

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Vortice](#) /

› [Vortice M 150/6" A 30 W Wall-Mounted Helical Extractor Fan Instruction Manual](#)

Vortice M 150/6" A 30 W

Vortice M 150/6" A 30 W Wall-Mounted Helical Extractor Fan Instruction Manual

Model: M 150/6" A 30 W (Model Number: 11421)

1. INTRODUCTION

Thank you for choosing a Vortice product. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Vortice M 150/6" A 30 W Wall-Mounted Helical Extractor Fan. Please read these instructions carefully before installation and use, and keep them for future reference.

The Vortice M 150/6" A 30 W is a high-quality wall-mounted helical extractor fan designed for effective ventilation in domestic environments, particularly bathrooms. It features a robust design and is intended to improve air quality by extracting stale air and humidity.



Image 1.1: Front view of the Vortice M 150/6" A 30 W Wall-Mounted Helical Extractor Fan, showing the white square grille and circular exhaust port.

2. SAFETY INFORMATION

WARNING: Electrical appliances can be hazardous. To reduce the risk of fire, electric shock, or injury, always follow basic safety precautions.

- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- Verify compatibility with your electrical installation (230-240 V, 50 Hz).
- Do not operate the fan with a damaged cord or plug.
- Do not insert fingers or foreign objects into the fan grille.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Ensure adequate ventilation when the fan is used in conjunction with other fuel-burning appliances to prevent backflow of gases.

3. SETUP AND INSTALLATION

The Vortice M 150/6" A 30 W fan is designed for wall mounting. Proper installation is crucial for optimal performance and safety.

3.1. Pre-Installation Checks

- Unpack the fan and inspect it for any damage.
- Confirm all components are present: fan unit, mounting hardware (if included).
- Ensure the installation location is suitable, typically a bathroom or utility room, with access to an appropriate electrical supply and an external vent.
- Verify the dimensions of the fan and the wall opening. Refer to the technical drawing below.

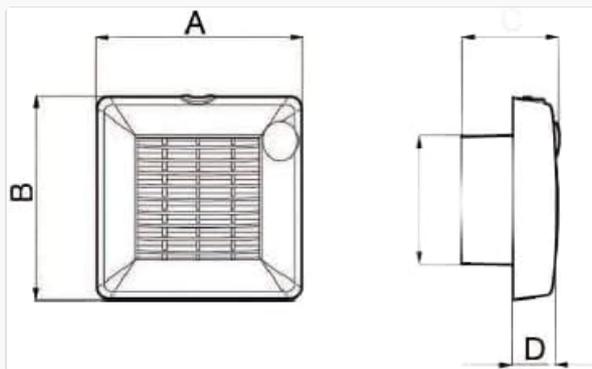


Image 3.1: Technical drawing illustrating the dimensions (A, B, C, D) of the Vortice M 150/6" A 30 W fan for installation planning.

3.2. Mounting the Fan

1. **Disconnect Power:** Turn off the main power supply at the circuit breaker before beginning any electrical work.
2. **Prepare Opening:** Create or ensure an existing circular opening in the wall suitable for the fan's exhaust duct. The fan is designed for a 150mm (6-inch) duct.
3. **Positioning:** Place the fan unit against the wall, ensuring it is level. Mark the drilling points for the mounting screws.
4. **Drill Holes:** Drill pilot holes at the marked positions.
5. **Secure Fan:** Attach the fan securely to the wall using appropriate screws and wall plugs.



Image 3.2: Rear view of the Vortice M 150/6" A 30 W fan, highlighting the motor assembly and the four corner mounting points.

3.3. Electrical Connection

IMPORTANT: All electrical connections must be made by a qualified electrician.

1. Route the electrical cable to the fan's terminal block.
2. Connect the live (L), neutral (N), and earth (E) wires according to the wiring diagram provided inside the fan's terminal cover.
3. Ensure all connections are tight and secure.
4. Close the terminal cover.

