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› LESANM 12-inch Square Ceiling Mount Exhaust Fan with Adjustable LED Light (Model: Ventilation Vents Fan)

LESANM Ventilation Vents Fan

LESANM 12-inch Square Ceiling Mount Exhaust Fan with Adjustable LED Light

Model: Ventilation Vents Fan | Brand: LESANM

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your LESANM 12-inch Square Ceiling Mount Exhaust Fan with Adjustable LED Light. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image 1.1: Overview of the LESANM Exhaust Fan with Light and its adjustable color temperature feature.

LESANM Bathroom Fan with Light

Achieves near-silent performance through optimized blade geometry and a low-vibration DC motor, reducing noise to levels barely perceptible to the human ear (similar to rustling leaves)



Image 1.2: Demonstration of effective moisture and odor control.



Image 1.3: Highlighting the quiet operation of the fan.

2. SAFETY INFORMATION

Always follow basic safety precautions when installing, operating, and maintaining this product to reduce the risk of fire, electric shock, or injury to persons.

- Ensure power is disconnected at the circuit breaker before installation or servicing.
- All wiring must be performed by a qualified electrician in accordance with local electrical codes.
- Do not install in areas where the temperature may exceed 104°F (40°C).
- This fan is designed for indoor use only.
- Do not use this fan with any solid-state speed control device unless specifically designed for it.
- Wear safety glasses and gloves during installation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

Complete Accessories

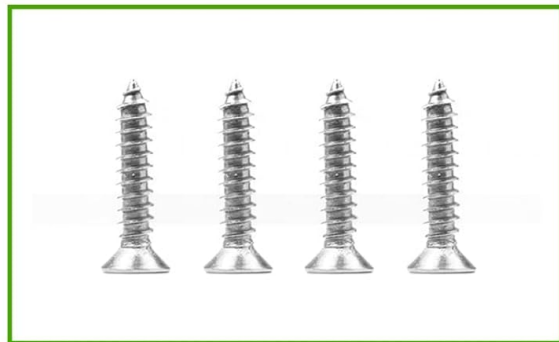


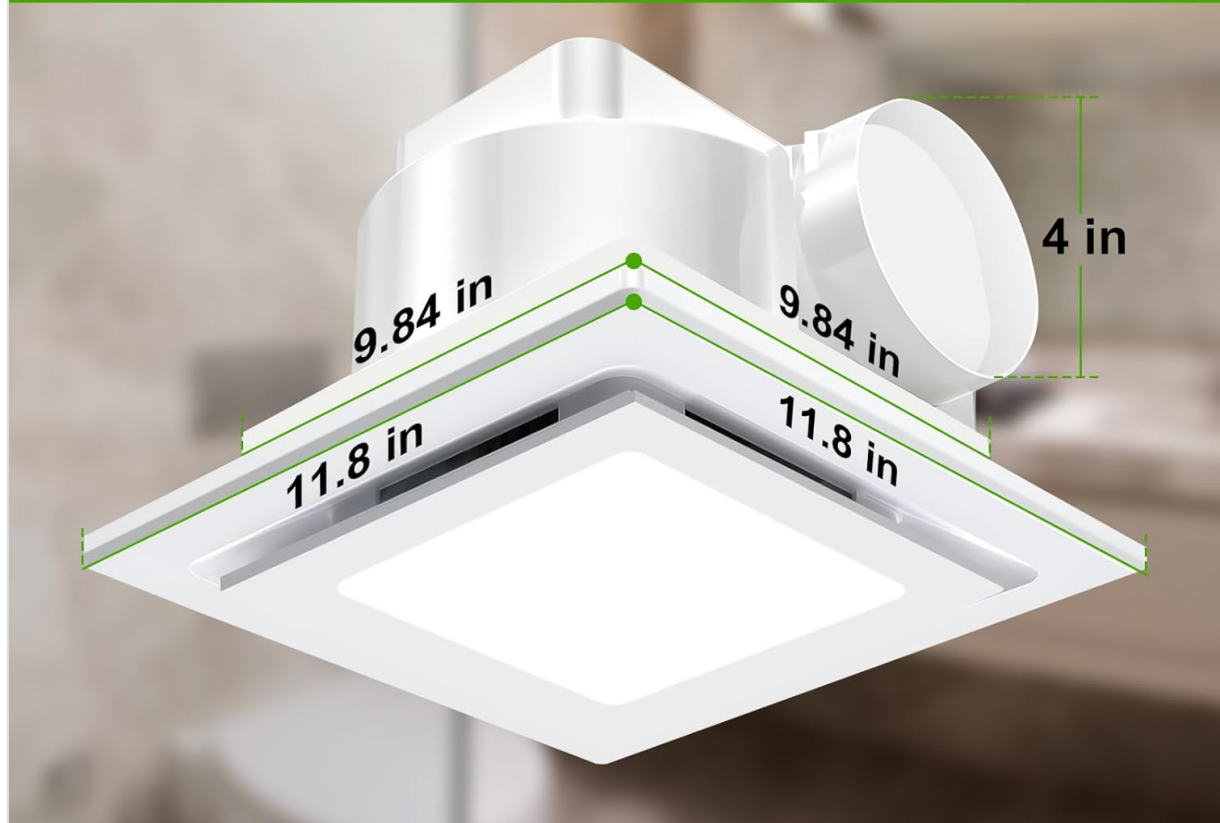
Image 3.1: All accessories included in the package.

