Oeukas BF-191

Oeukas BF-191 4-in-1 Bathroom Exhaust Fan with Light and Heater

Instruction Manual

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Oeukas BF-191 4-in-1 Bathroom Exhaust Fan with Light and Heater. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.



Image: The Oeukas BF-191 4-in-1 Bathroom Exhaust Fan, showing its sleek white grille and integrated light, designed for ceiling installation.

Safety Information

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

- **Read all instructions:** Familiarize yourself with the product before installation and use.
- **Electrical Safety:** Ensure the power supply is disconnected at the circuit breaker before installation or servicing. All wiring must comply with local electrical codes and standards. This unit is UL-certified for safety.
- **Proper Grounding:** The unit must be properly grounded to prevent electrical shock.
- **Installation Location:** Install the fan in a ceiling location where it will not be exposed to direct water spray. Ensure adequate clearance for proper ventilation.
- **Ducting:** Use appropriate ducting materials and ensure all connections are sealed to prevent air leakage.
- **Maintenance:** Only perform maintenance as described in this manual. Refer all other servicing to qualified personnel.

Product Features

The Oeukas BF-191 is a versatile 4-in-1 bathroom appliance designed to enhance comfort and air quality.

- **High Performance Ventilation:** Provides 190 CFM (Cubic Feet per Minute) airflow to effectively remove steam, odors, and excess moisture from your bathroom.
- **Powerful 1800W Heating:** Quickly warms your bathroom space, offering comfort during colder periods.
- **Bright LED Illumination:** Features a 1500lm LED light for clear and energy-efficient lighting.
- **Ultra-Quiet Operation:** Operates at a low 1.0 Sone level, ensuring minimal noise disruption.
- **Convenient Remote Control:** Allows for easy adjustment of all functions from anywhere in the room.
- **UL Listed:** Certified for safety and quality standards.



Image: A visual comparison showing a bathroom filled with steam and odors (Before) versus a clear, fresh bathroom after using the powerful ventilation system (After).



Image: A diagram illustrating the 1800W heating system, showing warm air distribution from the ceiling unit downwards into the bathroom space.



Image: An illustration highlighting the 1.0 Sone silent operation, comparing its low noise level to common sounds like 'wee hours' (10dB) and 'speaking' (90dB).



Image: A bathroom illuminated by the 1500LM LED light from the ceiling unit, demonstrating its bright and clear lighting capability.

Specifications



Image: A diagram showing the product dimensions (13.7"W x 13.7"L x 6.7"H) and the required ceiling opening (11.22" x 11.22") for installation, along with the maximum coverage area of 200 sq ft.

Attribute	Detail
Brand	Oeukas
Model Number	BF-191
Special Features	1800W Heating Power, 190 CFM Exhaust Fan, LED Light, Ventilation
Color	White
Power Source	AC
Product Dimensions (D x W x H)	6"D x 13.78"W x 13.78"H
Recommended Use	Ventilating
Mounting Type	Ceiling Mount

Room Type	Bathroom
Heat Output	1800 watts
Voltage	110 volts
Item Weight	9.5 pounds
Included Components	Remote Control

Setup and Installation

Follow these steps for proper installation of your Oeukas BF-191 unit. Professional installation is recommended for electrical work.

1. **Prepare the Area:** Disconnect power at the circuit breaker. Measure and mark the ceiling opening according to the specifications (11.22" x 11.22"). Ensure there is a minimum 11-inch roof-to-ceiling clearance.
2. **Mount the Unit:** Position the machine at an angle to insert it into the ceiling opening. Secure the unit to the ceiling joists using appropriate fasteners.
3. **Connect Ducting:** Fit the air duct over the exhaust outlet on the unit and secure it with tape and a metal clamp. Ensure a tight seal.
4. **Electrical Connection:** Connect the electrical wiring according to local codes. Ensure proper grounding.
5. **Attach Panel:** Attach the decorative panel to the machine, ensuring the exhaust vent on the panel aligns with the rectangular air outlet of the machine.
6. **Remote Control Setup:** Mount the remote control base on the wall in a convenient location.

