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› FRESHDEW AP303 Air Purifier User Manual

FRESHDEW AP303

FRESHDEW AP303 Air Purifier Instruction Manual

Model: AP303

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your FRESHDEW AP303 Air Purifier. Please read it thoroughly before use and retain it for future reference. The FRESHDEW AP303 is designed to improve indoor air quality by filtering various airborne particles and odors.



Image: The FRESHDEW AP303 Air Purifier, a white and black unit with a digital display, shown with one of its side filters partially removed. A small dog wearing a Santa hat is positioned next to the unit.

2. SAFETY INFORMATION

To reduce the risk of fire, electric shock, or injury, observe the following safety precautions:

- Always unplug the air purifier before moving, cleaning, or performing any maintenance.
- Do not operate the unit with a damaged cord or plug. If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Keep the power cord away from heated surfaces.
- Do not block air inlets or outlets. Ensure proper clearance around the unit for optimal airflow.
- Do not use in wet environments or near water.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.

3. PACKAGE CONTENTS

- FRESHDEW AP303 Air Purifier Unit
- H14 True HEPA Filter (pre-installed)
- Washable Pre-Filter (pre-installed)
- User Manual
- Power Adapter

4. PRODUCT OVERVIEW

The FRESHDEW AP303 Air Purifier features a sleek design with double-sided air intake for efficient air purification across large areas.

4.1 Components

- **Control Panel:** Located on the top surface, featuring a digital display and touch controls.
- **Air Inlets:** Positioned on both sides of the unit for 360-degree air intake.
- **Air Outlet:** Located on the top of the unit for purified air release.
- **Filter Compartments:** Accessible from the sides for filter installation and replacement.
- **Power Port:** Located at the rear or bottom for connecting the power adapter.

4.2 Control Panel Functions

Icon/Indicator	Function
Power Button	Turns the unit on/off.
Fan Speed Button	Adjusts fan speed through multiple levels.
Auto Mode Button	Activates/deactivates automatic fan speed adjustment based on air quality.
Sleep Mode Button	Activates/deactivates ultra-quiet operation with dimmed lights.
Timer Button	Sets operating time (e.g., 2H, 4H, 8H).
Filter Reset Indicator	Illuminates when filter replacement is needed.
Air Quality Display (PM2.5)	Shows real-time air quality readings.

5. SETUP

1. **Unpack the Unit:** Carefully remove the air purifier from its packaging.
2. **Remove Filter Packaging:** Open the filter compartments on both sides of the unit. Remove the plastic packaging from the H14 True HEPA filters and the washable pre-filters.

Save Money & Be Eco-friendly

Discover our washable, recyclable filter that saves you **\$30+** every wash!



Re-usable/
Recyclable



Washable
pre-filter screen



Washable
Pre-Filter

Image: Illustration of removing and cleaning the washable pre-filter. The image shows a hand holding a pre-filter under running water on one side, and a vacuum cleaner attachment cleaning a dirty pre-filter on the other side.

Text indicates the filter is reusable and washable.

- 3. Install Filters:** Place the filters back into their respective compartments, ensuring they are correctly seated. Close the filter covers securely.

