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> Jafända JF500 Air Purifier User Manual

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Jafända JF500 Air Purifier User Manual

Model: JF500

1. PRODUCT OVERVIEW

The Jafända JF500 Air Purifier is designed to provide clean and healthy air for large rooms, offices, and homes. It features a multi-stage filtration system, real-time air quality monitoring, and smart control options including Wi-Fi and Alexa compatibility. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your air purifier.



Image 1.1: Jafända JF500 Air Purifier and its filtration components.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present and undamaged.

- Jafända JF500 Air Purifier Unit
- Pre-installed 4x True HEPA 13 Filters (Pre-Filter, HEPA Filter, Activated Carbon Filter)
- Power Cord
- User Manual

3. SETUP AND INSTALLATION

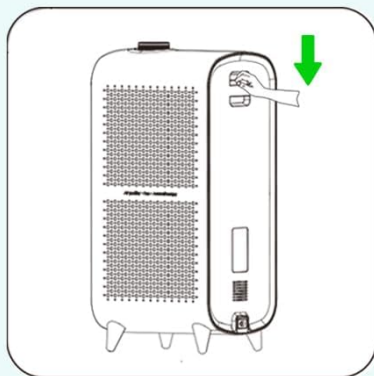
3.1 Unpacking and Filter Preparation

Before first use, remove all packaging materials from the air purifier and ensure the filters are properly installed without their protective plastic film.

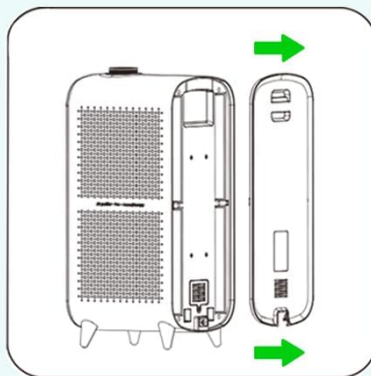
1. Carefully remove the air purifier from its packaging.

2. Locate the filter compartment. For the JF500, the filters are accessed from the rear cover plate.
3. Press down the button on the rear cover plate and pull it out slightly to open.
4. Lift the filter cover from the air purifier.
5. Take out the pre-installed filters. They will be enclosed in plastic packaging.
6. Remove the protective plastic film from each filter.
7. Insert the filters back into the air purifier, ensuring they are correctly oriented.
8. Close the filter cover and secure the rear cover plate.

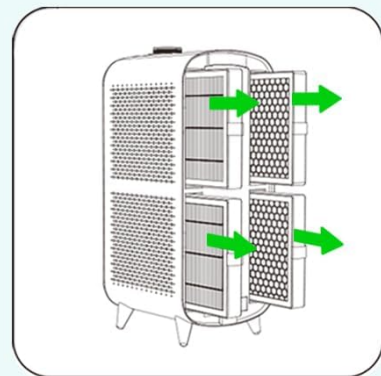
Instructions for Replacing The Filters



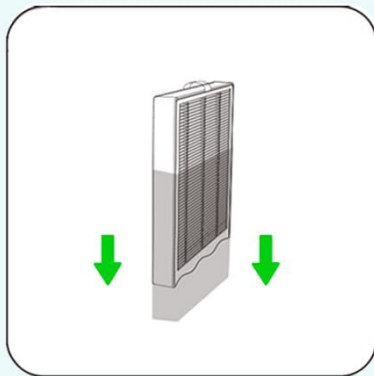
- ① Press down down the button on rear cover plate and pull it out slightly, then take out Filter.



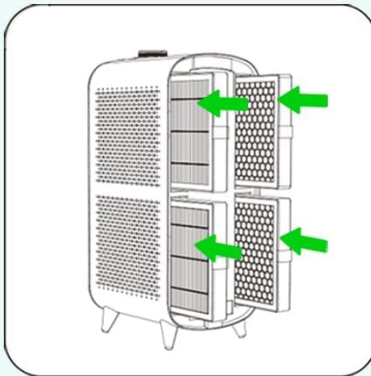
- ② Lift the filter cover from the air purifier.



