

Vent-Axia Supra Design 100B

Vent-Axia Supra Design 100B Bathroom Fan User Manual

Model: Supra Design 100B | Brand: Vent-Axia

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Vent-Axia Supra Design 100B bathroom fan. Please read these instructions carefully before installation and retain them for future reference.

2. SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of injury or damage:

- **Electrical Safety:** Installation and electrical connection must be carried out by a qualified electrician in accordance with local wiring regulations.
- **Power Disconnection:** Ensure the power supply is disconnected at the mains before performing any installation, maintenance, or cleaning.
- **Intended Use:** This appliance is designed for ventilating bathrooms and similar domestic environments. Do not use it for purposes other than its intended use.
- **Children and Vulnerable Persons:** This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- **Obstruction:** Do not obstruct the air inlet or outlet of the fan. Ensure adequate airflow for proper operation.

3. PRODUCT OVERVIEW

The Vent-Axia Supra Design 100B is a compact and efficient bathroom fan designed to extract stale, humid air from your bathroom, helping to prevent condensation and improve air quality. It features a clean, white aesthetic suitable for various interior designs.



This image shows the front view of the Vent-Axia Supra Design 100B bathroom fan. It features a clean, white, square-shaped cover with rounded corners. The Vent-Axia logo is subtly visible at the bottom center of the front panel.

4. SETUP AND INSTALLATION

Installation of the Vent-Axia Supra Design 100B fan should be performed by a qualified professional to ensure compliance with all electrical and building regulations.

1. **Location Selection:** Choose an appropriate location for the fan, typically on a wall or ceiling, ensuring it is within the designated zones for electrical appliances in a bathroom. The fan is designed for a 100mm diameter duct.
2. **Power Supply:** Ensure the main power supply to the installation area is switched off before commencing any work.
3. **Mounting:** Securely mount the fan unit to the chosen surface using appropriate fixings. Ensure the fan is level and stable.
4. **Ducting Connection:** Connect the fan to the appropriate ducting system (100mm diameter) to vent air to the outside. Ensure all connections are airtight.
5. **Electrical Connection:** Connect the fan to the electrical supply according to the wiring diagram provided with the product and local electrical codes. This typically involves connecting live, neutral, and potentially a switched live for timer functions (if applicable to your specific model variant).
6. **Final Checks:** Once installed, restore power and test the fan's operation.

5. OPERATING INSTRUCTIONS

The Vent-Axia Supra Design 100B fan operates automatically or via a standard light switch, depending on its wiring configuration.

- **Standard Operation:** If wired to a light switch, the fan will activate when the light is turned on and will switch off when the light is turned off (or continue for a set overrun period if a timer model).
- **Continuous Operation:** Some installations may configure the fan for continuous low-level ventilation, with a boost function activated by a switch.
- **Humidity Sensor (if applicable):** If your model includes a humidity sensor, the fan will automatically activate when the humidity level in the room exceeds a preset threshold and will switch off once the humidity drops.

6. MAINTENANCE

Regular cleaning and maintenance will ensure optimal performance and longevity of your fan.

1. **Disconnect Power: ALWAYS** switch off the electrical supply to the fan at the mains before attempting any cleaning or maintenance.
2. **Clean Exterior:** Wipe the exterior casing and grille with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the plastic.
3. **Clean Impeller (if accessible):** If the impeller (fan blades) becomes dusty, carefully remove the front cover (if designed for user access) and gently clean the blades with a soft brush or vacuum cleaner. Ensure no foreign objects enter the motor housing.
4. **Reassemble:** Securely reattach any covers removed for cleaning.
5. **Restore Power:** Once cleaning is complete and the fan is fully reassembled, restore power at the mains.

Note: Do not lubricate any parts of the fan. The motor is designed for maintenance-free operation.

