

1011033864

Commercial Electric LED Bathroom Exhaust Fan with Humidity Sensor

Model: 1011033864

INTRODUCTION

Thank you for choosing the Commercial Electric LED Bathroom Exhaust Fan with Humidity Sensor. This manual provides important information for the proper installation, operation, and maintenance of your new exhaust fan. Please read this manual thoroughly before installation and keep it for future reference.



Image: The Commercial Electric LED Bathroom Exhaust Fan, showing the main unit with its white LED light cover.

SAFETY INFORMATION

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

- Disconnect power at the service panel before installation or servicing.
- All wiring must conform to local electrical codes and standards.
- Do not install this fan in a cooking area.

- Ensure proper grounding.
- Wear safety glasses and gloves during installation.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- LED Exhaust Fan Unit
- Installation Manual
- Mounting Hardware



Image: The retail packaging for the Commercial Electric LED Bathroom Exhaust Fan, displaying key features and specifications.

SETUP AND INSTALLATION

This fan is designed for ceiling mounting and can be used for both new construction and replacement applications. Ensure the mounting location provides adequate space and structural support.

Pre-Installation Steps:

1. Turn off power at the circuit breaker or fuse box.
2. Determine the desired CFM setting (80 CFM for 80-99 sq ft rooms, 110 CFM for 100+ sq ft rooms) using the "Choose-a-Flow" switch.
3. Prepare the ceiling opening according to the fan's dimensions (8"D x 8"W x 4"H).