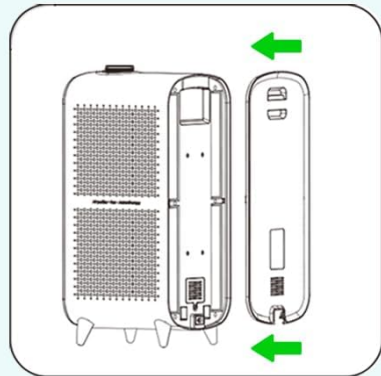
- ③ Take out the new filters with plastic packaging.



- ④ Remove the protective film on the filter before use.



- ⑤ Put into New Filter without protective film.



- ⑥ Close the rear cover plate, then it is done.

Image 3.1: Visual guide for filter preparation and installation.

3.2 Placement

Place the air purifier on a flat, stable surface. Ensure there is at least 15 cm (6 inches) of clear space around all sides for optimal airflow.

3.3 Power Connection

Plug the power cord into a standard electrical outlet. The unit is now ready for operation.

4. OPERATING INSTRUCTIONS

4.1 Control Panel Overview

The control panel is located on the top of the unit and features various buttons and indicators for easy operation.

- **Power Button:** Turns the unit on/off.
- **Fan Speed Button:** Adjusts fan speed (Low, Medium, High, Auto).
- **Mode Button:** Cycles through different operating modes (e.g., Auto, Sleep).
- **Timer Button:** Sets a timer for automatic shut-off.
- **Child Lock Button:** Activates/deactivates child lock.
- **Display Off Button:** Turns off the display lights for undisturbed sleep.
- **Filter Reset Indicator:** Lights up when filter replacement is needed.

4.2 Basic Operation

1. **Power On/Off:** Press the Power Button to turn the air purifier on or off.
2. **Adjust Fan Speed:** Press the Fan Speed Button repeatedly to cycle through fan speeds. In Auto mode, the fan speed adjusts automatically based on air quality.
3. **Sleep Mode:** Activate Sleep Mode for quiet operation, ideal for nighttime use. The display lights will dim or turn off. The noise level in sleep mode is approximately 22dB.

Sleep Soundly, Every Night

Quiet Enough for a Peaceful Sleep



Image 4.1: The JF500 operates quietly, making it suitable for bedrooms.

4.3 Smart Control (Wi-Fi & App)

The Jafanda JF500 can be controlled remotely via the Jafanda App, Amazon Alexa, and Google Home.

1. **Download App:** Download the "Jafanda" app from your smartphone's app store.
2. **Pair Device:** Follow the in-app instructions to pair your air purifier with your Wi-Fi network.
3. **Voice Control:** Once paired, enable the Jafanda skill in your Alexa or Google Home app to control the purifier using voice commands.

JF500 Replacement Filter Engineered for Peak Performance



4 pcs

This genuine Jafanda filter is custom-designed for your JF500 air purifier. Rigorous testing ensures maximum purification, optimal coverage & whisper-quiet operation

Image 4.2: Control your JF500 remotely using the Jafanda app or voice assistants.

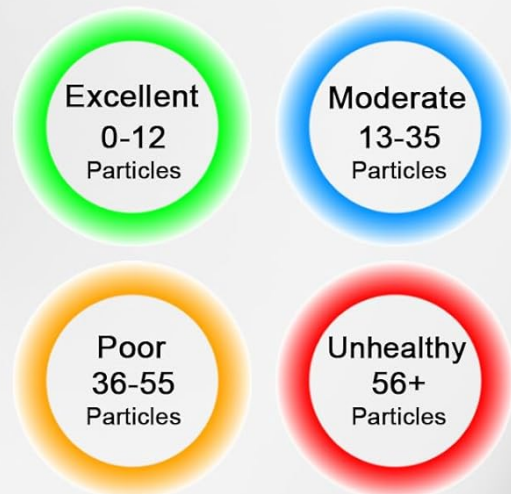
5. AIR QUALITY MONITORING

The JF500 features a built-in PM2.5 sensor that provides real-time air quality readings. The display indicates air quality using both numerical values and a color-coded system.

- **Cyan (Excellent):** 0-12 Particles
- **Blue (Good):** 13-35 Particles
- **Yellow (Average):** 36-55 Particles
- **Red (Poor):** 56+ Particles

The laser sensor accurately tracks particles down to 0.3 microns, allowing the purifier to respond effectively to changes in your indoor environment.