Upgraded Powerful HEPA 14 Filtration

Equipped with **Hospital-Grade H14** Filter & Prolonged Washable Pre Filter

Activated Carbon Filter



Hospital-Grade H14 Filter



Washable Pre Filter

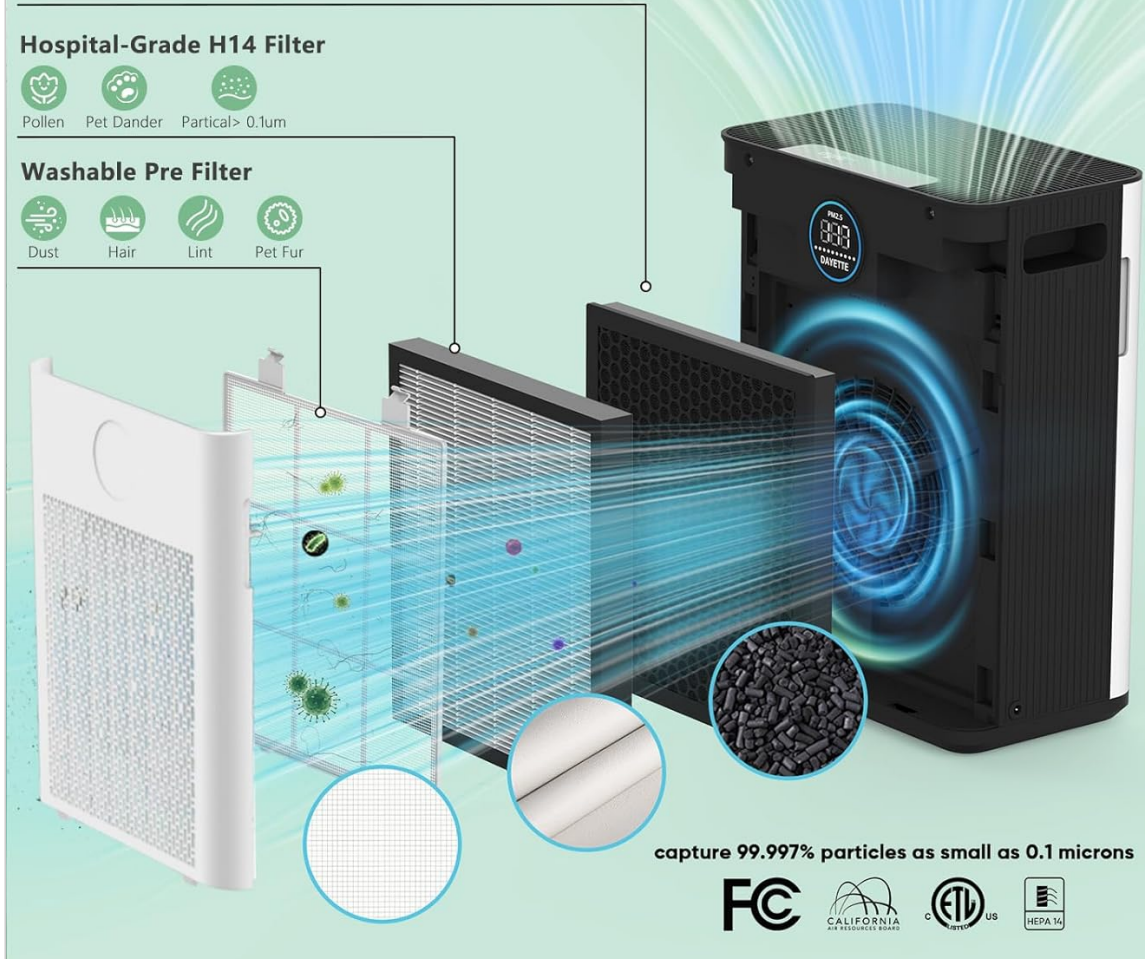


Image: Diagram illustrating the multi-stage filtration system. It shows air flowing through a washable pre-filter, a Hospital-Grade H14 filter, and an activated carbon filter, with descriptions of what each filter targets (dust, hair, lint, pet fur, pollen, pet dander, particles > 0.1um, smoke, odors, fumes, VOCs).

- 4. Position the Unit:** Place the air purifier on a flat, stable surface, ensuring at least 8 inches (20 cm) of clearance from walls or furniture for optimal airflow.
- 5. Connect Power:** Plug the power adapter into the power port on the unit, then plug the other end into a standard electrical outlet.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press the Power button on the control panel to turn the air purifier on or off. The unit will typically start in its last used mode or default to Auto mode.

6.2 Adjusting Fan Speed

Press the Fan Speed button repeatedly to cycle through available fan speeds (e.g., Low, Medium, High, Turbo). The current speed will be indicated on the display.

6.3 Auto Mode

Press the Auto Mode button to activate. In Auto Mode, the air purifier uses its built-in air quality sensor to detect airborne pollutants and automatically adjusts the fan speed to optimize purification. The PM2.5 display will show real-time air quality readings.



Image: Diagram illustrating the functionality of Auto Mode. It shows a scale from "Very Good" to "Bad" air quality based on PM2.5 levels, and how the air purifier automatically increases fan speed when air quality decreases and lowers it when air quality improves.

