

Wathai AC17251B110V

Wathai AC 110V-120V Axial Fan (Model AC17251B110V) User Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Wathai AC 110V-120V Axial Fan. Please read this manual thoroughly before installation and use, and retain it for future reference.

1.1 Safety Information

- Ensure the power supply matches the fan's voltage (110V-120V AC).
- Do not operate the fan with damaged cords or plugs.
- Keep fingers and other objects away from the fan blades during operation.
- Install fan grills on both sides for safety, especially in accessible areas.
- This fan is not designed for underwater operation; it is intended for daily moisture-proof use.
- Disconnect power before performing any maintenance or installation.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Wathai AC Axial Fan (172mm x 150mm x 51mm)
- 2 x Metal Fan Grills
- 1 x Power Plug (59 inches)
- 1 x Wiring Head
- 8 x Mounting Screws & Nuts

Fan and Accessories

1 Piece fan

2 fan grill

1 Wiring head

1 Power Plug(59 inches)

8 x mounting screws & nuts

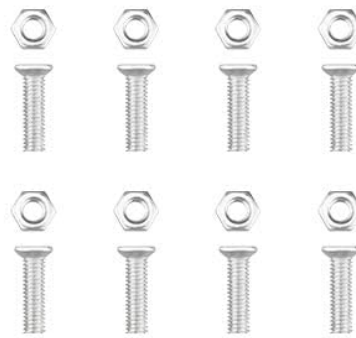
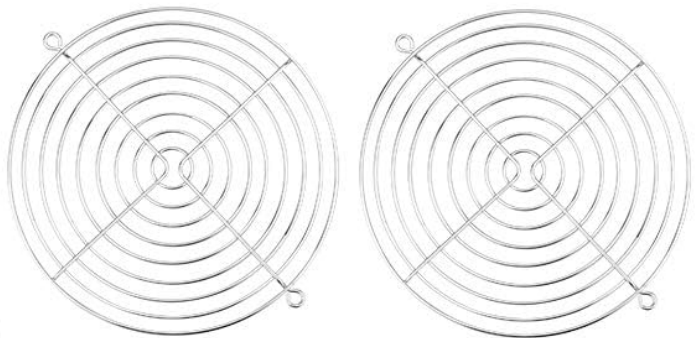


Image: Wathai AC Axial Fan with included accessories: fan, two metal grills, power plug, wiring head, and mounting hardware.

3. SPECIFICATIONS

Feature	Value
Model Number	AC17251B110V
Dimensions	172mm x 150mm x 51mm (6.77"L x 6"W x 2"H)
Rated Voltage	110V-120V AC
Frequency	60 Hz
Speed	2700 RPM
Airflow	238 CFM
Current	0.46A
Power	32W

Feature	Value
Noise Level	50 dBA
Bearing Type	Dual-ball bearings
Bearing Lifespan	50,000 hours
Material	Metal frame

Specifications

Dimensions: **172x151x51** mm (6.77x5.94x2.01 in)

Rated Voltage: 110V-120V

Frequency: 60 Hz

Speed: 2700RPM

Rated Current: 0.46A

Air Flow: 238CFM

Noise: 50dBA

Air Pressure (In H2O): 0.82



Image: Detailed specifications and dimensions of the Wathai AC Axial Fan.

4. SETUP

4.1 Mounting

The fan features a robust metal frame with pre-drilled holes for easy mounting. Use the provided screws and nuts to secure the fan in your desired location. The dual-ball bearings allow for flexible mounting, either flat or upright, without affecting performance or lifespan.

Heavy metal frame

More durable fall resistant



Thickness: **0.25cm**



Image: Close-up of the fan's heavy metal frame, highlighting its durable construction.

Double ball

Dual-ball bearings rated at up to **50,000** hours allows the fans to be mounted flat or upright.



Image: Illustration of the dual-ball bearings, emphasizing their 50,000-hour lifespan and versatile mounting options.

Attach the metal fan grills to both sides of the fan using the provided hardware. This protects the fan blades and prevents accidental contact.

4.2 Electrical Connection

Connect the fan's power cable to the provided power plug and wiring head. Ensure a secure connection. Plug the power plug into a standard 110V-120V AC electrical outlet.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Once properly installed and connected to a power source, the fan will begin operating. To turn off the fan, disconnect it from the power outlet.

5.2 Airflow Direction

The fan is designed to move air in a specific direction. Arrows indicating airflow and rotation direction are typically

marked on the fan's housing. Ensure the fan is oriented correctly for your ventilation needs.

5.3 Speed Control

This Wathai AC Axial Fan operates at a fixed speed of 2700 RPM when connected to a 110V-120V / 60Hz power supply. Some Wathai fan models or accessories may offer variable speed control, but this specific model does not include an integrated speed controller.

6. APPLICATIONS

The Wathai AC Axial Fan is suitable for a variety of cooling, ventilation, and exhaust projects:

- Server rooms
- Garages
- Greenhouses
- Industrial machinery
- Arcade systems
- Generator boxes
- Chicken coops
- Basements and sheds

Applications

Popular uses include garage, greenhouse, server room, industrial machinery, arcade systems, and more.



Storage shed



Server room



Greenhouse



Garge



Image: Collage illustrating various applications for the Wathai AC Axial Fan, including server rooms, greenhouses, garages, and storage sheds.

6.1 Product in Use

Your browser does not support the video tag.

Video: Demonstration of a 172mm dual ball bearing fan with adjustable speed control, showcasing its operation and potential for various ventilation needs.

Your browser does not support the video tag.

Video: Overview of an AC cooling fan, highlighting its features and suitability for different cooling applications.

7. MAINTENANCE

7.1 Cleaning

Regularly inspect the fan and grills for dust and debris. Disconnect the fan from power before cleaning. Use a soft brush or compressed air to remove dust from the blades and housing. Do not use liquid cleaners directly on the fan motor.

7.2 Bearing Lifespan

The fan is equipped with high-quality dual-ball bearings designed for a long lifespan of up to 50,000 hours under normal operating conditions. No lubrication is required for these sealed bearings.

8. TROUBLESHOOTING

- **Fan not spinning:** Check if the power plug is securely connected to a live outlet. Ensure there are no obstructions preventing the blades from rotating.
- **Unusual noise:** Disconnect power and inspect the fan blades for any foreign objects. Ensure the fan is mounted securely and not vibrating against any surfaces.
- **Reduced airflow:** Clean any accumulated dust or debris from the fan blades and grills. Ensure the intake and exhaust paths are clear.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Wathai customer service through the retailer where the product was purchased or visit the official Wathai website. Please have your model number (AC17251B110V) and purchase details ready.

ASK A QUESTION ABOUT THIS MANUAL

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