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> Ning Xiang AC220/230V MU1238A-51B Axial Cooling Fan User Manual

Ning Xiang MU1238A-51B

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Model: MU1238A-51B

User Manual

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Ning Xiang AC220/230V MU1238A-51B Axial Cooling Fan. Please read this manual thoroughly before using the product and retain it for future reference.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the product:

- Ensure the power supply matches the fan's specified voltage (AC220/230V). Incorrect voltage can cause damage or electrical hazard.
- Disconnect power before installation, cleaning, or maintenance.
- Do not insert fingers or objects into the fan blades while the fan is operating or connected to power.
- Install the fan in a well-ventilated area, away from moisture, excessive heat, or flammable materials.
- This product is designed for cooling electronic components. Do not use it for purposes other than its intended use.

PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- 1 x Ning Xiang AC220/230V MU1238A-51B Axial Cooling Fan

- Note: No other accessories are included as per product specifications.

PRODUCT OVERVIEW

The Ning Xiang MU1238A-51B is a 12cm (12038) axial cooling fan designed for AC220/230V applications. It features a 2-pin power connector and operates at 14/16W, providing efficient airflow for various electronic and industrial cooling needs. The fan's frame is constructed from durable material, and its blades are designed for optimal air movement.



Figure 1: Front view of the Ning Xiang MU1238A-51B Axial Cooling Fan. The image displays the fan's square silver frame and four black fan blades, with the central hub secured by three screws.

SPECIFICATIONS

Parameter	Value
Model	MU1238A-51B
Voltage	AC220/230V
Wattage	14/16W
Size	120x120x38mm (12cm)
Power Connector Type	2-Pin
Noise Level	51 Decibels
Material	Copper (internal components)
Manufacturer	Ning Xiang

SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Power Disconnection:** Ensure the power supply to the device where the fan will be installed is completely disconnected.
2. **Mounting:** Position the fan in the desired location, ensuring proper airflow direction. The fan typically has mounting holes on its frame. Secure the fan using appropriate screws (not included).
3. **Connection:** Connect the fan's 2-pin power connector to the corresponding AC220/230V power source. Ensure the connection is secure and correctly polarized if applicable.
4. **Verification:** Double-check all connections and mounting. Ensure no cables obstruct the fan blades.
5. **Power On:** Restore power to the device and verify the fan operates smoothly without unusual noises or vibrations.

***Important:** If you are unsure about electrical connections, consult a qualified electrician or technician.*

OPERATING INSTRUCTIONS

The Ning Xiang MU1238A-51B axial cooling fan is designed for continuous operation once properly installed and connected to a compatible power source. It will begin to rotate and provide airflow immediately upon receiving power.

- **Airflow Direction:** Observe the arrows on the fan frame (if present) to determine the direction of airflow and rotation. Install the fan to push or pull air as required by your cooling application.
- **Monitoring:** Periodically check the fan's operation to ensure it is running smoothly and effectively cooling the target components.

MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your cooling fan:

- **Cleaning:** Periodically disconnect power and gently clean the fan blades and frame to remove dust and debris. Use a soft brush or compressed air. Avoid using liquids directly on the fan.
- **Inspection:** Inspect the fan blades for any signs of damage or obstruction. Check power cables for wear or fraying.
- **Lubrication:** This fan is typically designed with sealed bearings that do not require user lubrication. Do not attempt to lubricate the fan unless specifically instructed by the manufacturer.

TROUBLESHOOTING

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

Problem	Possible Cause & Solution
Fan does not start	<ul style="list-style-type: none">◦ No power: Check if the power supply is connected and active.◦ Incorrect voltage: Ensure the power supply is AC220/230V.◦ Loose connection: Verify the 2-pin connector is securely attached.◦ Obstruction: Check for any objects blocking the fan blades.
Fan makes unusual noise	<ul style="list-style-type: none">◦ Dust/debris: Clean the fan blades and housing.◦ Loose mounting: Ensure the fan is securely mounted.◦ Blade obstruction: Check for anything touching the blades.◦ Bearing issue: If noise persists after cleaning and checking for obstructions, the fan may need replacement.
Reduced airflow	<ul style="list-style-type: none">◦ Dust buildup: Clean the fan blades and grilles.◦ Obstruction: Ensure nothing is blocking the intake or exhaust.

WARRANTY AND SUPPORT

This product is manufactured by Ning Xiang. For specific warranty information or technical support, please refer to the retailer or manufacturer's official website. Keep your purchase receipt as proof of purchase.

For general inquiries, you may contact the seller through the platform where the product was purchased.