SBONNI PAC4

SBONNI 100mm Silent Bathroom Extractor Fan User Manual

Model: PAC4

1. INTRODUCTION

Thank you for choosing the SBONNI 100mm Silent Bathroom Extractor Fan. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new extractor fan. Please read these instructions carefully before use and retain them for future reference.

2. SAFETY INSTRUCTIONS

- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- Installation must be performed by a qualified electrician in accordance with local wiring regulations.
- Do not install the fan in areas where flammable or explosive gases are present.
- 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.
- The fan is designed for indoor use only.
- Do not block the air inlet or outlet during operation.
- The product is rated IPX4, meaning it is protected against splashing water from any direction.

3. PRODUCT OVERVIEW

The SBONNI 100mm Silent Extractor Fan is designed for efficient and quiet ventilation in various indoor environments such as bathrooms, kitchens, offices, and garages. It features a durable PC+ABS casing, a 100% pure copper motor with double ball bearings for reduced friction and noise, and a seven-blade dynamic balance design for powerful airflow.

Figure 3.1: SBONNI 100mm Silent Bathroom Extractor Fan.

This image shows the complete SBONNI 100mm Silent Bathroom Extractor Fan, highlighting its compact and sleek design, along with its packaging and key features like "Plug & Play" and double ball bearings.

3.1 Components

Figure 3.2: Exploded view of the extractor fan components.

This diagram illustrates the internal components of the SBONNI extractor fan, including the front panel, middle board, base, motor, and fan blades, along with various certifications.

The fan consists of several key parts: the front panel, middle board, base, motor, and wind turbine (fan

blades). These components are designed for easy assembly and maintenance.

3.2 Key Features

- **Quiet Operation:** Equipped with double ball bearings and a 100% pure copper motor, reducing friction and noise to 34 dB.
- **Powerful Airflow:** Seven-blade dynamic balance design provides an airflow of 130 m³/h.
- **Durable Materials:** Made from high-quality PC+ABS, resistant to aging and high temperatures.
- **Easy Installation:** Comes with a 1.5m power cable and plug for convenient DIY installation.
- **Waterproof Rating:** IPX4 protection against splashing water.

Figure 3.3: Illustration of the fan's low noise level.

This image visually compares the fan's 34 dB noise level to common sounds, emphasizing its quiet operation, suitable for environments like a baby's room.

Figure 3.4: Demonstration of effective humidity extraction.

This image shows a "Before" and "After" comparison of a bathroom, illustrating how the extractor fan effectively removes steam and humidity, creating a fresh and comfortable environment.

4. Setup and Installation

The SBONNI extractor fan offers flexible installation options, including wall mount, ceiling mount, and glass mount. It comes with a 1.5m power cable and plug for easy connection.

Figure 4.1: Various installation methods.
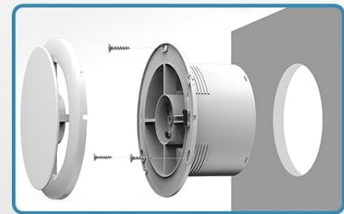
This image displays different installation scenarios: on glass, wall mounting with adhesive, wall mounting with screws, and ceiling mounting, demonstrating the fan's versatility.

4.1 General Installation Steps

1. **Prepare the Opening:** Ensure the wall or ceiling opening is 100mm in diameter.

2. **Mount the Base:** Secure the fan's base into the opening. Depending on the surface, use adhesive or screws.

3. **Connect Wiring:** Connect the 1.5m power cable to a suitable power outlet. Ensure all electrical connections are secure and comply with local regulations.

4. **Attach Components:** Assemble the motor, fan blades, middle board, and front panel onto the base.

5. **Test Operation:** Once installed, turn on the power and test the fan's operation.

4.2 Installation Video Guide

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Video 4.1: Product components and installation overview.

This video provides a visual guide to the fan's components and demonstrates the general installation process, including how the parts fit together and different mounting options.

5. OPERATING INSTRUCTIONS

The SBONNI extractor fan is designed for simple operation. Once properly installed and connected to power, it will begin to ventilate the area.

- **Power On/Off:** Use the wall switch or integrated switch on the power cable (if applicable to your model) to turn the fan on or off.

- **Continuous Operation:** For optimal air quality, especially in high-humidity areas like bathrooms, continuous operation during and after use is recommended.

