may be required for installation and are sold separately.

Product Specifications

Feature	Specification
Brand	Fan-Tastic Vent
Model Name	801250
Color	White
Electric Fan Design	Exhaust Fan
Power Source	12 Volts DC (Manual dome lift)
Product Dimensions	16.5"D x 16.5"W x 9.49"H
Opening Size	Fits standard 14" x 14" openings
Wattage	6 watts
Number of Blades	10
Number of Power Levels	3 (Fan speeds)
Control Method	Manual controls for speed and direction, manual dome lift
Special Features	Reversible air flow, Quiet operation, Manual lift dome

Installation

The Fan-Tastic Vent 801250 is designed to fit standard 14" x 14" roof openings. Installation typically involves the following general steps:

1. **Preparation:** Carefully remove any existing vent or prepare a new 14" x 14" opening in the RV roof. Ensure the area is clean, dry, and free of debris.
2. **Mounting:** Position the vent assembly into the opening. Secure the vent to the roof using appropriate fasteners.
3. **Sealing:** Apply a high-quality, UV-resistant roof sealant around the perimeter of the vent flange to create a watertight seal. Ensure all screw heads are also sealed.
4. **Wiring:** Connect the vent's 12V DC wiring to a suitable 12V DC power source within the RV. Observe correct polarity (positive to positive, negative to negative).
5. **Interior Trim:** Install the interior trim piece, ensuring it fits snugly against the ceiling.

Professional installation is recommended if you are unfamiliar with RV electrical systems or roof modifications to ensure safety and proper sealing.



Image: The Fan-Tastic Vent 801250 with its dark, translucent dome manually lifted, revealing the fan blades and internal components.

Operating Instructions

The Fan-Tastic Vent 801250 features simple manual controls for dome lift, fan speed, and airflow direction.



Image: A top-down view of the Fan-Tastic Vent's interior, showing the fan blades, mesh screen, speed control dial, and airflow direction switch.

Dome Lift

To open the vent dome, locate the manual crank knob on the interior trim. Rotate the knob clockwise to raise the dome and counter-clockwise to lower and close it. Ensure the dome is fully closed when the vent is not in use or during travel and rain.

Fan Speed Control

The fan offers three distinct blade speeds for varying airflow requirements.



Image: A close-up of the fan speed control dial, marked with '0' for off and '1', '2', '3' for increasing fan speeds.

- **Off (0):** The fan is not operating.
- **Low (1):** Provides gentle air circulation.
- **Medium (2):** Offers moderate airflow.
- **High (3):** Delivers maximum airflow for rapid ventilation.

Rotate the rotary dial to select your desired fan speed.

Airflow Direction

The vent features a reversible airflow switch, allowing you to either exhaust air out of the RV or draw fresh air in.



Image: A close-up of the rocker switch for controlling airflow direction, with arrows indicating 'in' and 'out' airflow.

- **Exhaust:** Position the switch to draw stale air out of the RV.
- **Intake:** Position the switch to pull fresh air into the RV.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your Fan-Tastic Vent.

- **Cleaning Fan Blades and Screen:** Periodically clean the fan blades and the interior mesh screen to remove accumulated dust, dirt, and debris. Ensure the fan is off and power is disconnected before cleaning. Use a soft cloth and a mild, non-abrasive detergent.
- **Dome and Seal Inspection:** Annually inspect the vent dome and its rubber seal for any signs of wear, cracking, or damage. Check the roof sealant around the vent flange for cracks or gaps. Reapply appropriate RV roof sealant as necessary to prevent water leaks.
- **Electrical Connections:** Periodically inspect all electrical connections for corrosion or loose wiring. Ensure

connections are secure and free from moisture.

Troubleshooting

Refer to the following common issues and solutions before contacting customer support.

- **Fan Not Operating:**
  - Verify that the RV's 12V DC power supply is active.
  - Ensure the vent dome is sufficiently open for the fan to activate.
  - Check that the fan speed dial is set to a speed other than '0'.
  - Inspect wiring connections for looseness or corrosion.
- **Excessive Noise During Operation:**
  - Inspect the fan blades for any obstructions or damage.
  - Ensure the fan assembly is securely mounted and all fasteners are tight.
  - If a persistent motor whine or unusual noise is present, contact Fan-Tastic Vent (Dometic) customer support for assistance, as a replacement motor may be required.
- **Water Leaks Around Vent:**
  - Ensure the vent dome is fully closed when not in use or during rain.
  - Inspect the roof sealant around the vent for any cracks, gaps, or deterioration. Reapply sealant as needed.
  - Check the dome seal for damage or proper seating.

Customer Support

For technical assistance, replacement parts, or warranty inquiries regarding your Fan-Tastic Vent 801250 1250 Series Vent, please contact Fan-Tastic Vent customer support. Fan-Tastic Vent is a brand of Dometic. Refer to the official Dometic website or your product documentation for the most current contact information and warranty details.

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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

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you@example.com

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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