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> XIAOMI Mi Air Purifier 2S AC-M4-AA User Manual

## XIAOMI AC-M4-AA

# XIAOMI Mi Air Purifier 2S AC-M4-AA User Manual

Model: AC-M4-AA

## 1. INTRODUCTION AND OVERVIEW

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The Xiaomi Mi Air Purifier 2S AC-M4-AA is designed to improve indoor air quality by efficiently filtering out pollutants. This intelligent air purifier is suitable for rooms up to 37m<sup>2</sup> and features a Clean Air Delivery Rate (CADR) of 310m<sup>3</sup> per hour. It offers smart connectivity for app control and integrates with voice assistants for convenient operation, providing real-time air quality monitoring via its OLED display.

## 2. PRODUCT FEATURES

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- European Version for compliance with regional standards.
- Smart air purifier with Wi-Fi connectivity and mobile app control (Mi Home app).
- Effective for rooms up to 37m<sup>2</sup> (approximately 398 sq ft).
- High air purification capacity of 310m<sup>3</sup>/h CADR.
- Integrated OLED display for real-time air quality (PM2.5), temperature, humidity, and filter status.
- Equipped with a high-efficiency HEPA filter for comprehensive air purification.
- Low noise operation, especially in Night Mode (as low as 32 dB).
- Voice control compatibility with supported smart home platforms.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- Xiaomi Mi Air Purifier 2S (AC-M4-AA)
- Power Cable
- User Manual
- HEPA Filter (pre-installed or separately packaged)

## 4. SAFETY INSTRUCTIONS

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To ensure safe operation and prevent damage, please read and follow these safety guidelines:

- Always unplug the air purifier before cleaning, maintenance, or moving it.
- Do not block the air inlet or outlet vents. Maintain at least 20 cm (8 inches) clearance from walls and other objects.
- Use only the power adapter provided with the device. Ensure the voltage matches your local power supply.
- Do not operate the air purifier in wet or humid environments, such as bathrooms. Keep it away from water and other liquids.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Do not insert fingers or foreign objects into the air inlet or outlet.
- Do not use the air purifier near heat sources, flammable gases, or volatile substances.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

## 5. SETUP

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Follow these steps to set up your Xiaomi Mi Air Purifier 2S:

1. **Unpack the Device:** Carefully remove the air purifier from its packaging. Remove any protective films or tapes.
2. **Install/Check Filter:** Open the filter compartment cover, usually located at the back or bottom of the unit. Ensure the HEPA filter is correctly seated and any plastic packaging around the filter is removed. Close the cover securely.
3. **Position the Purifier:** Place the air purifier on a flat, stable surface. Ensure there is at least 20 cm (8 inches) of clear space around all sides and above the unit for optimal air circulation.
4. **Connect Power:** Plug the power cable into the power port on the back of the purifier, then plug the other end into a suitable electrical outlet.
5. **Download Mi Home App:** Scan the QR code in the manual or search for "Mi Home" in your smartphone's app store (Google Play Store or Apple App Store). Download and install the app.
6. **Connect to App:** Open the Mi Home app, create an account or log in. Follow the in-app instructions to add your Xiaomi Mi Air Purifier 2S. This typically involves selecting the device, connecting to its temporary Wi-Fi hotspot, and then connecting it to your home Wi-Fi network (2.4GHz only).



Image: Front view of the Xiaomi Mi Air Purifier 2S, showing the main body and the circular OLED display.



Image: Top-down view of the Xiaomi Mi Air Purifier 2S, highlighting the fan grille and control buttons on the top surface.

## 6. OPERATING INSTRUCTIONS

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Your air purifier can be operated via the physical buttons on the unit or through the Mi Home app.

### 6.1. Using Physical Buttons

- **Power Button:** Press the power button on the top of the unit to turn the air purifier on or off.
- **Mode Button:** Press the mode button (often integrated with the power button or a separate button) to cycle through operating modes: Automatic, Night, and Manual.

### 6.2. Using the Mi Home App

The Mi Home app provides comprehensive control and monitoring features:

- **Remote Control:** Turn the purifier on/off, change modes, and adjust fan speed from anywhere.
- **Real-time Monitoring:** View current PM2.5 levels, temperature, and humidity in your room.
- **Scheduling:** Set schedules for the purifier to turn on/off or change modes automatically.
- **Filter Status:** Monitor the remaining lifespan of your filter and receive notifications when it's time for

replacement.