6.4 Sleep Mode

Press the Sleep Mode button to activate. In Sleep Mode, the fan operates at its lowest, quietest setting (22dB), and all display lights are dimmed or turned off to ensure an undisturbed environment.

6.5 Timer Function

Press the Timer button repeatedly to set the desired operating duration (e.g., 2 hours, 4 hours, 8 hours). The unit will automatically turn off after the set time.

6.6 Child Lock

To activate the Child Lock, press and hold the designated Child Lock button (or a specific combination of buttons as indicated on your unit's control panel) for 3 seconds. This prevents accidental changes to settings. Repeat the action to deactivate.

6.7 Wi-Fi Connectivity and App Control

The FRESHDEW AP303 supports Wi-Fi connectivity for control via a smartphone app. Refer to the separate Wi-Fi setup guide or the FRESHDEW app instructions for detailed steps on connecting your air purifier to your home network and controlling it remotely or integrating with smart home assistants.

7. MAINTENANCE

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

7.1 Cleaning the Pre-Filter

1. Unplug the air purifier from the power outlet.
2. Open the filter compartments on both sides and carefully remove the washable pre-filters.
3. Clean the pre-filters using a soft brush, a vacuum cleaner, or by rinsing them under running water. Ensure all accumulated dust and debris are removed.
4. Allow the pre-filters to air dry completely before re-installing them. Do not use heat to dry.
5. Re-install the dry pre-filters into their compartments and close the covers securely.

