

Wathai AC12038B110V

Wathai AC 12038 120mm x 38mm Cooling Axial Fan Instruction Manual

Model: AC12038B110V

INTRODUCTION

This manual provides essential information for the safe and efficient use of your Wathai AC 12038 Axial Cooling Fan. Please read these instructions carefully before installation and operation. Keep this manual for future reference.

SAFETY INFORMATION

- Ensure the power supply voltage matches the fan's rated voltage (110-120V AC) before connecting.
- Do not operate the fan with damaged cords or plugs.
- Keep fingers and other objects away from the fan blades during operation.
- Disconnect power before performing any maintenance or installation.
- Install the fan in a well-ventilated area, away from flammable materials.
- This fan is designed for cooling and ventilation purposes. Do not use it for unintended applications.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Wathai AC 12038 Axial Fan
- 2 x Fan Grills
- 4 x Mounting Screws & Nuts
- 1 x Power Plug (59 inches)
- 1 x Wiring Head

What's in the box

- Fan grill×2
- Screw nut×4
- Wiring head×1
- Fan×1
- Power plug×1



Image: Package contents showing the Wathai AC 12038 fan, two protective grills, four screws with nuts for mounting, a power plug, and a wiring head for connection.

SPECIFICATIONS



Image: A diagram illustrating the dimensions and technical specifications of the Wathai AC 12038 fan, including size, voltage, speed, airflow, and noise level.

Feature	Detail
Dimensions	120 x 120 x 38 mm (4.72 x 4.72 x 1.5 inches)
Voltage	110-120V AC
Bearings	Dual Ball
Lifespan	67,000 hours
Material	Metal
Power Connector	AC power plug

Feature	Detail
Weight	15.7 Ounces
At 50Hz:	
Speed	2600 RPM
Airflow	109 CFM
Current	0.35A
Power	25W
Noise	40 dBA
At 60Hz:	
Speed	2900 RPM
Airflow	118 CFM
Current	0.26A
Power	19W
Noise	41.6 dBA

SETUP

- Choose Mounting Location:** Select a suitable location for the fan, ensuring adequate space for airflow and access to a 110-120V AC power outlet. The fan can be mounted flat or upright.
- Attach Fan Grills:** Place the two fan grills on both sides of the fan. Align the holes on the grills with the mounting holes on the fan.
- Secure Mounting:** Use the provided screws and nuts to secure the fan and grills to your desired surface. Ensure the fan is firmly attached to prevent vibration and movement during operation.
- Connect Power:** The fan comes with a power plug and a separate wiring head. Connect the fan's wires to the wiring head, ensuring a secure connection. Then, connect the wiring head to the power plug.
- Plug In:** Insert the power plug into a standard 110-120V AC electrical outlet.

