Oeukas BF-2

Oeukas BF-2 4-in-1 Bathroom Exhaust Fan with Light and Heater Instruction Manual

Model: BF-2 | Brand: Oeukas

Overview Setup Operation Maintenance Troubleshooting Specifications Warranty Support

1. Product Overview

The Oeukas BF-2 is a versatile 4-in-1 bathroom exhaust fan designed to provide ventilation, heating, and lighting. It features a powerful 190 CFM fan, an 1800W heater, a 1500lm LED light, and is controlled via a convenient remote. This unit is UL Listed, ensuring safety and reliability for your bathroom environment.



Image 1.1: Overview of the Oeukas BF-2's key features and benefits.



Image 1.2: Visual representation of the fan's effectiveness in clearing steam and humidity.

2. Installation and Setup

Proper installation is crucial for the safe and efficient operation of your Oeukas BF-2 bathroom exhaust fan. Please follow these instructions carefully. If you are unsure about any step, consult a qualified electrician or HVAC professional.

2.1 Safety Precautions

- Always disconnect power at the circuit breaker before beginning any installation or maintenance.
- Ensure all wiring complies with local electrical codes and regulations.
- The unit is UL-certified; ensure the power cord is intact and undamaged.
- Wear appropriate personal protective equipment (PPE) such as gloves and eye protection.

2.2 Installation Steps

1. **Test the Unit:** Before installation, test the machine according to the instructions to ensure it functions correctly.

2. **Measure Ceiling Opening:** Measure the ceiling opening to ensure it meets the required dimensions. The recommended ceiling opening is 11.22 inches by 11.22 inches.
3. **Position the Machine:** Position the machine at an angle to mount it to the ceiling. Ensure there is a minimum 11-inch roof-to-ceiling clearance for proper installation.
4. **Attach the Panel:** Attach the decorative panel to the machine. The exhaust vent on the panel needs to be aligned with the black rectangular air outlet of the machine.
5. **Connect Air Duct:** Fit the air duct over the exhaust outlet and secure it with tape. Use a power tool to fasten the air duct with a metal clamp for a secure connection.