- Exhaust Fan Unit with LED Light
- Flexible Ducting
- Hose Clamps (2)
- Mounting Screws (4)
- Instruction Manual (this document)

4. SPECIFICATIONS

Feature	Specification
Brand	LESANM
Model Number	Ventilation Vents Fan
Electric Fan Design	Exhaust Fan
LED Light Wattage	12 watts
Air Flow Capacity	100 Cubic Feet Per Minute (CFM)
Noise Level	1.0 Sones
Light Color Temperature	Adjustable (4000K, 5000K, 6000K)
Voltage	110-220V
Installation Type	DIY, Ceiling Mount
Product Dimensions (Fan Unit)	5.92 x 12.2 x 12.2 inches
Suitable Ceiling Opening	9.84" x 9.84" (25cm x 25cm)
Item Weight	4.2 pounds

Product specifications



Suitable ceiling opening

SIZE: 9.84" x 9.84" / 25x25cm (LxW)

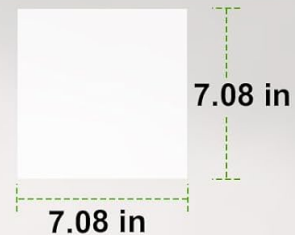


Image 4.1: Product dimensions and suitable ceiling opening.

5. INSTALLATION (SETUP)

This section outlines the general steps for installing the exhaust fan. Professional installation is recommended if you are not familiar with electrical wiring or ceiling work.

1. Prepare the Installation Area:

- Turn off power to the installation area at the main circuit breaker.
- Locate a suitable ceiling joist or framing for secure mounting. Ensure the ceiling opening is approximately 9.84" x 9.84" (25cm x 25cm).

2. Mount the Fan Housing:

- Insert the fan housing into the prepared ceiling opening.
- Secure the fan housing to the ceiling joists or framing using the provided mounting screws. Ensure it is firmly attached.

3. Connect Ducting:

- Attach the flexible ducting to the fan's exhaust port.

- Secure the ducting with one of the provided hose clamps.
- Route the ducting to an appropriate exterior vent. Ensure the ducting is as straight as possible to maximize airflow.

4. Electrical Wiring:

- Connect the fan's electrical wires to the household wiring according to local electrical codes. Typically, this involves connecting live, neutral, and ground wires.
- Ensure all connections are secure and insulated.

5. Install the Grille/Light Cover:

- Once wiring is complete and secure, attach the fan grille/light cover to the fan housing.
- Ensure it snaps or screws into place securely.

6. Restore Power:

- Turn the power back on at the circuit breaker.
- Test the fan and light functions.



Image 5.1: General installation steps for a ceiling mount exhaust fan.

6. OPERATION

The LESANM Exhaust Fan with Light is designed for simple operation via a standard wall switch.

6.1 Fan Operation

To operate the exhaust fan, simply toggle the wall switch connected to the unit. The fan will activate, providing ventilation for your space.

6.2 Light Operation and Color Temperature Adjustment

The integrated LED light features adjustable color temperatures (4000K, 5000K, 6000K). To change the light color:

1. Turn the light **ON** using the wall switch.
2. To cycle through the color temperatures, quickly turn the wall switch **OFF** and then **ON** again. Each toggle will switch to the next color temperature.
3. The light will remember the last selected color temperature when turned off for more than 10 seconds.



Image 6.1: How to adjust the LED light color temperature.

7. MAINTENANCE

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

7.1 Cleaning the Grille

1. Turn off power to the fan at the circuit breaker.
2. Carefully remove the fan grille/light cover.
3. Wash the grille with mild soap and water. Do not use abrasive cleaners.
4. Rinse thoroughly and dry completely before reattaching.

7.2 Cleaning the Fan Interior

1. With the power off and grille removed, gently wipe the fan blades and interior surfaces with a damp cloth.
2. Ensure no moisture enters the motor or electrical components.
3. Allow all parts to dry completely before reassembling.

Note: Do not lubricate the motor. The motor is permanently lubricated and sealed.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Fan does not operate.	No power; loose wiring; faulty switch.	Check circuit breaker; verify wiring connections; test wall switch.
Light does not turn on.	No power; loose wiring; LED failure.	Check circuit breaker; verify wiring connections; contact support if LED is faulty.
Fan is noisy.	Loose mounting; debris in fan blades; ducting obstruction.	Ensure fan is securely mounted; clean fan blades; check ducting for blockages.
Poor ventilation.	Ducting obstruction; improper ducting size; fan motor issue.	Check ducting for blockages or kinks; ensure ducting matches fan outlet size; contact support if motor is suspected.

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

9. WARRANTY AND SUPPORT

LESANM products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty card included with your purchase or visit the official LESANM website. For technical support, replacement parts, or any questions regarding your product, please contact LESANM customer service.

Contact Information: (Please refer to your purchase documentation or the manufacturer's website for the most current contact details.)