SPECIFICATION

Item Size: 4.72 x 4.72 x 1.5 in

Noise: 44 dBA

Bearings: Dual Ball

Static Pressure: 0.31 In H₂O

Voltage: 110 to 120V AC

Airflow: 87 CFM

Speed: 2800 RPM

Power: 26 Watt

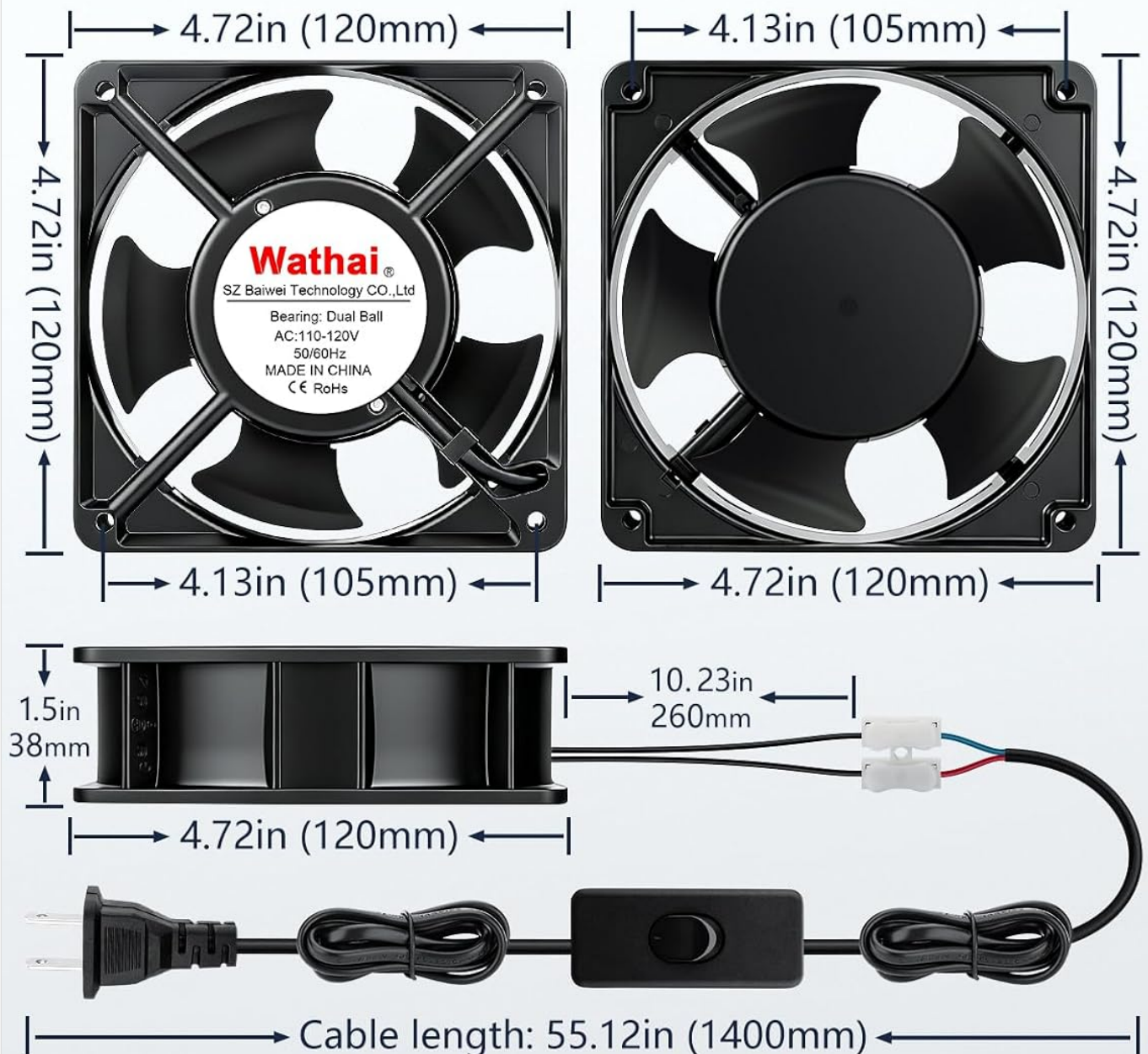


Image: Front view of the Wathai AC 12038 fan, highlighting its 120mm x 120mm dimensions, suitable for various cooling and ventilation projects.

Your browser does not support the video tag.

Video: A short demonstration of the Wathai AC fan, showcasing its application in DIY cooling projects and general ventilation setups.

OPERATING INSTRUCTIONS

The Wathai AC 12038 fan is designed for straightforward operation.

1. **Power On:** Once the fan is securely mounted and connected to a 110-120V AC power source, locate the inline power switch on the power cord.
2. **Activate Fan:** Flip the switch to the 'ON' position to start the fan. The fan will begin to rotate and move air.
3. **Power Off:** To stop the fan, flip the switch to the 'OFF' position.

Dual Ball

Precision-engineered for a 50,000-hour lifespan. Delivers consistent cooling performance and long-term stability for all your equipment.



Image: The Wathai AC 12038 fan featuring an inline ON/OFF switch on its power cord, simplifying operation for various applications like smoke and odor extraction.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Wathai fan.

- **Cleaning:** Periodically clean the fan blades and grills to prevent dust buildup, which can reduce airflow and efficiency. Use a soft, dry cloth or a low-pressure air duster. Ensure the fan is unplugged before cleaning.
- **Bearing Inspection:** The fan uses dual ball bearings designed for a long lifespan (67,000 hours). No lubrication is typically required. If you notice unusual noises or reduced performance, inspect the bearings for any obstructions.
- **Cable Check:** Regularly inspect the power cord and plug for any signs of damage, fraying, or loose connections. Replace immediately if damage is found.

Effective Smoke & Odor Extraction

Features a built-in power switch for instant control. Keep your workspace air clean and clear with one click.



Image: An exploded view of the Wathai AC 12038 fan, emphasizing its dual ball bearing construction, which contributes to its extended lifespan and stable operation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan does not start	No power supply Power switch is OFF Loose wiring connection	Check if the power plug is securely inserted into a live outlet. Ensure the inline power switch is in the 'ON' position. Verify all wiring connections are secure.
Reduced airflow	Dust buildup on blades/grills Obstruction near fan	Unplug the fan and clean blades and grills. Remove any objects blocking the fan's intake or exhaust.
Unusual noise/vibration	Loose mounting screws Foreign object in fan Bearing issue	Tighten all mounting screws. Unplug and carefully inspect for foreign objects. Remove if found. If noise persists, contact customer support.

WARRANTY

Wathai products are manufactured to high-quality standards. This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. Specific warranty duration and terms may vary by region and retailer. For detailed warranty information, please refer to the documentation provided with your purchase or contact Wathai customer support.

SUPPORT

If you encounter any issues not covered in this manual or require further assistance, please contact Wathai customer support. You can typically find contact information on the product packaging, the official Wathai website, or through your retailer. For more information, visit the [Wathai Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question