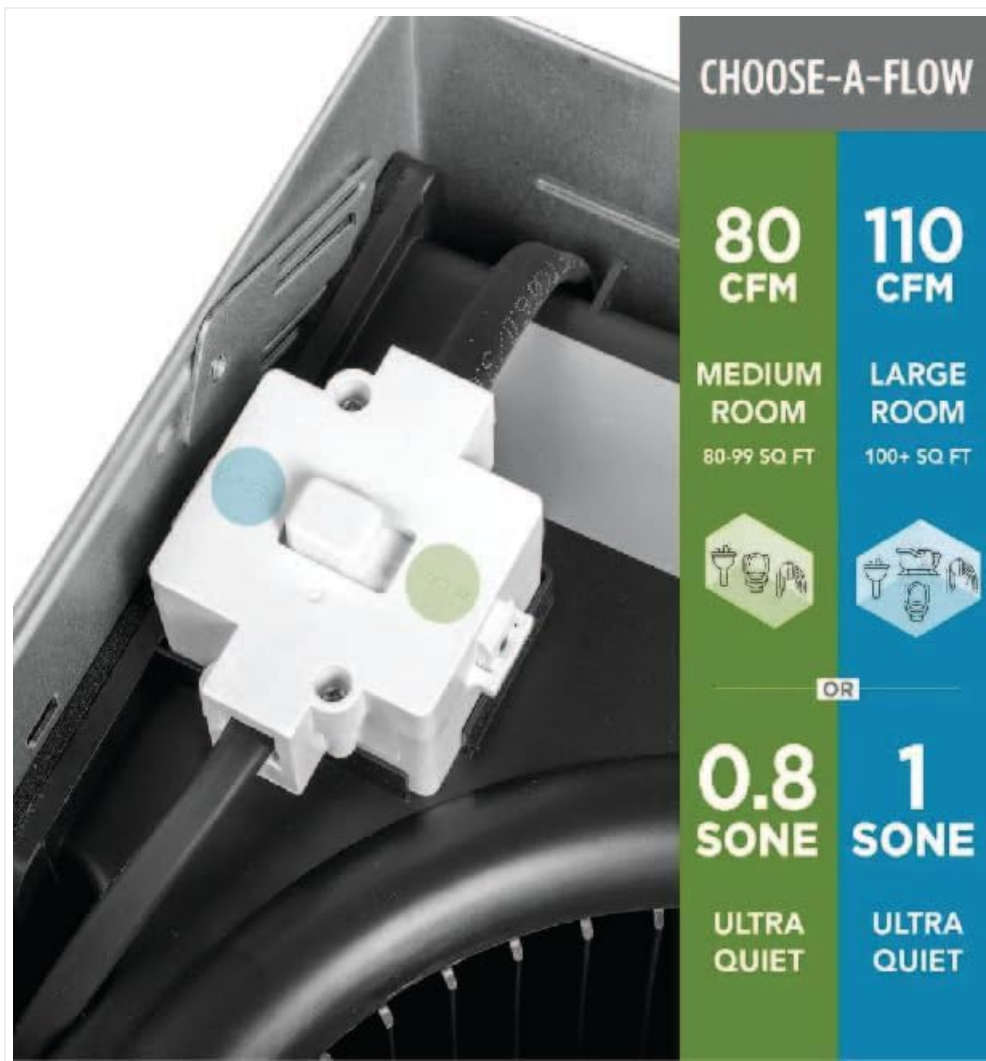


Image: A close-up view of the "Choose-a-Flow" switch, allowing selection between 80 CFM and 110 CFM settings for different room sizes.

Installation Procedure:

1. Secure the fan housing to the ceiling joists using the provided mounting hardware.
2. Connect the ductwork to the fan's exhaust port. Ensure a tight seal to prevent air leakage.
3. Wire the fan according to the wiring diagram in the included installation manual. This fan requires a 120 Volt, hardwired connection.
4. Install the LED light cover by aligning it with the fan housing and securing it in place.
5. Restore power and test the fan's operation.

OPERATING INSTRUCTIONS

This exhaust fan features a humidity sensor for automatic operation and an integrated LED light.

Humidity Sensing Operation:

The fan's humidity sensor automatically detects and adjusts operation based on the room's moisture levels. When humidity rises above a preset threshold (e.g., during a shower), the fan will activate to remove excess moisture. It will continue to run until the humidity level drops to an acceptable range, then automatically shut off.

LED Light Operation:

The integrated LED light provides bright, energy-efficient illumination. The light operates independently of the fan's humidity sensing function and can be controlled via a standard wall switch (not included).

CFM Selection:

The fan offers dual-speed operation (80 CFM or 110 CFM) which is set during installation using the "Choose-a-Flow" switch. This setting determines the maximum airflow capacity of the fan.

MAINTENANCE

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

Cleaning the Grille and Fan Blades:

1. Turn off power to the fan at the circuit breaker.
2. Carefully remove the LED light cover and grille.
3. Wipe the grille and fan blades with a damp cloth. For stubborn dirt, use a mild detergent.
4. Allow all parts to dry completely before reassembling.
5. Reattach the grille and LED light cover.
6. Restore power.

Frequency: Clean every 3-6 months, or more frequently in dusty environments.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply. Faulty wiring. Humidity sensor not triggered.	Check circuit breaker. Verify wiring connections (consult a qualified electrician if unsure). Increase humidity in the room to test sensor.
Fan is noisy.	Loose mounting. Dirty fan blades. Obstruction in ductwork.	Ensure fan is securely mounted. Clean fan blades and grille. Check ductwork for blockages.
Fan not removing humidity effectively.	Incorrect CFM setting. Humidity sensor malfunction. Room size exceeds fan capacity.	Verify "Choose-a-Flow" setting is appropriate for room size. Contact customer support if sensor is suspected faulty. Ensure fan is sized correctly for the room.
LED light not working.	No power to light circuit. Faulty LED module.	Check light switch and wiring. Contact customer support for replacement.

SPECIFICATIONS

Brand	Commercial Electric
Model Name	Chose A Flow
Model Number	1011033864
Air Flow Capacity	80/110 CFM (Cubic Feet Per Minute)

Noise Level	0.8-1.0 Sones
Voltage	120 Volts
Wattage	15 watts
Product Dimensions	8"D x 8"W x 4"H
Switch Type	Humidity Sensor
Light Type	Integrated LED
Certifications	Energy Star, UL Listed
Installation Type	Ceiling Mount, Hardwired
Included Components	Installation Manual, LED Exhaust Fan, Mounting Hardware

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided in the separate warranty card included with your product, or visit the manufacturer's official website.

This product is manufactured by Commercial Electric.