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VIVOSUN Z4

VIVOSUN Z4 4 Inch Inline Duct Fan Instruction Manual

MODEL: Z4

1. INTRODUCTION

The VIVOSUN Z4 4 Inch Inline Duct Fan is designed to provide efficient and quiet ventilation for various indoor environments. This manual provides essential information for the safe and effective installation, operation, and maintenance of your inline duct fan. Please read all instructions carefully before use. Key features include energy-efficient ventilation with 203 CFM airflow, quiet operation at 49 dB, and an adjustable speed controller for precise airflow management. Its easy-to-install design and versatile applications make it suitable for grow tents, indoor gardens, and other ventilation needs.

2. PRODUCT FEATURES

- Energy-Efficient Ventilation:** This blower with a fan speed of 2500 RPM creates an air flow of 203 CFM. It combines the features of both axial and centrifugal fans to achieve optimal ventilation.
- Quiet Operation:** The sturdy leather can reduce sound or vibration. Tight and precise construction eliminates rattling. The centrifugal impeller provides powerful airflow and has a low noise of 49 dB.
- Adjustable Speed:** This centrifugal fan is equipped with a stepless speed controller to enable the fan to run at different speeds. You can adjust it to the desired airflow level.
- Easy to Install:** This duct fan comes with a mounting bracket that the fan can be lifted by rope hangers. Quick installation and easy maintenance by simply removing the locking duct ends.
- Versatile Applications:** Ideal for air cleaning and temperature control in industrial, home and garden planting ventilation applications.

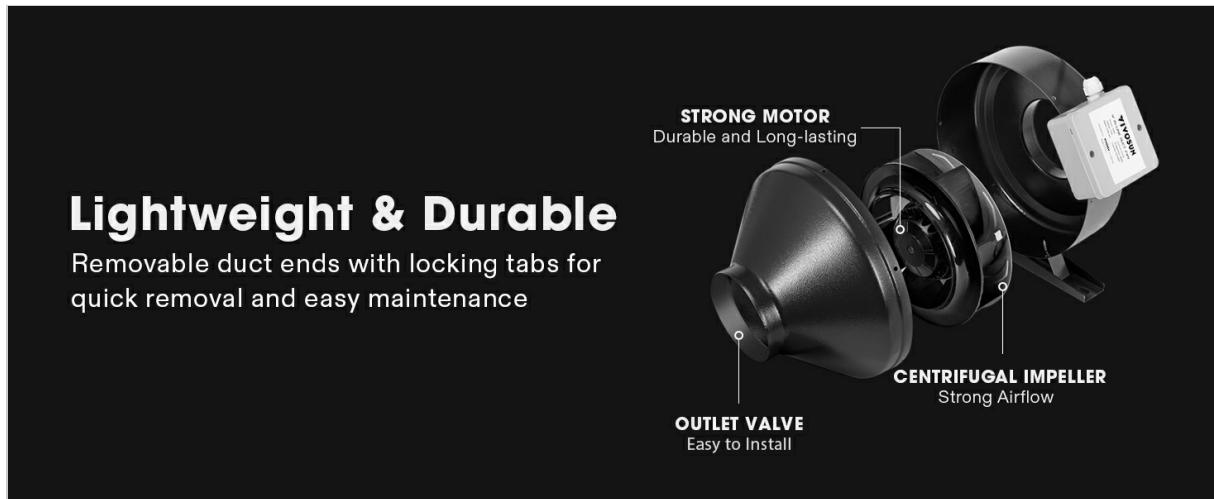


Image: Illustration of the VIVOSUN Z4 Inline Duct Fan demonstrating powerful air flow for effective circulation.

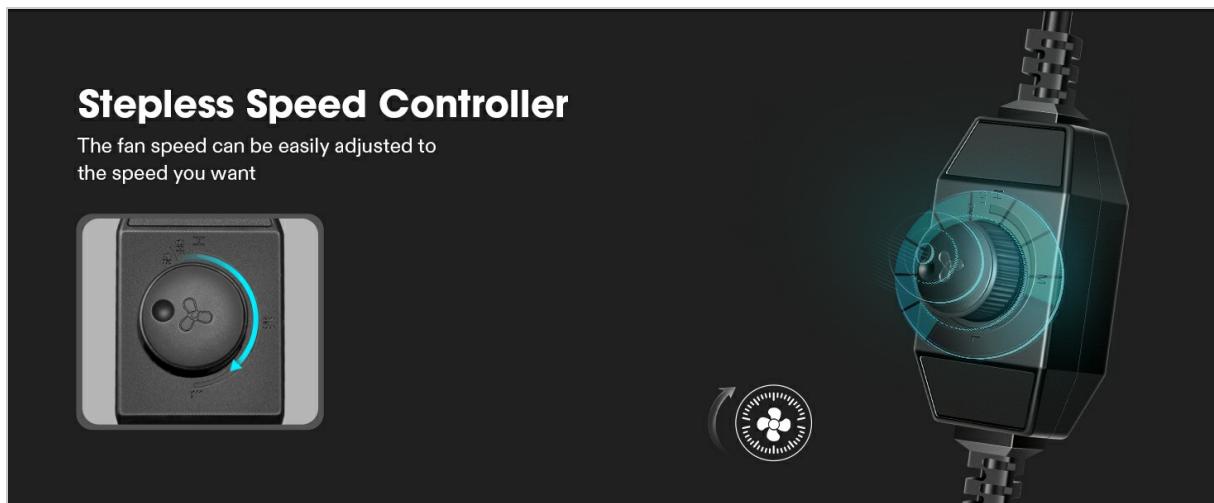


Image: Diagram illustrating the low noise level of the VIVOSUN Z4 Inline Duct Fan at 49 dB, comparable to quiet environments.

