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LUMLLSAJI 10-inch Bathroom Exhaust Fan

LUMLLSAJI 120CFM Bathroom Exhaust Fan Instruction Manual

Model: 10-inch Ceiling Mounted Exhaust Fan

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your LUMLLSAJI 120CFM Bathroom Exhaust Fan. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The LUMLLSAJI 10-inch Bathroom Exhaust Fan is designed to provide powerful and quiet ventilation for bathrooms and other enclosed spaces up to 100 square feet. It efficiently removes moisture, steam, and odors, contributing to a fresh and dry environment.



Image 1.1: Overview of the LUMLLSAJI Bathroom Exhaust Fan highlighting its key features.

2. Safety Information

Always follow basic safety precautions when installing or using this appliance to reduce the risk of fire, electric shock, or injury to persons.

- Read all instructions carefully before installation.
- Disconnect power at the service panel before wiring.
- All wiring must conform to local electrical codes and standards.
- Do not install in a cooking area.
- This unit is for general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
- Ensure proper grounding.
- Wear safety glasses and gloves during installation.

3. Package Contents

Verify that all components are present and undamaged before beginning installation. If any parts are missing or damaged, contact customer support.

- 1 x Grille
- 1 x Instruction Manual
- 1 x Screw Bag (mounting hardware)
- 1 x Fan Housing with Motor Assembly



Image 3.1: Included components in the product package.

4. Specifications

Feature	Specification
Brand	LUMLLSAJI
Model Name	Bathroom Exhaust Fan
Air Flow Capacity	120 CFM
Noise Level	1 Sone (approx. 40dB)
Wattage	32 Watts
Power Source	AC
Mounting Type	Ceiling Mount

Feature	Specification
Duct Size Compatibility	4-inch standard ducting
Cover Dimensions	10 x 10 inches (259mm x 259mm)
Ceiling Opening Requirement	8 x 8 inches (220mm x 220mm)
Product Dimensions (D x W x H)	12.5"D x 7.6"W x 11"H (approx. 31.75cm D x 19.3cm W x 27.94cm H)
Recommended Room Size	Up to 100 sq ft

