

[Manuals.plus](#) /

› [Fiamma](#) /

› Fiamma Turbo Vent 03623H01B Premium Crystal Roof Vent User Manual

Fiamma 03623H01B

Fiamma Turbo Vent 03623H01B Premium Crystal Roof Vent User Manual

Model: 03623H01B

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Fiamma Turbo Vent 03623H01B Premium Crystal roof vent. Designed for RVs and caravans, this 12V vent features a 10-blade fan with electronic speed control, reverse rotation capability, and an automatic thermostat to ensure optimal air circulation. Constructed from high-quality, UV-stabilized, and impact-resistant materials, it offers quiet operation and efficient air exchange.

Please read this manual thoroughly before installation and use to ensure safe and correct operation.

SETUP & INSTALLATION

The Fiamma Turbo Vent 03623H01B is designed for universal mounting and can replace existing roof vents with opening dimensions ranging from 36 x 36 cm to 42 x 42 cm, thanks to its reinforced wide frame. Installation can typically be completed in minutes.

Roof Thickness Requirements:

- Minimum roof thickness: 3 cm
- Maximum roof thickness: 8.5 cm (requires optional extension kit)

General Installation Notes:

1. Ensure the mounting surface is clean, dry, and free from debris.
2. Carefully measure the existing roof opening to confirm compatibility.
3. Apply appropriate sealant around the vent frame to prevent water ingress.
4. Connect the 12V DC power supply according to the wiring diagram (not provided in this document, refer to product packaging or manufacturer's specific wiring guide).
5. Secure the vent using the provided fasteners, ensuring a tight and secure fit.



Image: The Fiamma Turbo Vent 03623H01B Premium Crystal roof vent shown installed on a vehicle roof, demonstrating its low-profile design.

OPERATING INSTRUCTIONS

The Fiamma Turbo Vent offers intuitive controls for managing air circulation within your vehicle.

Manual Opening and Closing:

The vent cover can be opened and closed manually using the central rod mechanism. This robust design ensures stability when the cover is open.



Image: A user manually opening the vent cover using the central rod, illustrating the ease of access.

Electronic Control Panel:

The vent is equipped with a 12V motor controlled by an electronic variator and a 10-blade fan. The control panel allows for speed adjustment, direction reversal, and automatic thermostat activation.