- **Settings:** Adjust display brightness, enable/disable sounds, and other device-specific settings.

### 6.3. Operating Modes

- **Automatic Mode:** The purifier intelligently adjusts its fan speed based on the real-time air quality detected by its sensors.
- **Night Mode:** Operates at the lowest fan speed with minimal noise and a dimmed OLED display to ensure undisturbed sleep.
- **Manual Mode:** Allows you to manually select a desired fan speed or purification intensity.

### 6.4. OLED Display Information

The circular OLED display provides key information at a glance:

- **PM2.5 Concentration:** Shows the current particulate matter level in  $\mu\text{g}/\text{m}^3$ .
- **Temperature:** Displays the ambient room temperature.
- **Humidity:** Shows the relative humidity level.
- **Wi-Fi Status:** Indicates connection status to your home network.
- **Operating Mode:** Shows the currently active purification mode.
- **Filter Lifespan:** Displays the remaining percentage of the filter's life.



Image: The Xiaomi Mi Air Purifier 2S positioned in a modern living room, demonstrating its compact design and how it blends with home decor.

## 7. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the lifespan of your air purifier.

### 7.1. Filter Replacement

The HEPA filter has a limited lifespan, typically 6-12 months, depending on usage and air quality. The Mi Home app and the OLED display will indicate when the filter needs replacement.

1. **Unplug the Purifier:** Always disconnect the power before replacing the filter.
2. **Open Filter Compartment:** Locate and open the filter compartment cover (usually at the back or bottom).
3. **Remove Old Filter:** Carefully pull out the used filter. Dispose of it according to local regulations.
4. **Insert New Filter:** Place a new, genuine Xiaomi HEPA filter into the compartment, ensuring it is correctly oriented and seated.
5. **Close Cover:** Securely close the filter compartment cover.
6. **Reset Filter Lifespan:** After replacement, open the Mi Home app and follow the prompts to reset the filter lifespan counter. This ensures accurate tracking of the new filter's usage.



Image: Rear view of the Xiaomi Mi Air Purifier 2S, illustrating the location of the filter compartment cover for maintenance.

## 7.2. Cleaning the Purifier

- **Exterior Cleaning:** Wipe the exterior surfaces of the air purifier with a soft, dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Air Inlet/Outlet Grilles:** Use a soft brush or a vacuum cleaner with a brush attachment to gently clean dust and debris from the air inlet and outlet grilles.
- **Laser Particle Sensor:** Periodically clean the laser particle sensor, usually located on the back of the unit. Refer to the detailed manual or Mi Home app for specific instructions on how to access and clean this sensor, as it is crucial for accurate air quality readings.

## 8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Device does not power on	Power cable not connected; Filter compartment not closed properly; Power outlet issue.	Ensure power cable is securely plugged in. Close the filter compartment cover completely. Test the power outlet with another device.
No Wi-Fi connection / App control not working	Incorrect Wi-Fi password; Router too far; 5GHz Wi-Fi network; App pairing issue.	Ensure your Wi-Fi network is 2.4GHz. Move the purifier closer to the router. Restart the purifier and your router. Follow the Mi Home app's re-pairing instructions.
Poor purification performance	Filter lifespan expired; Air inlets/outlets blocked; Dirty laser particle sensor.	Check filter lifespan in the app and replace if necessary. Ensure no obstructions around the air inlets/outlets. Clean the laser particle sensor as per maintenance instructions.
Unusual noise during operation	Foreign object inside; Filter not seated correctly.	Unplug the device and check for any foreign objects. Ensure the filter is properly installed and secured.
OLED display not working or showing incorrect information	Temporary glitch; Sensor malfunction.	Try restarting the device by unplugging and plugging it back in. If the issue persists, contact customer support.

## 9. SPECIFICATIONS

Detailed technical specifications for the Xiaomi Mi Air Purifier 2S AC-M4-AA:

Specification	Value
Model Number	AC-M4-AA
Dimensions (L x W x H)	24 x 24 x 52 cm (9.4 x 9.4 x 20.5 inches)
Weight	4.5 kg (9.9 lbs)
Power Source	Electric Cable
Rated Power	29 Watts
Filter Type	HEPA
Applicable Area	Up to 37 m <sup>2</sup> (398 sq ft)
Noise Level	32 Decibels (in Night Mode)
Control Type	Application and Physical Buttons
Special Features	Wi-Fi Connectivity, OLED Display

