

MI AC-M14-SC

Xiaomi Mi Air Purifier 3C User Manual

Model: AC-M14-SC | Brand: MI

1. INTRODUCTION

The Xiaomi Mi Air Purifier 3C is designed to provide clean and healthy air in your home. Featuring a high-efficiency True HEPA filter, it effectively removes fine particles and common pollutants from your breathing space. This manual provides essential information for setting up, operating, and maintaining your air purifier to ensure optimal performance.



Figure 1: Xiaomi Mi Air Purifier 3C. This image shows the sleek, white, rectangular air purifier with a digital display on the front.

The Mi Air Purifier 3C achieves a PM CADR of 11301 ft³/h, delivering 5330 liters of purified air per minute. Its precision sensors monitor current air quality, allowing for real-time adjustments to maintain optimal purification. The advanced triple-layer filtration system, consisting of a primary filter, high-efficiency filter, and activated carbon layer, is highly effective against PM2.5, smoke, pollen, cooking odors, and other pollutants as small as 0.3 microns.



Efficient Purification

Air will be purified 5 times per hour in room of 323ft²/30m².

Max for

409ft²

(38m²)

(320m³)

11301ft³

air can be
purified per hour



Figure 2: Efficient Purification. This diagram illustrates the air purification process, showing air being drawn into the bottom of the unit and clean air being expelled from the top, indicating coverage for up to 409 sq ft.

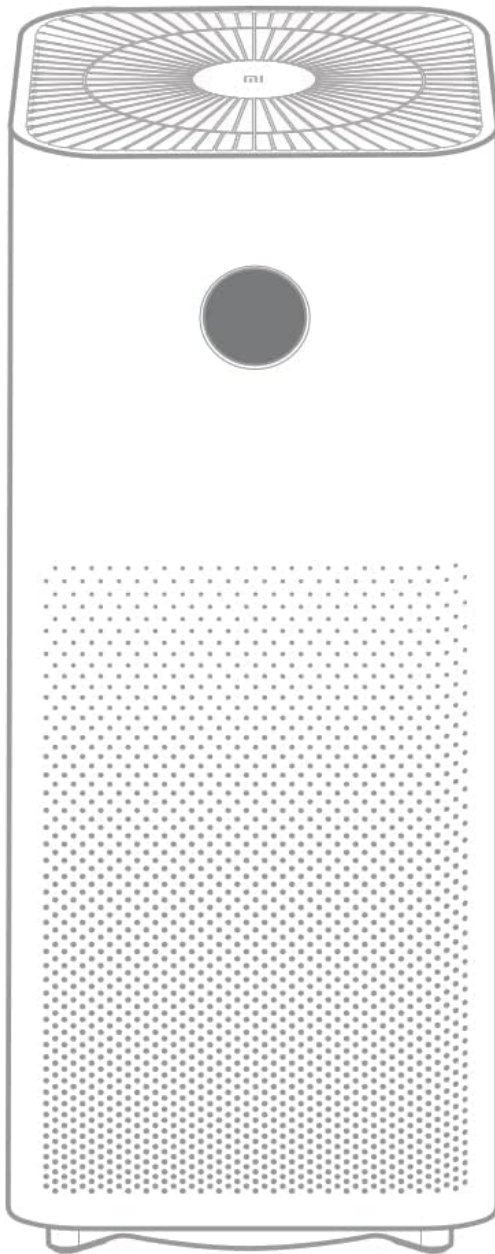
2. PACKAGE CONTENTS

Carefully unpack your Mi Air Purifier 3C and ensure all items are present. If any components are missing or damaged, please contact customer support.