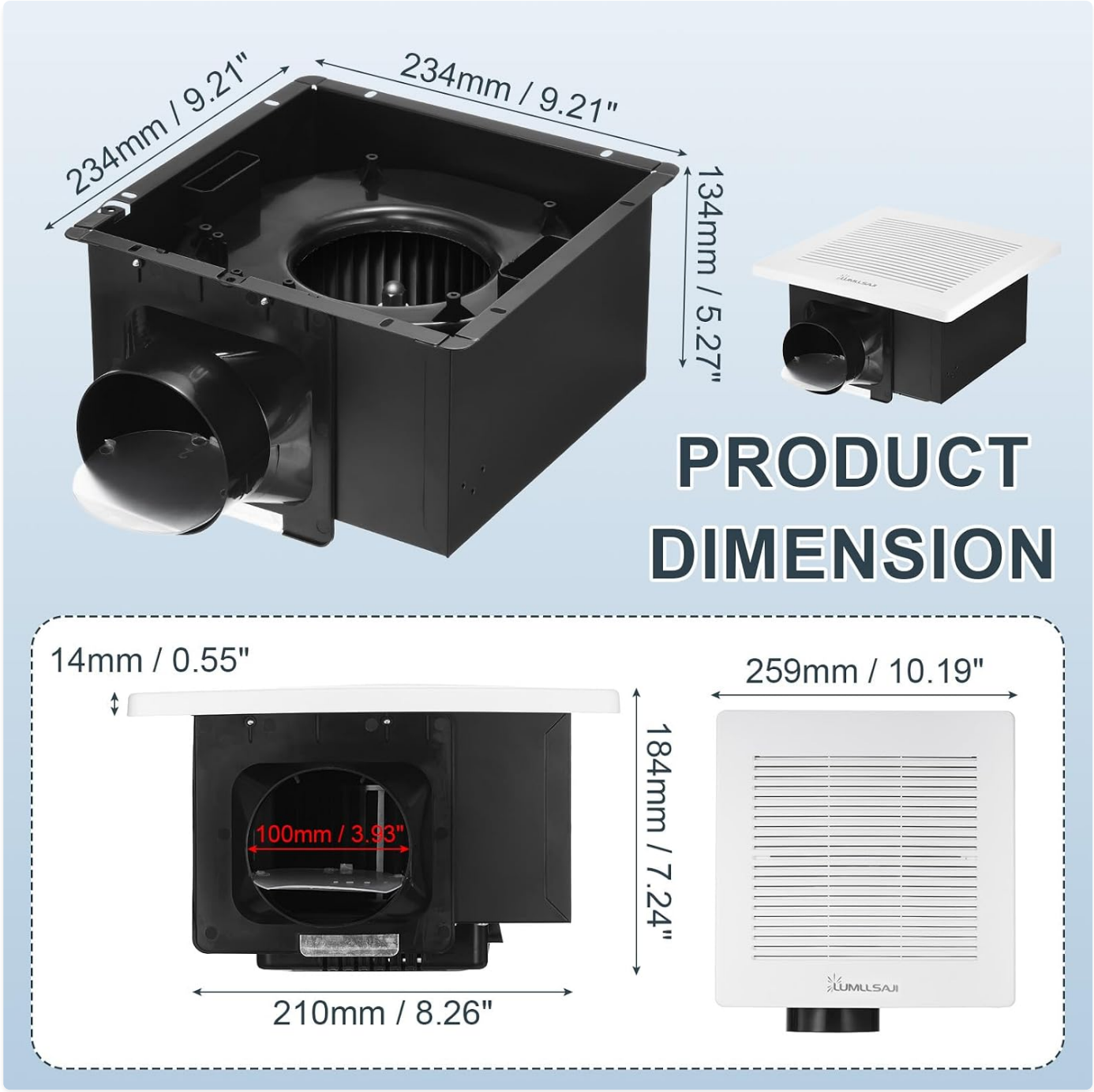


Image 4.1: Product dimensions and measurements.

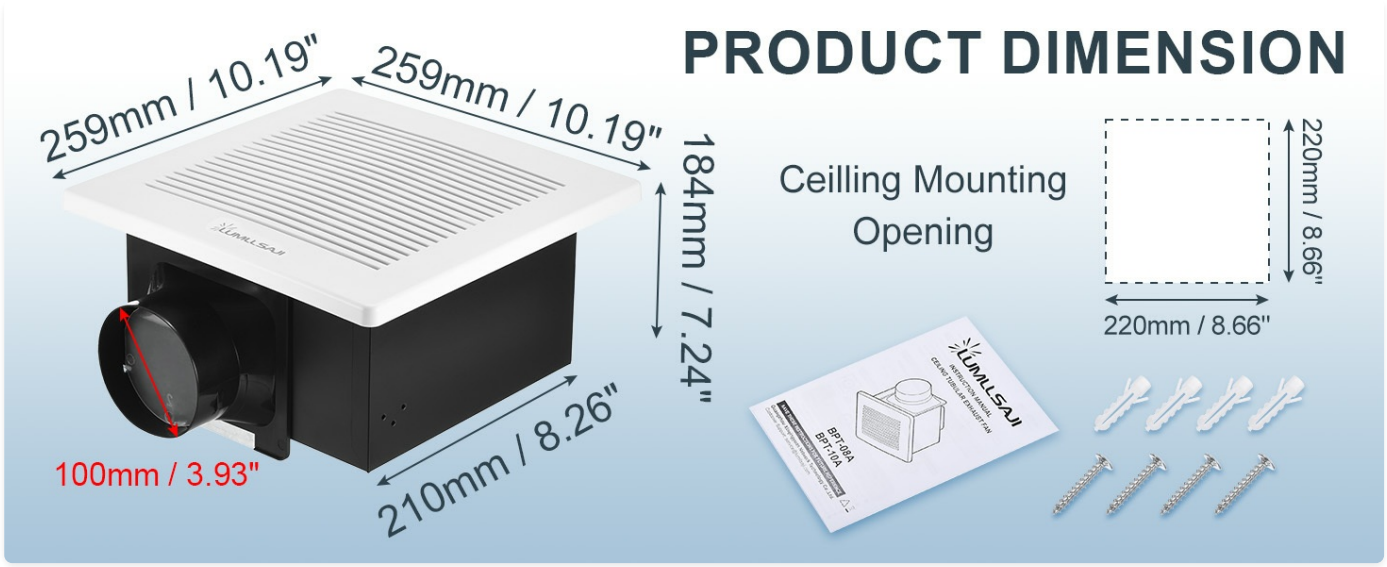


Image 4.2: Detailed dimensions including ceiling opening requirements.