3. SETUP AND INSTALLATION

The VIVOSUN Z4 Inline Duct Fan is designed for straightforward installation. Follow these general guidelines:

- 1. Choose Location:** Select a suitable location for the fan, typically within the ducting system of your grow tent or ventilation setup. Ensure it is easily accessible for maintenance.
- 2. Mounting:** Utilize the provided mounting bracket to secure the fan. The bracket allows for various mounting options, including hanging with rope hangers or screwing directly to a stable surface.
- 3. Duct Connection:** Connect appropriate 4-inch ducting to both the inlet and outlet of the fan. Ensure all connections are secure and airtight to maximize efficiency and prevent air leaks.
- 4. Power Connection:** Plug the fan's power cord into a standard electrical outlet.



Powerful Air Flow

This powerful blower with a fan speed of 2500 RPM can create 203 CFM of air flow

Image: Exploded view of the VIVOSUN Z4 Inline Duct Fan showing its strong motor, centrifugal impeller, and easy-to-install outlet valve.

4. OPERATING INSTRUCTIONS

The VIVOSUN Z4 Inline Duct Fan features a variable speed controller for precise airflow adjustment.

- Power On/Off:** Once connected to power, the fan will operate. To turn off, unplug the unit.
- Adjust Speed:** Use the stepless speed controller to increase or decrease the fan's RPM. Turn the dial clockwise to increase speed and counter-clockwise to decrease it. Adjust the speed to achieve the desired airflow for your specific application.



Image: Close-up of the stepless speed controller for the VIVOSUN Z4 Inline Duct Fan, showing the dial for adjusting fan speed.

Video: An official VIVOSUN video demonstrating the features and operation of the VIVOSUN Inline Fan, including its adjustable speed and quiet performance.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your VIVOSUN Z4 Inline Duct Fan.

- Cleaning:** Periodically inspect the fan blades and housing for dust and debris accumulation. Disconnect power before cleaning. Use a soft cloth or brush to gently remove any buildup.
- Duct Inspection:** Check ducting for any blockages, tears, or loose connections that could impede airflow.
- Motor:** The fan motor is designed for long-lasting operation and typically does not require lubrication.

6. TROUBLESHOOTING

If you encounter issues with your VIVOSUN Z4 Inline Duct Fan, refer to the following common troubleshooting steps:

- **Fan Not Turning On:** Ensure the power cord is securely plugged into a functional electrical outlet. Check for any tripped circuit breakers.
- **Reduced Airflow:** Inspect the ducting for kinks, blockages, or loose connections. Clean the fan blades if excessive dust or debris is present.
- **Unusual Noise:** Verify that the fan is securely mounted and not vibrating against any surfaces. Check for any foreign objects inside the fan housing or ducting.

7. SPECIFICATIONS

Detailed specifications for the VIVOSUN Z4 4 Inch Inline Duct Fan:



Image: Graphic displaying key specifications for the VIVOSUN Z4 Inline Duct Fan, including duct size, airflow, fan speed, current, noise level, and power cord length.

Specification	Value
Brand	VIVOSUN
Model Name	Z4
Duct Size	4 Inches
Air Flow Capacity	203 Cubic Feet Per Minute (CFM)
Speed	2500 RPM
Noise Level	49 Decibels
Wattage	68 watts
Voltage	5 Volts
Product Dimensions	9.3"D x 9.7"W x 4"H
Item Weight	8.1 Pounds
Power Source	Corded Electric
Included Components	Cord

8. VERSATILE APPLICATIONS

The VIVOSUN Z4 Inline Duct Fan is highly versatile and can be used in a variety of settings to improve air quality and temperature control:

- **Grow Tents:** Essential for maintaining optimal temperature and humidity, and for exhausting stale air.
- **Greenhouses:** Helps regulate climate and ensures proper air circulation for plant health.
- **Indoor Gardens:** Supports plant growth by providing fresh air and removing excess heat.
- **Basements:** Can be used to reduce humidity and eliminate musty odors.
- **Kitchens:** Assists in exhausting cooking fumes and improving air circulation.



Image: Collage showing various applications for the VIVOSUN Z4 Inline Duct Fan, including grow rooms, greenhouses, basements, and kitchens.

9. WARRANTY AND SUPPORT

VIVOSUN products are manufactured to high-quality standards. For warranty information, technical support, or any questions regarding your VIVOSUN Z4 Inline Duct Fan, please refer to the official VIVOSUN website or contact customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.