- **Airflow Direction:** The fan is designed for exhaust ventilation, drawing stale air out of the room.

5.1 Application Environments

The fan is suitable for various environments to improve air circulation and reduce humidity or odors.

Figure 5.1: Fan application in different rooms.

This image illustrates the versatility of the SBONNI extractor fan, showing its effective use in bathrooms, kitchens, and garages to maintain fresh air.

5.2 Operation Demonstration Video

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Video 5.2: Demonstration of air extraction.

This video shows the fan in action, effectively extracting smoke, demonstrating its powerful ventilation capabilities.

6. MAINTENANCE

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

1. **Disconnect Power:** Always turn off and unplug the fan before any cleaning or maintenance.

2. **Clean the Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.

3. **Clean the Fan Blades:** Carefully remove the front panel and gently clean the fan blades with a soft brush or cloth to remove dust and debris.

4. **Reassemble:** Ensure all components are dry before reassembling the fan and restoring power.

Figure 6.1: IPX4 rating and ease of cleaning.

This image highlights the fan's IPX4 waterproof rating, indicating its suitability for humid environments and ease of cleaning without needing to disassemble the entire unit.

7. TROUBLESHOOTING

If you encounter any issues with your SBONNI extractor fan, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply; loose connection; faulty switch.	Check power outlet and connections. Ensure the switch is on. Consult an electrician if necessary.
Fan is noisy.	Accumulated dust on blades; loose components; motor issue.	Clean fan blades. Ensure all parts are securely fastened. If noise persists, contact customer support.
Poor air extraction.	Blocked air vents; fan blades are dirty; incorrect installation.	Clear any obstructions from vents. Clean fan blades. Verify installation according to instructions.
Fan vibrates excessively.	Unbalanced fan blades; loose mounting.	Check for debris on blades. Ensure the fan is securely mounted.

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

8. SPECIFICATIONS

Feature	Detail
Brand	SBONNI
Model	PAC4
Color	White
Product Dimensions	15.5 x 15.5 x 12.5 cm
Weight	480 grams

Feature	Detail
Wattage	12 watts
Voltage	230 Volts
Material	ABS, Polycarbonate (PC+ABS)
Noise Level	34 Decibels
Airflow	130 m³/h
Rotation Speed	2200 RPM
Protection Class	IPX4
Special Features	Easy to install (with European plug), Waterproof, High-temperature resistant PC+ABS material, Pure copper double ball bearing motor (silent and powerful), Overheating protection.

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Modello: P101E

Flusso d'aria (m³/h): 130 m³/h
Tensione (V): 220-240
Velocità di rotazione (RPM): 2200
Consumo di energia (W): 12

Livello sonoro (dB): 34
Etichetta di efficienza energetica: A
Materiale: PC+ABS
Classe di protezione: IPX4

100 mm

155mm

30 mm   90 mm

1.5 m

Figure 8.1: Detailed technical specifications and dimensions.

This diagram provides a visual representation of the fan's key technical specifications, including airflow, noise level,

voltage, wattage, rotation speed, and physical dimensions (155mm diameter, 100mm duct size).

9. WARRANTY AND SUPPORT

SBONNI offers a **5-year warranty** on this product, ensuring quality and reliability. We also provide a 30-day refund policy and 24/7 customer service.

- **Warranty Period:** 5 years from the date of purchase.

- **Refund Policy:** 30-day money-back guarantee.

- **Customer Service:** Available 24/7 for any inquiries or assistance.

For warranty claims, technical support, or any other questions, please contact our customer support team. Please have your purchase receipt and product model number ready.
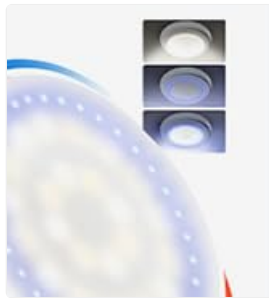

Figure 9.1: SBONNI Customer Support.

This image features the SBONNI customer support team, emphasizing their commitment to customer satisfaction with 24/7 service, quick returns, and a 24-month warranty (note: product description states 5 years, we prioritize the 5-year claim from product features).

Note: The product feature bullets state a 5-year warranty, while the customer support image mentions 24 months. We prioritize the 5-year warranty as stated in the product features.