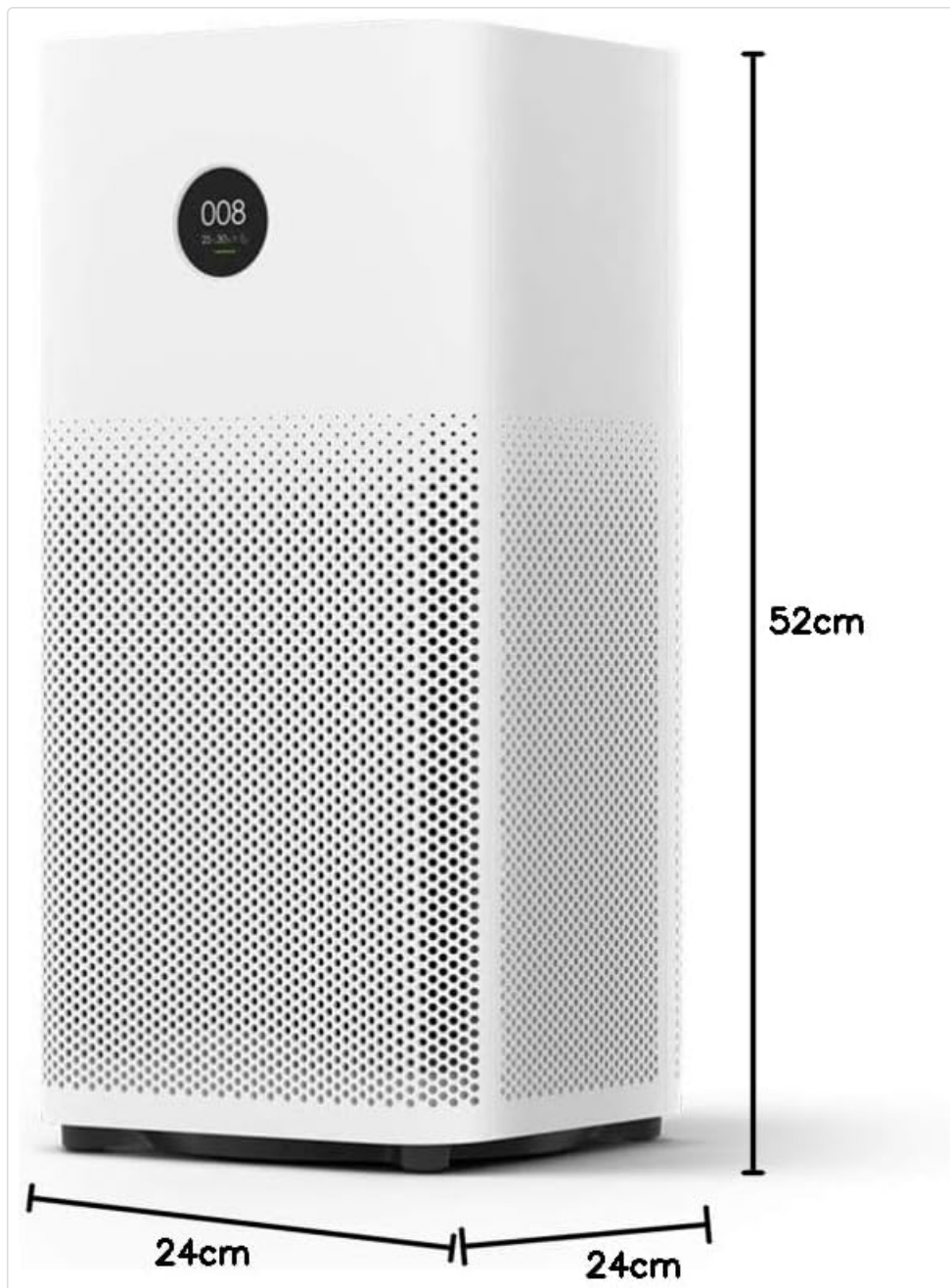


Image: Diagram illustrating the dimensions (height, width, depth) of the Xiaomi Mi Air Purifier 2S.

## 10. WARRANTY AND SUPPORT

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For detailed warranty information, terms, and conditions, please refer to the warranty card included with your product or visit the official XIAOMI website. Keep your purchase receipt as proof of purchase for any warranty claims.

For technical support, service, or inquiries regarding your Xiaomi Mi Air Purifier 2S, please contact XIAOMI customer service or your local authorized retailer. Contact information can typically be found on the official XIAOMI website or in your product documentation.