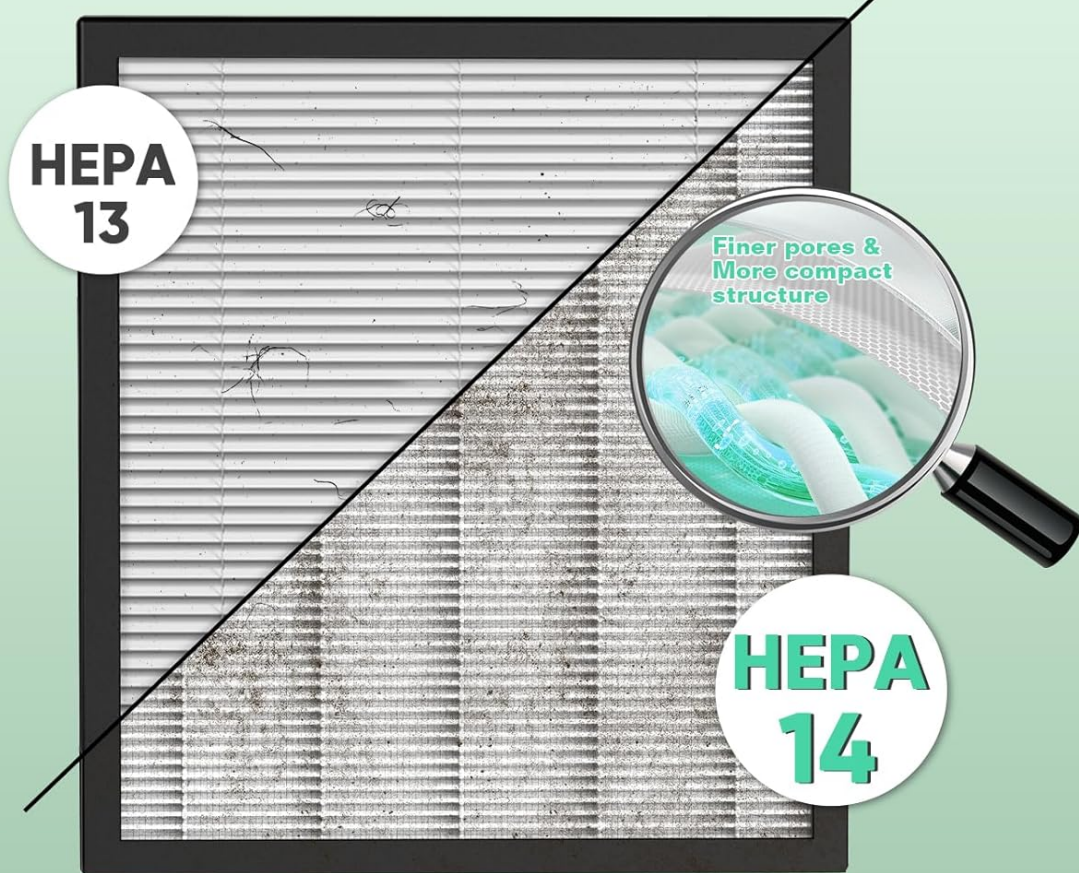
7.2 Replacing the H14 True HEPA Filter

The H14 True HEPA filter should be replaced approximately every 6-8 months, depending on usage and air quality conditions. The Filter Reset Indicator on the control panel will illuminate when replacement is due.

1. Unplug the air purifier.
2. Open the filter compartments and remove the old H14 True HEPA filters. Dispose of them responsibly.
3. Insert new FRESHDEW H14 True HEPA filters, ensuring correct orientation as indicated on the filters or unit.
4. Close the filter compartments.
5. Plug in the unit. To reset the filter indicator, press and hold the Filter Reset button (or indicated combination) for 3-5 seconds until the light turns off.

Hospital Grade True HEPA H14 Filter

Up to 10X more effective than ordinary HEPA 13 filter



Other H13 Filter

- ✗ Common Grade
- ✗ Sparse Mesh Filter 99%
- ✗ Trap Partical > 0.3um

FRESHDEW H14 Filter

- ✓ Hospital & Baby Safe Grade
- ✓ Fine Mesh Filter 99.997%
- ✓ Trap micro particles > 0.1um

Image: A visual comparison between a standard HEPA 13 filter and a FRESHDEW H14 filter, highlighting the finer pores and more compact structure of the H14 filter for superior particle capture (99.997% of particles as small as 0.1um).

7.3 Cleaning the Unit Exterior

Wipe the exterior of the air purifier with a soft, dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the surface.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; power cord not properly connected.	Check if the power cord is securely plugged into the unit and the electrical outlet. Try a different outlet.
Airflow is weak or noisy.	Filters are dirty or blocked; filter packaging not removed.	Clean the washable pre-filter. Verify that the plastic packaging has been removed from all filters. Replace the H14 HEPA filter if necessary. Ensure air inlets/outlets are not obstructed.
Air quality does not improve significantly.	Filters are old or heavily soiled; unit size is too small for the room; doors/windows are open.	Replace the H14 HEPA filter. Ensure the unit is appropriately sized for the room area. Close doors and windows during operation.
Filter Reset Indicator remains on after filter change.	Filter reset function not performed.	After replacing filters, press and hold the Filter Reset button for 3-5 seconds to reset the indicator.
Wi-Fi connection issues.	Incorrect Wi-Fi password; unit too far from router; router issues; app not updated.	Ensure correct Wi-Fi password. Move the unit closer to the router. Restart your router. Update the FRESHDEW app to the latest version. Refer to the app's troubleshooting guide.

9. SPECIFICATIONS

- **Model:** AP303
- **Brand:** FRESHDEW
- **Product Dimensions:** 7.1"D x 12.2"W x 16.7"H
- **Weight:** Approximately 9.94 Pounds
- **Coverage Area:** Up to 2300 sq.ft (1 air change per hour); 460 sq.ft (5 air changes per hour)
- **Filtration System:** Washable Pre-Filter, H14 True HEPA Filter, Activated Carbon Filter
- **Noise Level:** As low as 22 dB (Sleep Mode)
- **Power Consumption:** 48 Watts
- **Certifications:** CARB Certified, CE Certified, EPA Certified, ETL Certified
- **Manufacturer:** Zhongshan Lianchang Electrical Appliance Co., Ltd

10. WARRANTY AND SUPPORT

FRESHDEW provides a standard warranty for this product. For detailed warranty information, including terms and conditions, please refer to the warranty card included in your product packaging or visit the official FRESHDEW website. For technical support, replacement parts, or further assistance, please contact FRESHDEW customer service through the channels provided on the official website or product packaging.

Contact Information: Please refer to the product packaging or the official FRESHDEW website for the most current contact details.