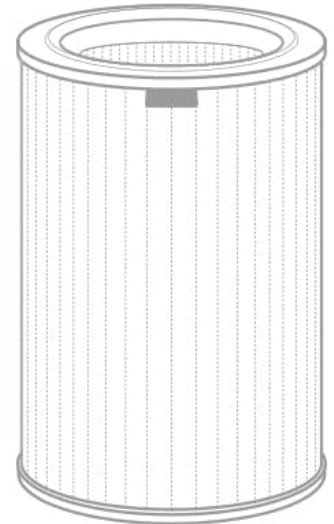
- Mi Air Purifier 3C Unit x 1
- Filter x 1 (pre-installed or separate)
- User Manual x 1
- Power Cord x 1



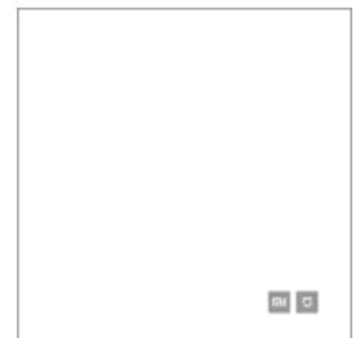
Package Contents



Mi Air Purifier 3C × 1



Filter × 1



User manual × 1

Figure 3: Package Contents. This illustration shows the main air purifier unit, a cylindrical filter, and a small user manual booklet.

3. SETUP INSTRUCTIONS

1. **Unpack the Purifier:** Remove the air purifier from its packaging and place it on a flat, stable surface. Ensure there is adequate space around the unit for proper airflow (at least 20 cm from walls or other objects).
2. **Install the Filter:**
 - Open the filter compartment cover, usually located at the back or bottom of the unit.
 - Remove the new filter from its protective plastic packaging.
 - Insert the filter into the compartment, ensuring it is seated correctly.
 - Close the filter compartment cover securely.
3. **Connect Power:** Plug the power cord into the power port on the air purifier, then plug the other end into a suitable electrical outlet.
4. **Initial Power On:** Press the power button on the unit to turn it on. The LED display will illuminate, and the purifier will begin operating.



Multiple Purifier

Three-in-one filtration for high-efficiency purification.