Real-Time Air Quality Indicator



Laser Sensor Tracks Particles Down to 0.3 Microns

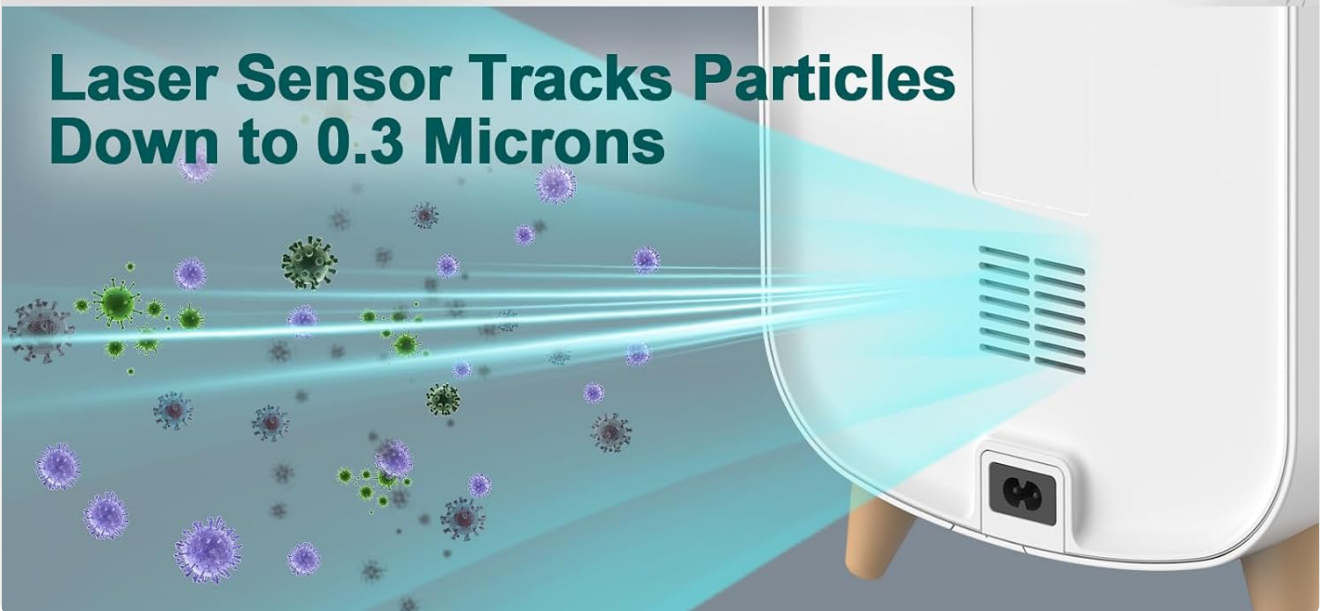


Image 5.1: Real-time air quality indicator on the JF500.

6. FILTRATION SYSTEM

The Jafānda JF500 utilizes a powerful 4x True HEPA 13 filtration system to capture 99.97% of harmful particles, including dust, allergens, pollen, smoke, pet dander, mold, and VOCs.

6.1 Pre-Filter

The pre-filter captures large particles such as lint, fiber, pet hair, and dust, extending the life of the subsequent filters.