5. Installation Instructions

This exhaust fan is designed for room-side installation, meaning no attic access is required. Follow these steps carefully.

5.1 Pre-Installation Checklist

- Ensure power is OFF at the circuit breaker.
- Confirm ceiling opening size is 8 x 8 inches.
- Gather necessary tools: screwdriver, wire strippers, drill, measuring tape, utility knife.

5.2 Step-by-Step Installation

1. **Prepare the Ceiling Opening:** If replacing an existing fan, remove the old unit. If installing new, cut an 8x8 inch opening in the ceiling at the desired location.
2. **Connect Ductwork:** Attach a 4-inch duct to the fan's air outlet. Secure with duct tape or a clamp (not included) to ensure an airtight seal.
3. **Wiring:** Connect the fan's electrical wires to your household wiring according to local electrical codes. Ensure proper grounding. Use wire nuts to secure connections.
4. **Mount the Fan Housing:** Insert the fan housing into the ceiling opening. Use the provided screws to secure the housing to the ceiling joists or framing.
5. **Attach the Grille:** Connect the grille to the fan housing. The detachable face frame allows for easy attachment and future maintenance.

For visual guidance, refer to the diagrams in the printed manual or consult a qualified electrician if you are unsure about any steps.



Image 5.1: Example of the exhaust fan installed in a ceiling.

6. Operating Instructions

The LUMLLSAJI Bathroom Exhaust Fan is designed for simple operation.

1. **Power On:** Once installed and wired, restore power at the circuit breaker.
2. **Activate Fan:** Operate the fan using the wall switch connected to the unit.
3. **Ventilation:** Allow the fan to run during and after showering or bathing to effectively remove moisture and odors. For optimal results, run the fan for at least 15-20 minutes after the room is no longer in use.

The fan operates at a quiet 1 Sone, ensuring minimal disturbance while providing powerful 120 CFM ventilation.