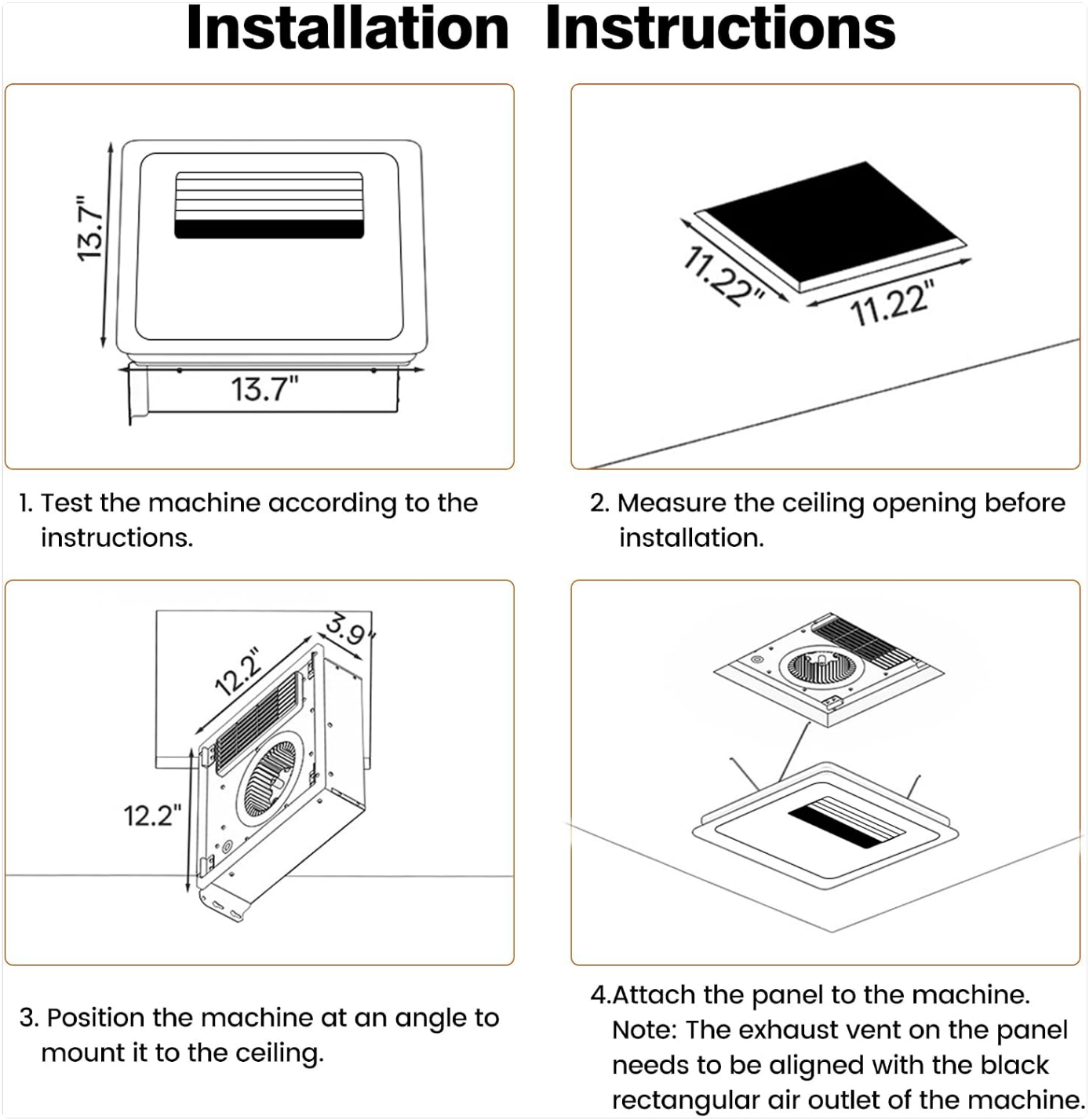


Image 2.1: Step-by-step visual guide for installing the Oeukas BF-2 fan.



Image 2.2: Product dimensions and ceiling opening requirements for installation.

2.3 Wiring Connections

Ensure correct wiring connections for safe operation. Always unplug the power before connecting terminals.

- **White wire:** Neutral wire (N)
- **Green wire:** Ground wire (G)
- **Black wire:** Live wire (L)



Image 2.3: Wiring diagram and connection instructions.

2.4 Installation Video Guide

For a visual guide on the installation process, please refer to the official video below.

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Video 2.1: Official installation guide for the Oeukas Bathroom Exhaust Fan with Heater. This video demonstrates the steps required to properly install the unit in a bathroom ceiling.

3. Operating Instructions

The Oeukas BF-2 fan is operated using the included wall-mounted remote control. Familiarize yourself with the remote's functions for optimal use.

3.1 Remote Control Functions



Image 3.1: The wall-mounted remote control for the Oeukas BF-2 fan.



Image 3.2: Explanation of each button on the remote control.

- **Lamp:** Press to turn the LED lights on or off.
- **Fan:** When activated, the exhaust function will automatically engage to remove moist air from the bathroom.
- **Dehumidify:** Pressing this button will activate the ventilation and dehumidification function. It will run continuously for 30 minutes and then automatically shut down.
- **Ventilator:** When ventilator mode is activated, indoor and outdoor air exchange occurs. This function stops when the heating function is running and cannot be operated simultaneously.
- **Heat:** Activates the warm air function. The fan function will automatically activate with the heater. After turning off the warm air function, the fan will continue to run for 30 seconds to dissipate residual heat.
- **Standby:** Press to turn off all functions except for the lighting function.

3.2 Fan Operation (190 CFM, 1.0 Sone)

The fan provides 190 CFM (Cubic Feet per Minute) of airflow, effectively removing steam, odors, and excess moisture. It operates at an ultra-quiet 1.0 Sone level, ensuring minimal noise disruption.



Image 3.3: Illustration of 190 CFM airflow for effective ventilation.



Image 3.4: Visual representation of the fan's quiet 1.0 Sone operation.