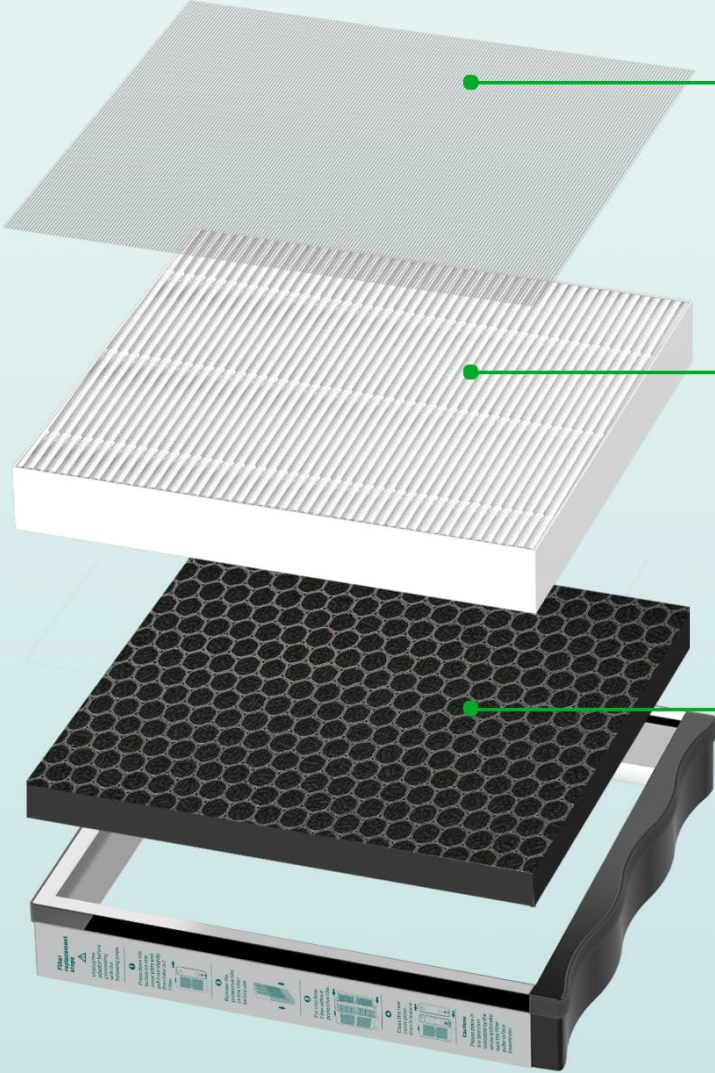
6.2 True HEPA Filter

The True HEPA 13 filter removes 99.97% of airborne particles down to 0.015 microns, including bacteria, mold, pollen, pet dander, smoke, and fine dust.

6.3 Activated Carbon Filter

The activated carbon filter, with 20 times the odor absorption capacity, effectively absorbs common household odors like cooking smells, pet dander, and wildfire smoke, as well as VOCs.

Powerful 3-Stage Filtration



Pre-Filter
Captures large particles like lint, pet hair, and dust.

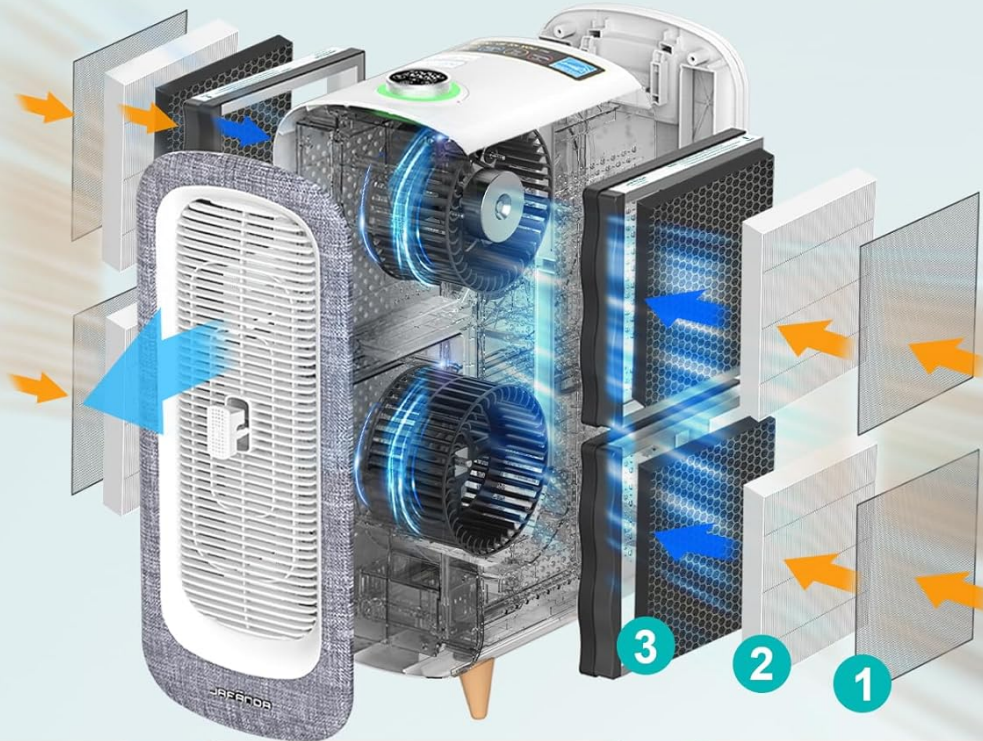
True HEPA Filter
Removes 99.97% of airborne particles down to 0.015 microns, including bacteria, mold, pollen, pet dander, smoke, dust