7. TROUBLESHOOTING

If you encounter issues with your Vent-Axia Supra Design 100B fan, refer to the following common problems and solutions:



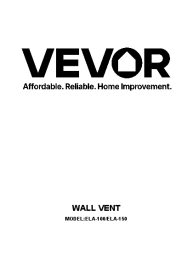
- **Fan does not operate:**
 - Check if the power supply to the fan is switched on at the mains.
 - Verify that the light switch (if connected) is in the 'on' position.
 - Ensure all electrical connections are secure (consult a qualified electrician).
- **Reduced airflow:**
 - Check if the fan grille or impeller is obstructed by dust or debris. Clean as per maintenance instructions.
 - Ensure the external vent is not blocked.
- **Excessive noise:**
 - Check for loose screws or mounting.
 - Ensure the impeller is clean and free from obstructions.
 - If the noise persists and is unusual, contact a qualified technician.

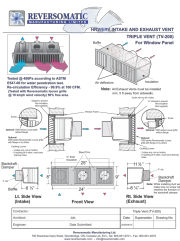
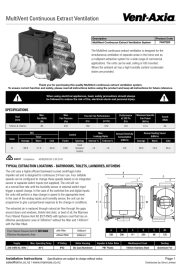
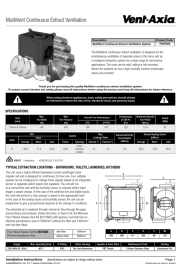
If the problem cannot be resolved using these steps, contact Vent-Axia customer support or a qualified electrician. Do not attempt to repair the fan yourself beyond basic cleaning.

8. SPECIFICATIONS

Attribute	Detail
Brand	Vent-Axia
Model	Supra Design 100B
ASIN	B0DQ2LSJ4Y
Color	White
Fan Design	Bathroom Exhaust Fan (listed as 'Wearable portable fan' in source, but functionally a fixed bathroom fan)
Power Source	Corded Electric
Style	Compact
Special Feature	Portable (as per source data)
Duct Diameter	100 mm

Related Documents - Supra Design 100B

	<p>OREiN Bathroom Exhaust Fan with Light - Troubleshooting and FAQs</p> <p>Find solutions to common issues with your OREiN Bathroom Exhaust Fan with Light, including installation, performance, noise, and moisture problems. Get answers to frequently asked questions.</p>
	<p>Aldes W13 BAHIA@ CURVE S 5/30: Hygrometric Exhaust Vent for Bathrooms and Toilets</p> <p>Aldes W13 BAHIA@ CURVE S 5/30 is a hygrometric single-flow exhaust vent for bathrooms and toilets, designed for individual and collective housing. It ensures optimal ventilation based on humidity levels and features an easy-to-maintain design with a Ø 125 mm connection.</p>
	<p>VEVOR Wall Vent ELA-100/ELA-150 Installation and User Manual</p> <p>Official installation and user manual for VEVOR Wall Vent models ELA-100 and ELA-150. Provides safety instructions, component list, parameter specifications, and step-by-step installation guide for home improvement ventilation.</p>

 <p>Reversomatic Triple Vent (TV-200) HRV/ERV Intake and Exhaust Vent Installation and Specifications</p>	<p>Reversomatic Triple Vent (TV-200) HRV/ERV Intake and Exhaust Vent Installation and Specifications</p> <p>Detailed specifications and installation information for the Reversomatic Triple Vent (TV-200), an HRV/ERV intake and exhaust vent designed for window panel installation. Includes performance data, dimensions, and material details.</p>
 <p>MultiVent Continuous Extract Ventilation Vent-Axia</p>	<p>Vent-Axia MultiVent Continuous Extract Ventilation System Installation Guide (FAN7200)</p> <p>Detailed installation instructions for the Vent-Axia MultiVent Continuous Extract Ventilation System (FAN7200). Covers specifications, safety, electrical and low voltage connections, features, unit adjustment, commissioning, and spare parts.</p>
 <p>MultiVent Continuous Extract Ventilation Vent-Axia</p>	<p>Vent-Axia MultiVent Continuous Extract Ventilation FAN7200 Installation Guide</p> <p>Comprehensive installation instructions, technical specifications, and feature descriptions for the Vent-Axia MultiVent Continuous Extract Ventilation System (FAN7200). Covers setup, wiring, operation, and troubleshooting for residential and commercial applications.</p>