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LUMLLSAJI 000151al250916um

LUMLLSAJI 10-inch Bathroom Exhaust Fan with 5CCT LED Light User Manual

Brand: LUMLLSAJI | **Model:** 000151al250916um

1. Safety Information

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Always disconnect power at the circuit breaker before installing, servicing, or cleaning the unit.
- All electrical wiring must be performed by a qualified electrician in accordance with all applicable local codes and standards.
- Wear safety glasses and gloves during installation.
- Ensure the fan is properly grounded.
- Do not install this fan in a ceiling with insulation that exceeds the fan's rated temperature.
- This fan is intended for general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.

2. Package Contents

Verify that all components are present and undamaged before proceeding with installation.

- LUMLLSAJI 10-inch Bathroom Exhaust Fan Unit with Integrated LED Light
- Aluminum Foil Tube (Ducting)
- Clamps (for securing ducting)
- Instruction Manual



Image: Overview of the product components, including the exhaust fan unit, aluminum foil tube for ducting, and metal clamps.

3. Specifications

Feature	Specification
Brand	LUMLLSAJI
Model Number	000151al250916um
Air Flow Capacity	110 CFM
Noise Level	1.0 Sones
Lighting	5-Color Temperature Adjustable LED (2700K-6500K), 1000 Lumens, CRI >80
Total Power	35W (23W Motor, 12W Lighting)
Input Voltage	100-120V AC, 50/60Hz
Product Dimensions (D x W x H)	10" x 10" x 6.9"
Mounting Opening (Suggested)	8.5 inches (actual unit fits 8"x8" opening)
Installation Type	Ceiling Mount
Recommended Use	Bathroom, Kitchen, Laundry Room, Utility Room, Garage



Image: Visual representation of product dimensions and key specifications, including the aluminum foil tube and clamp.

4. Installation

Follow these steps for proper installation of your exhaust fan. Ensure power is disconnected before starting.

1. **Prepare Ceiling Opening:** Ensure the ceiling opening is approximately 8.5 inches for optimal fit. The fan unit itself requires an 8x8 inch opening.



Image: Diagram illustrating the required ceiling opening dimensions for installation.

2. **Mount the Fan Unit:** Position the fan unit into the ceiling opening. Use screws to fix the unit to the mounting arm or ceiling joists in the reserved positions.
3. **Connect Ducting:** Attach the provided aluminum foil tube to the fan's exhaust port. Route the ducting to an exterior vent. Secure the ducting to the fan and the exterior vent using the provided clamps to ensure an airtight seal.
4. **Electrical Wiring:** Connect the household electrical wires (Live, Neutral, Ground) to the corresponding terminals on the fan unit. Ensure all connections are secure and comply with local electrical codes.
5. **Set Light Color Temperature:** Before attaching the light panel, locate the 5CCT toggle switch on the back of the light cover. Select your desired color temperature (2700K, 3500K, 4000K, 5000K, or 6000K).
6. **Install Light Panel:** Once wiring is complete and the color temperature is set, attach the light panel to the fan unit.
7. **Test Operation:** Restore power at the circuit breaker and test the fan and light functions.

Video: An official product video from LUMLLSAJI demonstrating the features and providing a general overview of the bathroom exhaust fan with light. This video can provide visual context for the installation process.

5. Operating Instructions

Your LUMLLSAJI exhaust fan with light is designed for simple operation.

- **Fan Operation:** The exhaust fan is typically controlled by a standard wall switch connected to the fan's power supply. Flip the switch to turn the fan ON or OFF.
- **Light Operation:** The integrated LED light is also controlled by a standard wall switch, often separate from the fan switch if wired independently. Flip the switch to turn the light ON or OFF.
- **Adjusting Light Color Temperature (CCT):** The light features 5 adjustable color temperatures. To change the CCT, you must access the toggle switch located on the back of the light cover. This adjustment is usually made during installation or maintenance. Once set, the light will operate at the chosen CCT until manually changed again.



Image: Visual guide to the 5 CCT (Correlated Color Temperature) options available for the integrated LED light.



Image: Illustration of the fan's effectiveness in quickly clearing steam and odors from a bathroom environment.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your exhaust fan.

1. **Disconnect Power:** Always turn off power at the circuit breaker before performing any maintenance.
2. **Clean Light Cover and Grille:** Gently remove the light cover and grille. Wash with mild soap and water, rinse thoroughly, and dry completely before reattaching.
3. **Clean Fan Blades and Housing:** Using a soft cloth or brush, carefully clean any dust or debris from the fan blades and the interior of the fan housing. Avoid using abrasive cleaners or solvents.
4. **Inspect Ducting:** Periodically check the ducting for any obstructions, kinks, or damage that could impede airflow.

5. **Reassemble:** Once clean and dry, reattach the fan grille and light cover. Restore power.



Image: The fan unit installed in a bathroom, emphasizing its bright light and the 'Easy to Clean' feature of the internal components.

7. Troubleshooting

If you encounter issues with your exhaust fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not operate	No power supply Loose wiring Faulty wall switch	Check circuit breaker and wall switch. Ensure all electrical connections are secure. Consult a qualified electrician if necessary.

Light does not turn on	No power supply Loose wiring Faulty wall switch Incorrect CCT switch setting	Check circuit breaker and wall switch. Verify wiring connections. Ensure the CCT toggle switch on the light cover is set to a valid position.
Excessive noise during operation	Obstruction in fan or ducting Loose mounting screws Damaged fan blades	Disconnect power and inspect fan blades and ducting for obstructions. Tighten all mounting screws. If fan blades are damaged, contact customer support.
Poor ventilation/steam not clearing	Ducting obstruction or leak Improper ducting size Fan unit not operating at full capacity	Check ducting for blockages or leaks. Ensure ducting is correctly sized and installed. Verify fan is running properly.

8. Warranty and Support

For warranty information, technical assistance, or any questions regarding your LUMLLSAJI Bathroom Exhaust Fan with Light, please contact LUMLLSAJI customer support through the retailer's platform or the contact information provided with your purchase. Please have your model number (000151al250916um) and purchase date available when contacting support.

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