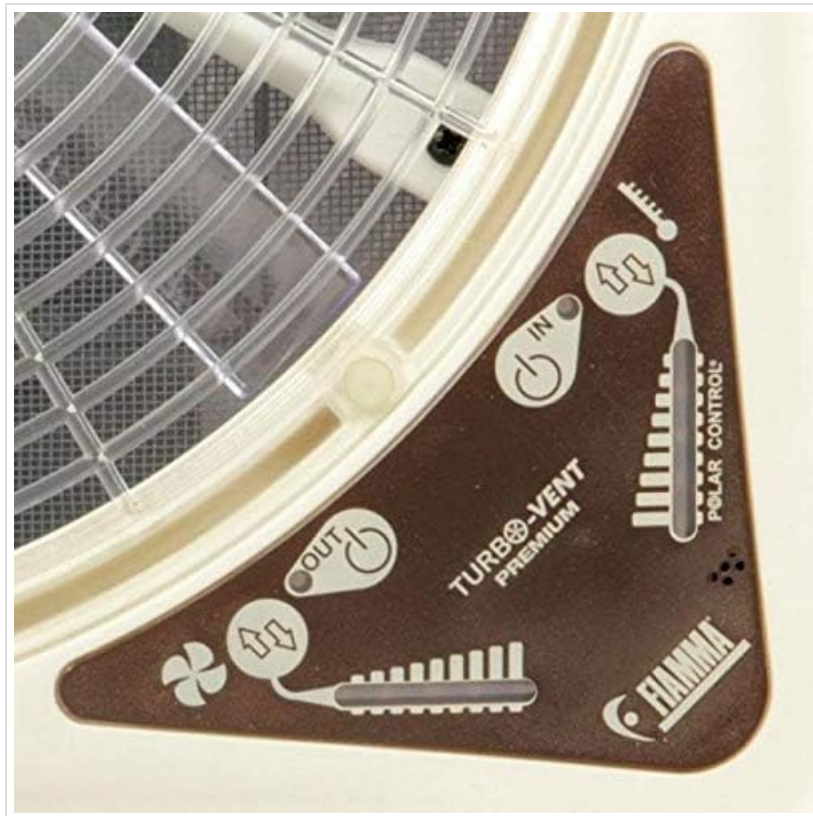


Image: A detailed view of the control panel, showing buttons for fan direction (IN/OUT), power, and a slider for speed control, labeled "POLAR CONTROL".

- **Power On/Off:** Use the designated power button to turn the fan on or off.

- **Speed Control:** Adjust the fan speed using the electronic variator slider. This allows for precise control over airflow, from quiet minimum to high-speed extraction.
- **Direction Reversal:** The electronic circuit enables quick reversal of the fan's rotation direction. This means you can switch between extracting stale air (OUT) and drawing in fresh air (IN) with ease.
- **Automatic Thermostat (Polar Control):** Activate the automatic thermostat function to maintain a desired temperature. The fan will automatically adjust its operation based on the set temperature.



Image: A user's hand adjusting the controls on the Fiamma Turbo Vent, demonstrating interaction with the speed and direction settings. The powerful 12V DC motor and large 10-blade fan ensure rapid extraction of stale or stagnant air and quick intake of fresh, clean air.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Fiamma Turbo Vent.

- **Cleaning the Mosquito Net:** The exterior mosquito net prevents leaves and insects from entering your vehicle. Periodically inspect and clean the net to ensure unobstructed airflow. Use a soft brush or damp cloth.
- **Cleaning the Interior Grille:** The robust and transparent interior grille can be wiped clean with a damp cloth to maintain clarity and light transmission.
- **Exterior Cleaning:** Clean the exterior cover with mild soap and water. Avoid abrasive cleaners or solvents that could damage the UV-stabilized materials.
- **Inspection:** Regularly check all moving parts, seals, and electrical connections for any signs of wear, damage, or looseness.

TROUBLESHOOTING

If you encounter issues with your Fiamma Turbo Vent, refer to the following common troubleshooting steps:

- **Fan Not Operating:**
 - Check the 12V power supply to the unit. Ensure connections are secure and there is power to the circuit.
 - Verify that the power button on the control panel is engaged.

- Inspect for any obstructions preventing the fan blades from rotating.

- **Reduced Airflow:**

- Clean the exterior mosquito net and interior grille for any accumulated debris or dust.
- Ensure the vent cover is fully open.
- Check the fan speed setting on the control panel.

- **Unusual Noise:**

- Inspect the fan blades for any foreign objects or damage.
- Ensure the vent is securely mounted and not vibrating against the roof.

If the problem persists after attempting these steps, please contact Fiamma customer support or a qualified technician.

SPECIFICATIONS

Model Number	03623H01B
Brand	Fiamma
Voltage	12 Volts DC
Fan Blades	10
Product Weight	5.4 Kilograms
Product Dimensions (L x W x H)	32 x 10 x 20 cm
Roof Opening Compatibility	36 x 36 cm to 42 x 42 cm
Roof Thickness Range	3 cm (min) to 8.5 cm (max, with extension kit)
Features	Electronic speed variator, Reverse rotation, Automatic thermostat (Polar Control), UV-stabilized and impact-resistant materials, Mosquito net, Transparent interior grille.

WARRANTY & SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation included with your purchase or visit the official Fiamma website. Keep your proof of purchase for warranty claims.

Contacting the manufacturer directly will provide the most accurate and up-to-date support information.