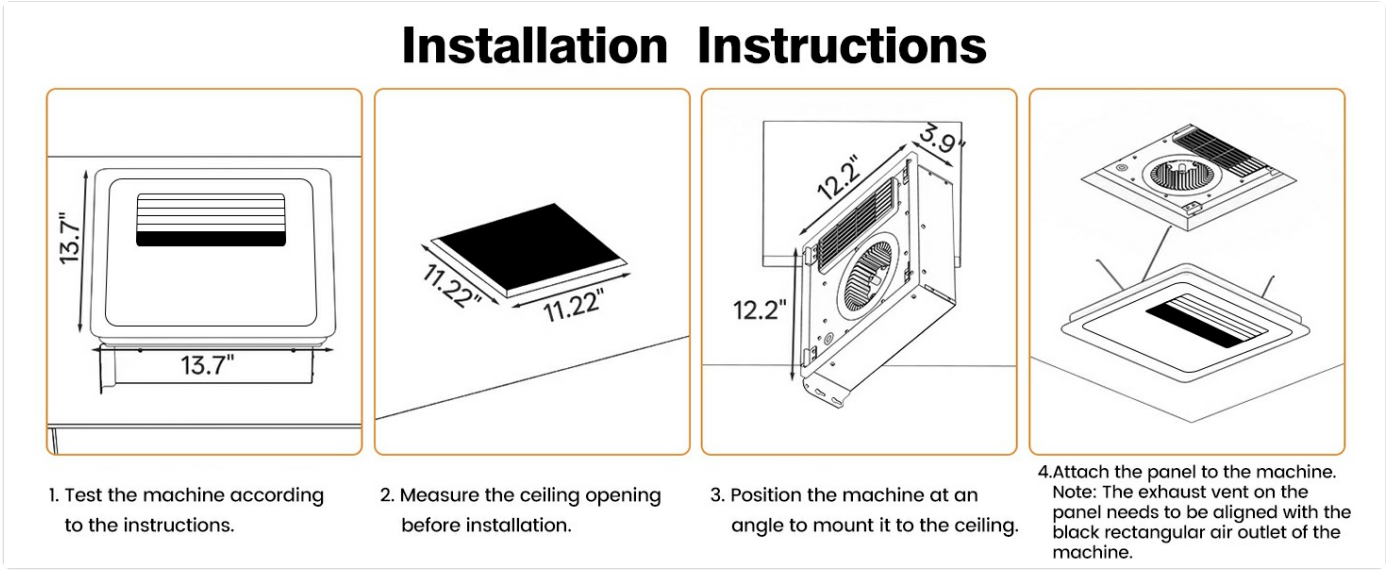


Image 3.5: Detailed view of the fan's quiet and powerful performance.

3.3 Heating Function (1800W)

The integrated 1800W heater quickly warms your bathroom, providing comfort during colder periods. Remember that the fan will continue to run for 30 seconds after the heater is turned off to cool down the element.



Image 3.6: Illustration of the 1800W heating system in action.

3.4 Lighting Function (1500lm LED)

The unit features a bright 1500lm LED light, providing ample illumination for your bathroom. It also includes 5 color RGB light options for ambiance.



Image 3.7: The 1500lm LED light providing bright illumination.



Image 3.8: The 5-color RGB light feature for customizable ambiance.

4. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Oeukas BF-2 bathroom exhaust fan. Always disconnect power before performing any maintenance.

4.1 Cleaning the Unit

- **Exterior Cleaning:** Wipe the exterior surfaces of the fan and light cover with a soft, damp cloth. Do not use abrasive cleaners, solvents, or spray directly onto the unit.
- **Grille Cleaning:** The grille can be removed for easier cleaning. Gently pull down the grille to detach it. Wash with mild soap and water, rinse thoroughly, and allow it to dry completely before reattaching.
- **Internal Cleaning:** Periodically, inspect the fan blades and motor housing for dust and debris. Use a vacuum cleaner with a brush attachment to carefully remove any buildup. Avoid touching electrical components.

4.2 Filter Maintenance

While this unit does not contain user-replaceable filters, keeping the intake and exhaust vents clear of obstructions is important for efficient airflow.

5. Troubleshooting

If you encounter issues with your Oeukas BF-2 fan, refer to the following common problems and solutions before contacting support.

Problem	Possible Cause	Solution
Unit does not power on.	◦ Loose wiring connections. ◦ Power supply issue. ◦ Circuit breaker tripped.	◦ Ensure all connectors are securely reattached. Match wire colors: Green to green, white to white, black to black. ◦ Replug the power cord. ◦ Check your home's circuit breaker and reset if necessary. ◦ **Always unplug the power before connecting terminals.**
Fan is noisy or vibrating.	◦ Loose mounting screws. ◦ Debris in fan blades. ◦ Ductwork obstruction.	◦ Ensure the unit is securely mounted to the ceiling. ◦ Disconnect power and carefully clean fan blades. ◦ Check ductwork for any blockages.
Heater not producing warm air.	◦ Heating element malfunction. ◦ Insufficient power.	◦ Ensure the 'Heat' function is activated on the remote. ◦ Verify power supply is stable. If problem persists, contact support.
Light not working.	◦ LED light malfunction. ◦ Power issue.	◦ Ensure the 'Lamp' function is activated on the remote. ◦ Check power connections. If problem persists, contact support.

6. Specifications

Brand	Oeukas
Model Name	Bathroom Exhaust Fan
Model Number	BF-2
Power Source	AC
Voltage	110 volts
Wattage	1840 watts (Total, including heater)
Heating Power	1800W
Fan Air Flow Capacity	190 CFM
Noise Level	1.0 Sone
LED Light Output	1500 lumens
Product Dimensions (D x W x H)	4.7"D x 13.78"W x 13.78"H
Ceiling Opening Requirements	11.22" x 11.22"
Max Coverage Area	200 Sq Ft
Mounting Type	Ceiling Mount
Control Method	Remote
Installation Type	Hardwired
Included Components	Light Kit, Remote
Certifications	UL Listed

7. Warranty Information

The Oeukas BF-2 Bathroom Exhaust Fan with Light and Heater comes with a**1-Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, accident, misuse, abuse, or unauthorized modifications.
Please retain your proof of purchase for warranty claims.

8. Customer Support

If you have any questions, require technical assistance, or need to make a warranty claim, please contact Oeukas customer support.

- **Online Support:** Visit the official Oeukas website for FAQs and support resources.
- **Email:** For assistance, please refer to the contact information provided in your product packaging or on the official Oeukas website.

When contacting support, please have your model number (BF-2) and proof of purchase ready.

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