Activated Carbon Filter
20 Times More Carbon Filling, Absorbs common household odors like cooking smells, pet dander & wildfire smoke

Image 6.1: Detailed view of the 3-stage filtration process.

Powerful Air Purification 4X Filters

Effectively removes 99.97% of indoor air pollutants such as dust, allergens, pollen, smoke, pet dander, mould, VOC, pet odor and more,



1 Pre-Filter

Removes lint, fiber, pet hair, and large particles

2 HEPA Filter

The extra-large 2.3 m² filtration area offers excellent purification performance and filter longevity capturing bacteria, mold, pollen, pet dander, smoke, and dust.

3 Activated Carbon Filter

Total of 300g activated carbon, Powerful absorbs VOCs, cooking smells, pet odor and wildfire smoke

Image 6.2: Airflow through the 4X filter system.

7. MAINTENANCE

7.1 Filter Replacement

The filter life indicator on the control panel will illuminate when it's time to replace the filters. For optimal performance, it is recommended to replace all four filters simultaneously.

1. Turn off and unplug the air purifier.
2. Open the rear cover plate and remove the used filters.
3. Dispose of the old filters responsibly.
4. Unpack the new Jafanda JF500 replacement filters (ensure plastic film is removed).
5. Insert the new filters into the unit, ensuring proper orientation.
6. Close the rear cover plate.

7. Plug in the air purifier.
8. Press and hold the Filter Reset button (refer to control panel diagram in app or manual) for 3-5 seconds until the indicator light turns off, resetting the filter life counter.



Image 7.1: The JF500 uses four custom-designed replacement filters for peak performance.

7.2 Cleaning the Unit

- Wipe the exterior of the air purifier with a soft, dry cloth.
- Do not use abrasive cleaners or solvents.
- Periodically vacuum the air intake vents to remove dust buildup.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; Power cord not securely plugged in.	Check power outlet; Ensure power cord is firmly connected.
Airflow is weak.	Filters are clogged; Air intake/outlet blocked.	Check and replace filters if necessary; Ensure no obstructions around the unit.
Unusual noise.	Filter not installed correctly; Foreign object inside.	Reinstall filters; Turn off and unplug, then check for foreign objects.
Air quality reading seems inaccurate.	Sensor is dirty.	Gently clean the PM2.5 sensor opening with a dry cotton swab.

9. SPECIFICATIONS

Feature	Detail
Model	JF500
Brand	Jafānda
Coverage Area	Up to 2105 sq ft (1x per hour)
CADR	271 CFM (460 m³/h)
Filtration System	4x True HEPA 13 with Activated Carbon
Noise Level	As low as 22 dB (Sleep Mode)
Connectivity	Wi-Fi, Alexa, Google Home
Sensor	PM2.5 Laser Sensor
ASIN	B0DL2NLWN7
Date First Available	October 26, 2024

Clean Air, Anywhere

Improved Air Quality in Any Room

1x per hour
in rooms up to
2105 ft²



1053 ft²
2 Times/h

421 ft²
5 Times/h

Image 9.1: The JF500 effectively cleans air in large spaces up to 2105 sq ft.

10. SAFETY INFORMATION

- Always unplug the air purifier before cleaning or performing any maintenance.
- Do not block air inlets or outlets.
- Do not use the appliance in wet or humid environments.
- Keep out of reach of children and pets.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
- Use only genuine Jafanda replacement filters.

11. WARRANTY AND SUPPORT

Jafānda products come with a standard manufacturer's warranty. For detailed warranty information, product support, or to purchase genuine replacement filters, please visit the official Jafānda website or contact customer service.

Website: [Jafānda Official Store on Amazon](#)