99.97%

elimination of 0.3 μ m particles

99.99%

elimination of 0.1 μ m particles

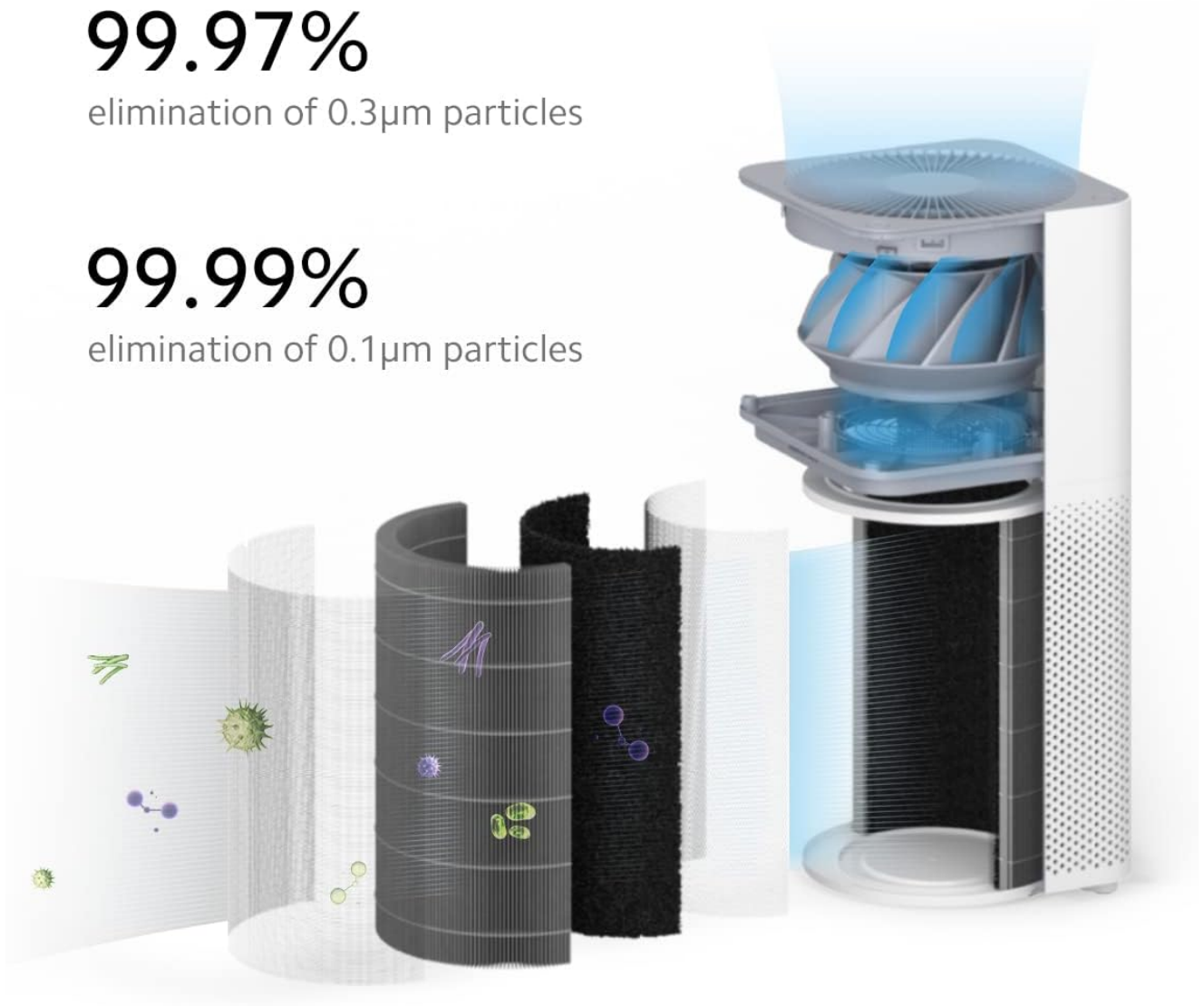


Figure 4: Triple-Layer Filtration. This image illustrates the three distinct layers of the air filter: a primary filter, a high-efficiency filter, and an activated carbon layer, designed to capture various particle sizes.

5. OPERATING YOUR AIR PURIFIER

5.1. Digital LED Display

The Mi Air Purifier 3C features a large digital LED display that provides real-time information about your indoor air

quality and current operating status.

- **PM2.5 Value:** Displays the concentration of fine particulate matter in $\mu\text{g}/\text{m}^3$.
- **Mode Indicator:** Shows the current operating mode (Auto, Sleep, Manual).
- **Wi-Fi Status:** Indicates network connectivity.
- **Status Light Ring:** A tri-color light ring provides a quick visual reference of air quality:
 - Green: Fresh and clean air
 - Orange: Mild/moderate pollution
 - Red: High pollution



LED Displays Real-Time Air Quality Status

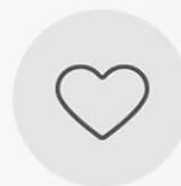
PM2.5 Value Displays | Mode | Wi-Fi | Status Light



Auto



Sleep



Manual



Fresh and clean



Mild/moderate pollution



High pollution

Figure 5: LED Display. This image shows the circular LED display on the air purifier, indicating PM2.5 levels, operating mode icons (Auto, Sleep, Manual), Wi-Fi status, and a color-coded ring for air quality.

5.2. Operating Modes

- **Auto Mode:** The purifier automatically adjusts its fan speed based on the detected air quality. This mode silently purifies until impurities are detected, then ramps up speed as needed.

- **Sleep Mode:** Reduces operating noise levels to a whisper-quiet 31 dB, making it ideal for bedrooms or nurseries. The display brightness is also reduced.
- **Manual Mode:** Allows you to manually select the desired fan speed or purification level.