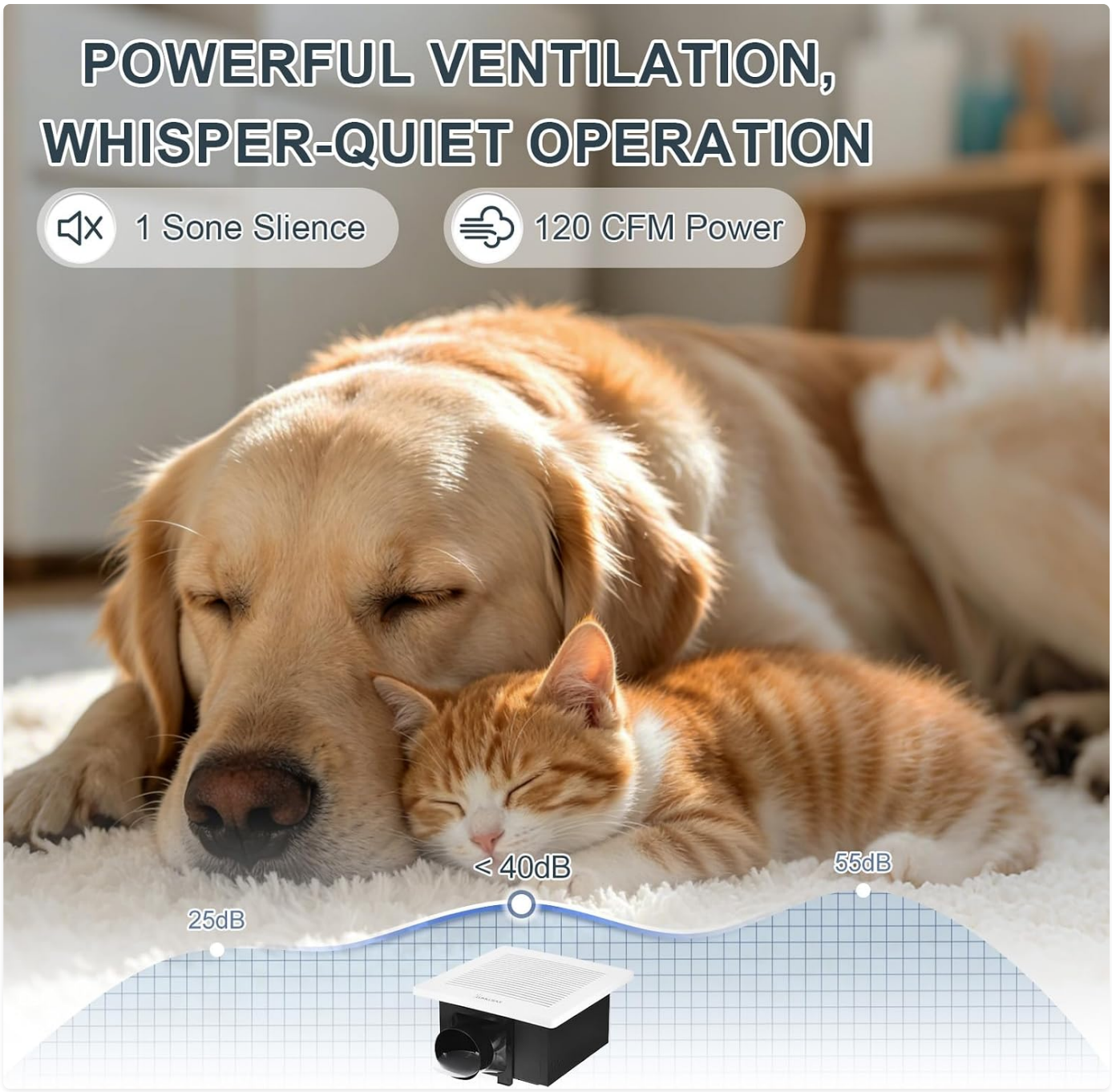


Image 6.1: The fan's quiet operation ensures a peaceful environment.

7. Maintenance

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

7.1 Cleaning the Grille

1. **Disconnect Power:** Always turn off power to the fan at the circuit breaker before cleaning.
2. **Remove Grille:** Gently pull down the grille from the fan housing. The detachable face frame is designed for easy removal.
3. **Clean Grille:** Wash the grille with mild soap and water. Rinse thoroughly and dry completely before reattaching.
4. **Reattach Grille:** Align the grille with the housing and push it back into place until it clicks securely.

7.2 Cleaning the Fan Interior

Periodically, you may need to clean the fan blades and interior. This should be done with caution.

- Ensure power is OFF.
- Remove the grille as described above.
- Carefully wipe down the fan blades and interior surfaces with a damp cloth. Do not use excessive water or spray directly into the motor.
- Allow all parts to dry completely before restoring power.

8. Troubleshooting

If you encounter issues with your exhaust fan, refer to the following common troubleshooting steps.

Problem	Possible Cause	Solution
Fan does not turn on.	No power to the unit. Loose wiring connection.	Check circuit breaker. Verify all wiring connections are secure (ensure power is off before checking).
Fan is noisy.	Loose grille. Debris in fan blades. Improper installation.	Ensure grille is securely attached. Clean fan blades (power off). Recheck installation for secure mounting.
Poor ventilation.	Blocked ductwork. Fan blades are dirty. Room size exceeds capacity.	Check ductwork for obstructions. Clean fan blades. Ensure fan is appropriate for room size (up to 100 sq ft).

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

9. Warranty and Support

LUMLLSAJI stands behind the quality of its products. For warranty information or technical support, please refer to the contact details provided in your product packaging or visit the official LUMLLSAJI website.

When contacting support, please have your product model number (10-inch Bathroom Exhaust Fan) and purchase date available.

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