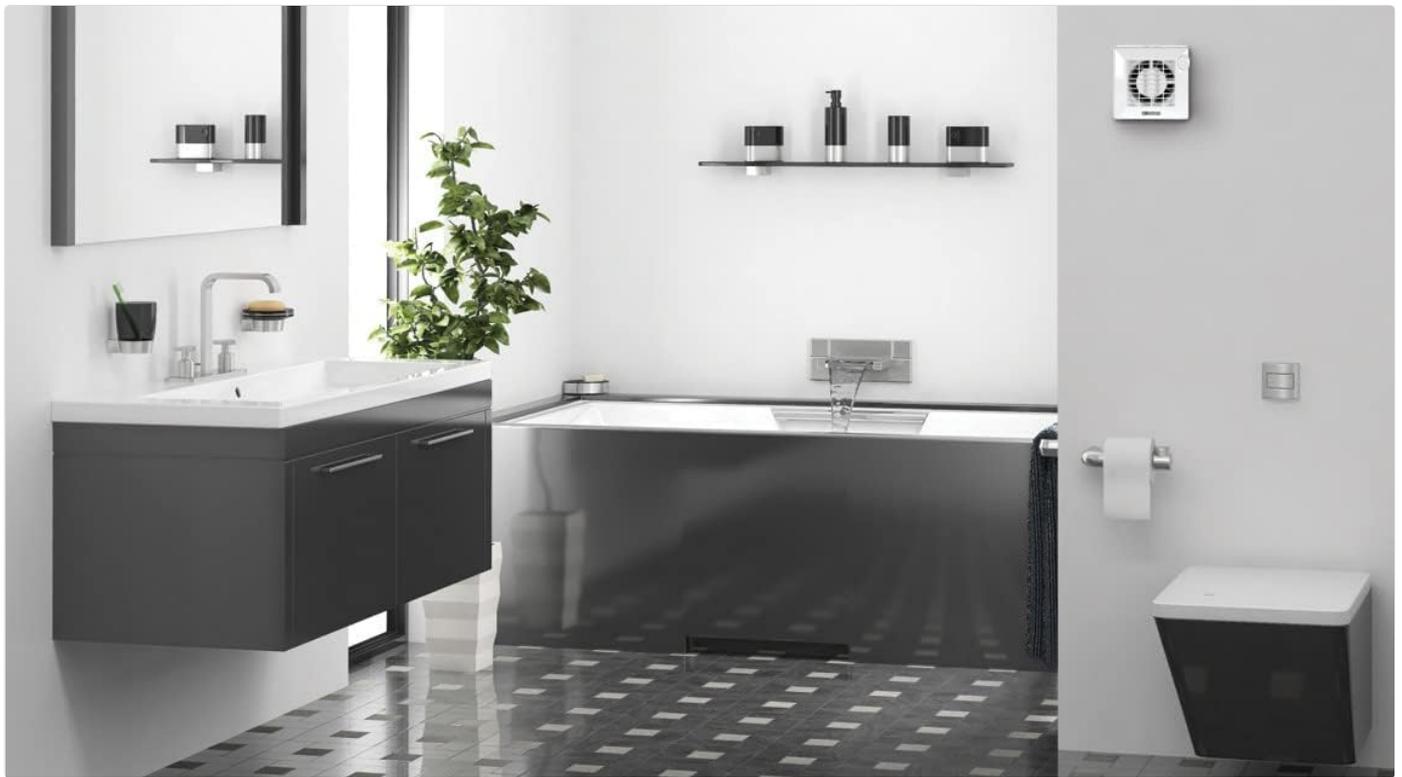


Image 3.3: The Vortice M 150/6\" A 30 W fan seamlessly integrated into a modern bathroom, demonstrating a typical installation scenario.

4. OPERATING INSTRUCTIONS

Once properly installed and connected to the power supply, the Vortice M 150/6\" A 30 W fan is ready for operation.

- **Power On:** Restore power to the circuit at the main breaker.
- **Activation:** The fan is typically controlled by a separate light switch or a dedicated fan switch in the room. Flip the switch to the "ON" position to activate the fan.
- **Automatic Shutter:** This model features an automatic shutter (veneziana) that opens when the fan is activated. It may take approximately 20 seconds for the shutter to fully open and the fan to reach full operational speed. This mechanism prevents air backflow when the fan is off.
- **Deactivation:** Flip the control switch to the "OFF" position to turn off the fan. The automatic shutter will close after a short delay.

The fan operates at a single speed, providing consistent extraction for effective ventilation.

5. MAINTENANCE

Regular cleaning and maintenance will ensure the longevity and efficient operation of your Vortice extractor fan.

5.1. Cleaning the Fan

1. **Disconnect Power:** Always turn off the power supply to the fan at the circuit breaker before cleaning.
2. **Remove Grille:** Carefully remove the front grille of the fan. Refer to the installation diagram if unsure.
3. **Clean Grille and Housing:** Wipe the grille and the exterior housing with a soft, damp cloth. A mild detergent can be used if necessary. Avoid abrasive cleaners or solvents.
4. **Clean Fan Blades:** Gently clean the fan blades with a soft brush or cloth to remove dust and debris. Be careful not to bend or damage the blades.
5. **Reassemble:** Once all parts are clean and dry, reattach the front grille securely.

6. **Restore Power:** Restore power to the fan at the circuit breaker.

Perform cleaning at least once every three months, or more frequently in dusty or high-humidity environments.

6. TROUBLESHOOTING

If you encounter issues with your Vortice M 150/6" A 30 W fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply. Faulty switch. Loose wiring connection.	Check circuit breaker. Test the switch. Consult a qualified electrician to check wiring.
Fan is noisy.	Accumulation of dust/debris on blades. Loose mounting. Motor issue.	Clean fan blades (see Maintenance). Ensure fan is securely mounted. If noise persists, contact support.
Poor air extraction.	Blocked ducting. Dirty fan blades. Shutter not opening fully.	Check and clear any obstructions in the duct. Clean fan blades. Ensure shutter mechanism is free of obstructions.
Shutter not opening/closing.	Obstruction. Mechanism fault.	Inspect for physical obstructions. If mechanism is faulty, contact support.

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

7. SPECIFICATIONS

Key technical specifications for the Vortice M 150/6" A 30 W Wall-Mounted Helical Extractor Fan:

Brand	Vortice
Model Number	11421
Series	Votrice (M 150/6" A 30 W)
Color	White
Power Source	Corded Electric
Voltage/Frequency	230-240 V, 50 Hz
Power Consumption	30 W (implied from model name)
Item Dimensions (L x W x H)	21.4 x 21.5 x 11.7 cm
Product Weight	1100 Grams
Fan Design	Extractor Fan
Style	Wall Mounted

Recommended Use	Aspiration, Ventilation (Bathroom)
Mounting Type	Wall Mount
Material	Plastic
Special Feature	Portable (likely refers to compact design/ease of installation)

8. WARRANTY AND SUPPORT

Vortice products are manufactured to high standards. For warranty information, please refer to the documentation included with your purchase or visit the official Vortice website. Keep your proof of purchase for warranty claims. For technical assistance, spare parts, or service inquiries, please contact Vortice customer support. Contact details can typically be found on the product packaging or the official Vortice website.

Note: Information regarding spare parts availability and software updates is not explicitly provided in the product data.