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› Vortice BRA.VO Qi Built-in Centrifugal Extractor Fan User Manual

Vortice Qi

Vortice BRA.VO Qi Built-in Centrifugal Extractor Fan User Manual

Model: Qi
Brand: Vortice

1. INTRODUCTION

The Vortice BRA.VO Qi is a connected centrifugal extractor fan designed for residential applications, including bathrooms, kitchens, and laundry rooms. This device integrates with Internet of Things (IoT) ecosystems and is compatible with Apple HomeKit, offering advanced air quality management for your home. Its built-in design ensures discreet installation while providing efficient ventilation.

This manual provides essential information for the safe and effective installation, operation, and maintenance of your BRA.VO Qi extractor fan. Please read these instructions thoroughly before use.



Image 1.1: Side view of the Vortice BRA.VO Qi built-in centrifugal extractor fan, showing the main unit and the top duct connection.

2. SAFETY INFORMATION

Important: Always follow basic safety precautions when installing, operating, and maintaining electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the power supply is disconnected before any installation, maintenance, or cleaning procedures.
- Installation must be performed by a qualified electrician and in accordance with local electrical codes and regulations.
- Do not operate the fan with a damaged cord or plug.
- Keep hands, hair, and loose clothing away from moving parts.
- 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.
- The appliance is designed for indoor residential use only. Do not use it in commercial or industrial settings.
- The BRA.VO Qi is designed with a high degree of water protection, allowing installation in bathroom Zone 1. However, ensure proper sealing and follow all installation guidelines.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking.

- Vortice BRA.VO Qi Built-in Centrifugal Extractor Fan Unit

- 80mm to 100mm Duct Adapter
- Installation Template
- Mounting Hardware
- User Manual (this document)



Image 3.1: The product packaging for the Vortice BRA.VO Qi extractor fan.

4. INSTALLATION

The BRA.VO Qi is designed for built-in installation. Ensure adequate space and proper ventilation ducting are available.

1. **Preparation:** Disconnect power at the main circuit breaker. Select an appropriate installation location, considering ducting requirements and electrical connections. The unit can be installed in bathroom Zone 1 due to its water protection.
2. **Mounting:** Use the provided template to mark the cutout area for the fan unit. Carefully cut the opening. Secure the fan unit within the opening using the supplied mounting hardware.
3. **Ducting Connection:** Connect the fan's 80mm discharge duct to your ventilation system. If your existing ducting is 100mm, use the provided adapter. Ensure all connections are sealed to prevent air leakage.
4. **Electrical Connection:** Connect the fan to the electrical supply according to the wiring diagram in the separate electrical installation guide (not provided here, but implied for a product like this). Ensure proper grounding. The fan can be activated via a light switch.
5. **Final Check:** Once installed, ensure all connections are secure and the unit is properly seated. Restore power.



Image 4.1: Front view of the Vortice BRA.VO Qi built-in centrifugal extractor fan, showing its discreet design.

5. SETUP (IoT & HOMEKIT)

The BRA.VO Qi features IoT capabilities and Apple HomeKit compatibility for smart home integration.

1. **Initial Power-On:** After installation and power restoration, the fan will enter pairing mode.
2. **Vortice App / HomeKit Setup:** Download the official Vortice smart home application or open the Apple Home app on your iOS device. Follow the on-screen instructions to add a new accessory.
3. **Pairing:** Scan the HomeKit code (usually found on the device or in a separate manual) or follow the app's instructions for Wi-Fi pairing. This will connect your BRA.VO Qi to your home network and smart home ecosystem.
4. **Configuration:** Within the app, you can configure settings such as the cloud-managed timer, humidity sensor sensitivity, and integrate with other BRA.VO family devices or external cloud services.

6. OPERATING INSTRUCTIONS

The BRA.VO Qi can operate in various modes, offering flexible ventilation control.

- **Manual Activation:** The fan can be activated by a standard light switch, similar to traditional extractors. When activated, it will operate at a pre-set speed or based on smart home configurations.
- **Speed Settings:** The fan offers three extraction speeds: 50 m³/h, 85 m³/h, and 120 m³/h. These speeds can typically be adjusted via the connected smart home application or HomeKit.
- **Cloud-Managed Timer:** Utilize the cloud-managed timer function to set delayed start or stop times for the fan, optimizing energy use and ventilation cycles.
- **Humidity Sensor:** The integrated humidity sensor allows the fan to automatically activate when humidity levels exceed a set threshold, ensuring efficient moisture removal in bathrooms and laundry rooms.
- **Smart Home Control:** Control the fan remotely, set schedules, and integrate it into automation routines using the Vortice app or Apple HomeKit.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your BRA.VO Qi fan.

- **Filter Cleaning:** The BRA.VO Qi is equipped with a washable G2 filter. A dedicated LED indicator will signal when it is time to clean or replace the filter. Disconnect power before accessing the filter.
- **Filter Removal:** Gently open the front panel of the fan to access the G2 filter. Remove the filter.
- **Cleaning:** Wash the filter with mild soap and water. Allow it to dry completely before reinserting. Do not use abrasive cleaners.
- **Reinstallation:** Place the dry filter back into its position and close the front panel. Reconnect power.
- **Exterior Cleaning:** Wipe the exterior surfaces of the fan with a soft, damp cloth. Do not use harsh chemicals or abrasive materials.

8. TROUBLESHOOTING

If you encounter issues with your BRA.VO Qi fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply; loose wiring; circuit breaker tripped.	Check power connection; inspect wiring (with power off); reset circuit breaker.
Poor extraction performance.	Clogged filter; blocked ducting; incorrect speed setting.	Clean or replace filter; check ducting for obstructions; adjust speed setting via app.
Fan is noisy.	Loose mounting; foreign object in fan; motor issue.	Ensure fan is securely mounted; disconnect power and check for obstructions; contact support if motor issue is suspected.
Cannot connect to HomeKit/IoT.	Incorrect pairing procedure; Wi-Fi signal issue; device not in pairing mode.	Review setup instructions; ensure strong Wi-Fi signal; restart fan to re-enter pairing mode.

If the problem persists after attempting these solutions, please contact Vortice customer support.

9. SPECIFICATIONS

Brand	Vortice
Model Name	Qi
Product Type	Built-in Centrifugal Extractor Fan
Dimensions (Package)	39 x 31.9 x 17.8 cm
Item Weight	3.35 Kilograms
Number of Speeds	3 (50, 85, 120 m³/h)
Special Features	Works with Apple HomeKit, IoT enabled, Integrated Humidity Sensor, Cloud-managed Timer
Filter Type	Washable G2
Power Source	Electric Cable
Recommended Use	Bathroom and Kitchen Ventilation
Duct Diameter	80mm (with 100mm adapter included)
Compliance	ErP n° 1253/2014/UE

10. WARRANTY AND SUPPORT

Vortice products are manufactured to high-quality standards. For warranty information, please refer to the documentation provided with your purchase or visit the official Vortice website.

For technical support, spare parts, or service inquiries, please contact your local Vortice distributor or customer service department. Ensure you have your product model (Qi) and purchase details available.



Image 10.1: The official Vortice company logo.

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