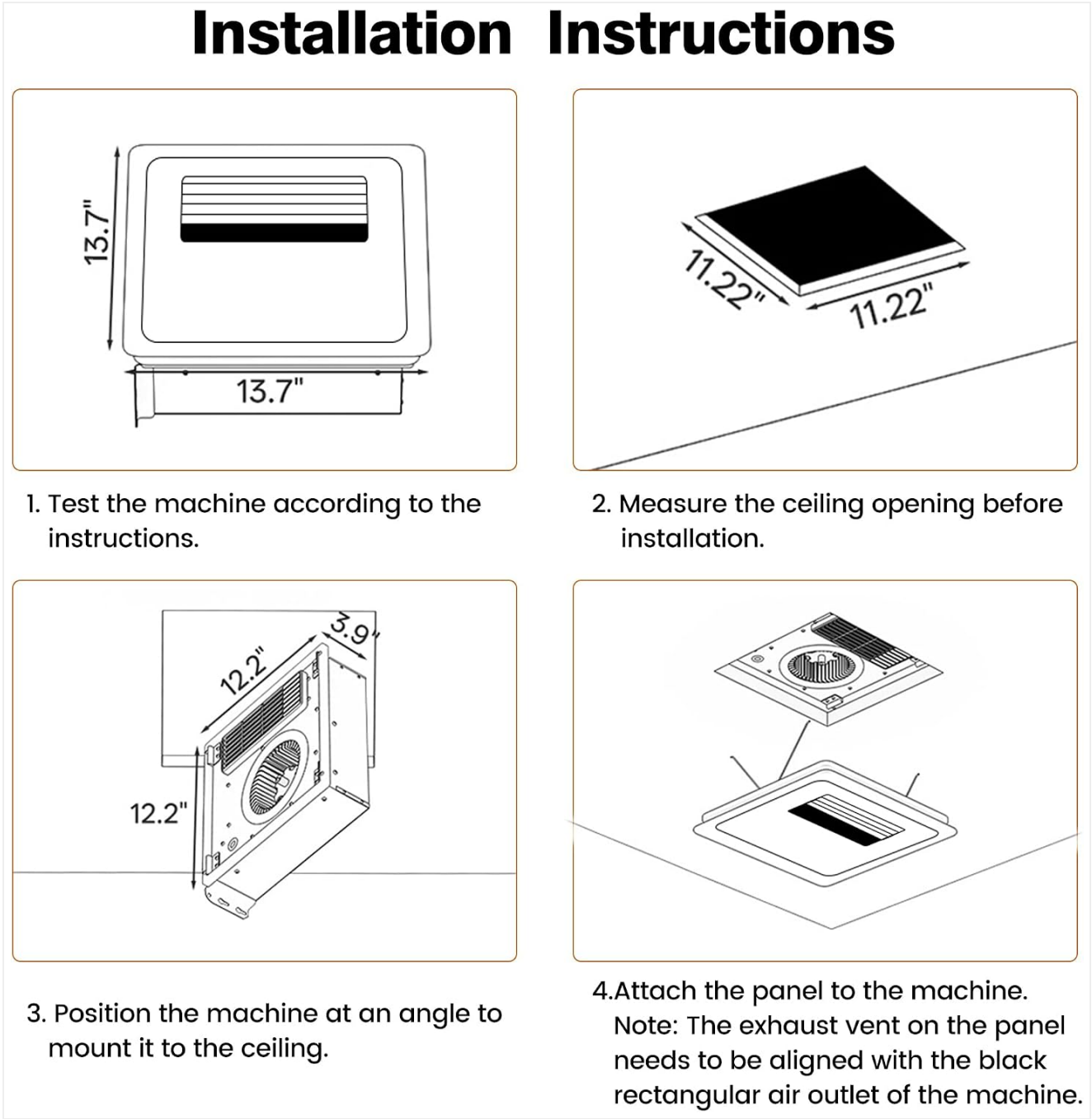


Image: A four-panel diagram illustrating the installation process: 1. Testing the machine, 2. Measuring the ceiling opening, 3. Positioning the machine for mounting, and 4. Attaching the panel to the machine.

Your browser does not support the video tag.

Video: An official product video demonstrating the installation process of the Oeukas 4-in-1 Bathroom Exhaust Fan, including duct connection and mounting.

Operating Instructions

The Oeukas BF-191 is operated using the included wall-mounted remote control. Familiarize yourself with the remote's functions:



Image: The wall-mounted remote control, showing buttons for Lamp, Fan, Dehumidify, Ventilator, Heat, and Standby, along with instructions for mounting its base.



Image: A detailed diagram of the remote control, explaining the function of each button: Lamp (lights on/off), Fan (exhaust function),

Dehumidify (ventilation and dehumidification for 30 mins), Ventilator (indoor/outdoor air exchange, stops if heating is active), Heat (warm air function, fan activates, turns off after 30 seconds residual heat dissipation), and Standby (turns off all functions except lighting).

- **Lamp:** Press to turn the LED light on or off.
- **Fan:** Activates the exhaust function to remove moist air and odors.
- **Dehumidify:** Initiates a 30-minute cycle of ventilation and dehumidification, then automatically shuts off.
- **Ventilator:** Engages the indoor and outdoor air exchange function. This function cannot operate simultaneously with the heating function.
- **Heat:** Activates the 1800W warm air function. The fan will automatically run to distribute heat and continue for 30 seconds after the heat function is turned off to dissipate residual heat.
- **Standby:** Turns off all active functions except for the lighting.

Maintenance

Regular maintenance ensures optimal performance and longevity of your unit.

- **Power Disconnection:** Always disconnect power at the circuit breaker before performing any maintenance.
- **Cleaning the Grille:** Wipe the exterior grille with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Cleaning the Fan Blades:** Periodically, the fan blades may accumulate dust. Carefully remove the grille and gently clean the fan blades with a soft brush or cloth. Ensure no moisture enters electrical components.
- **Ducting Inspection:** Annually inspect the ducting for any blockages or damage.
- **Light Replacement:** The LED light is designed for long life. If replacement is needed, contact customer support for guidance.

Troubleshooting

If you encounter issues with your Oeukas BF-191, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on	No power supply; loose wiring connection; circuit breaker tripped.	Check circuit breaker. Ensure all wiring connections are secure (refer to wiring diagram). Replug the power cord.
Fan is noisy	Loose mounting; debris in fan blades; motor issue.	Ensure unit is securely mounted. Clean fan blades. If noise persists, contact support.
Poor ventilation	Blocked ducting; improper duct size; fan motor issue.	Check ducting for obstructions. Ensure ducting is correctly sized and installed.
Heater not working	Heating element failure; power issue.	Ensure power is supplied. If other functions work, contact support for heating element inspection.
Remote control not responding	Dead batteries; remote out of range; interference.	Replace remote batteries. Ensure remote is within operating range.

Wiring Connection Guide

If the unit does not power on when plugged in, ensure all connectors are securely reattached. Match wire colors: Green to green (Ground), White to white (Neutral), Black to black (Live). Always unplug the power before connecting terminals.



Image: A close-up view of electrical wiring connections, showing green (Ground), white (Neutral), and black (Live) wires, with a warning to unplug power before connecting terminals.

Warranty and Support

For warranty information or technical support, please contact Oeukas customer service. Keep your purchase receipt as proof of purchase.

Brand: Oeukas

For further assistance, please visit the official Oeukas website or contact their customer support channels.

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