5.3. Smart Control (Mi Home App & Voice Control)

The Mi Air Purifier 3C connects to your home Wi-Fi network, enabling smart control via the Mi Home/Xiaomi Home app and AI voice assistants.

- **Mi Home/Xiaomi Home App:** Download the app from your smartphone's app store. Follow the in-app instructions to connect your air purifier. The app allows you to:
 - Monitor real-time air quality remotely.
 - Change operating modes and fan speeds.
 - Set schedules for operation.
 - Receive filter replacement reminders.
- **AI Voice Control:** The purifier supports Google Assistant and Amazon Alexa. Once connected through the Mi Home app, you can use voice commands to control the device (e.g., "Alexa, turn off the air purifier," "Ok Google, turn on the air purifier").



Quiet Operation as breathing



50dB(A)
Office

40dB(A)
Pouring water

31 dB(A)
Breathing

Mi Air Purifier 3C

Figure 6: Smart Control. This image shows a hand holding a smartphone displaying the Mi Home app interface, with icons for Google Assistant and Alexa, demonstrating remote control capabilities.

6. MAINTENANCE

6.1. Filter Replacement

The filter core should be replaced every 6-12 months, depending on usage and air quality. The Mi Home app will notify you when a replacement is due.

1. **Power Off:** Unplug the air purifier from the power outlet.
2. **Open Compartment:** Open the filter compartment cover.
3. **Remove Old Filter:** Carefully pull out the old filter. Dispose of it according to local regulations.
4. **Install New Filter:** Remove the new filter from its packaging and insert it into the compartment. Ensure it is properly seated.
5. **Close Cover & Power On:** Close the filter compartment cover securely and plug the purifier back in. The filter life counter will reset automatically.

6.2. Cleaning the Unit

- **Exterior:** Wipe the exterior of the air purifier with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Air Inlet/Outlet:** Periodically clean the air inlet and outlet grilles with a soft brush or vacuum cleaner to remove dust accumulation.
- **Sensor Cleaning:** The PM2.5 sensor may require occasional cleaning. Refer to the full user manual for detailed instructions on accessing and cleaning the sensor.

7. TROUBLESHOOTING

If you encounter issues with your Mi Air Purifier 3C, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Purifier does not turn on.	No power supply; power cord loose.	Ensure the power cord is securely plugged into both the unit and the wall outlet. Check if the outlet has power.
Poor purification effect.	Filter is dirty or expired; air inlets/outlets blocked.	Replace the filter. Clean any obstructions from the air inlets and outlets.
Abnormal noise during operation.	Foreign object inside; unit not on a flat surface.	Power off and unplug the unit. Check for any foreign objects. Ensure the unit is placed on a stable, flat surface.
Wi-Fi connection issues.	Incorrect Wi-Fi password; router too far; network interference.	Verify Wi-Fi password. Move purifier closer to router. Restart router and purifier.

For more detailed troubleshooting or persistent issues, please refer to the complete user manual or contact customer support.

8. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	AC-M14-SC
Product Dimensions	20.47 x 9.45 x 20.47 inches; 10 Pounds
Rated Power	29 Watts
Applicable Area	Up to 409 sq ft (38 m²)
PM CADR	11301 ft³/h (188 CFM)
Noise Level	As low as 31 dB (Sleep Mode)
Filtration Efficiency	99.97% for 0.3 microns, 99.99% for 0.1 microns
Connectivity	Wi-Fi, Mi Home App, Google Assistant, Amazon Alexa
Filter Lifespan	6-12 months (approx.)
Color	White
Certification	CARB Certified

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or the official Xiaomi website. Warranty terms and conditions may vary by region.

If you require technical support or have questions not covered in this manual, please contact Xiaomi customer service. You can often find contact information on the official Xiaomi website or within the Mi Home app.

A comprehensive user manual in PDF format is also available for download:

[Download Full User Manual
\(PDF\)](#)

10. IMPORTANT INFORMATION

Legal Disclaimer

Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition. This product is an air purifier and not a medical device.

