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› FRESHDEW AP305 Air Purifier User Manual

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FRESHDEW AP305 Air Purifier User Manual

Model: AP305 | Brand: FRESHDEW

INTRODUCTION

Thank you for choosing the FRESHDEW AP305 Air Purifier. This advanced air purification system is designed to provide a cleaner, healthier indoor environment by effectively removing airborne particles, odors, and allergens. Please read this manual thoroughly before operating the device to ensure proper use, maintenance, and safety.

IMPORTANT SAFETY INSTRUCTIONS

- Always unplug the air purifier before moving, cleaning, or performing any maintenance.
- Do not operate the appliance with a damaged cord or plug. Contact customer support for assistance.
- Keep the air purifier away from water or other liquids. Do not immerse the unit in water.
- Ensure the air inlet and outlet are not blocked. Maintain at least 15 cm (6 inches) clearance from walls and furniture.
- 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 use the air purifier in environments with high humidity, such as bathrooms, or near heat sources.
- Use only original FRESHDEW replacement filters to maintain optimal performance and warranty validity.

PRODUCT COMPONENTS

The FRESHDEW AP305 Air Purifier package includes the following items:

- 1 x FRESHDEW AP305 Air Purifier Unit
- 2 x H14 HEPA and Activated Carbon Filters (pre-installed or separate)
- 1 x Power Charger
- 1 x User Manual

Save Your Money & More Eco-friendly

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Recycle Use



Easy to
Clean



Washable
Pre-Filter



Figure 1: The main FRESHDEW AP305 Air Purifier unit, showing its sleek white and black design with a digital display on the front.

SETUP GUIDE

1. Unpacking and Filter Installation

1. Carefully remove the air purifier from its packaging.
2. Open the filter covers on both sides of the unit. The AP305 features a double-sided air intake system.
3. Remove the plastic packaging from both H14 HEPA and Activated Carbon filters.
4. Insert the filters back into their respective compartments, ensuring they are correctly seated.
5. Close the filter covers securely.



Figure 2: An exploded view of the FRESHDEW AP305 Air Purifier's filtration system, highlighting the washable pre-filter, H14 HEPA filter, and activated carbon filter. This image illustrates the layers of filtration.

2. Placement

- Place the air purifier on a firm, level surface.
- For optimal performance, ensure the PM2.5 sensor (located on the back) is not blocked and the side of the sensor is not placed directly against a wall.
- Position the unit in a central location within the desired room to maximize air circulation.

3. Power Connection

- Connect the power charger to the air purifier and then plug it into a standard electrical outlet.
- The unit will enter standby mode, and the display will illuminate.

OPERATING INSTRUCTIONS

Control Panel Overview



Figure 3: A close-up view of the control panel on top of the FRESHDEW AP305 Air Purifier, showing buttons for power, fan speed, timer, sleep mode, and child lock.

1. Power On/Off

- Press the **Power Button** (🔌) to turn the unit on or off.

2. Fan Speed Adjustment

- Press the **Fan Speed Button** (🌀) to cycle through fan speeds: 1 (Low), 2 (Medium), 3 (High), and A (Auto Mode).
- In **Auto Mode**, the air purifier automatically adjusts the fan speed based on the detected air quality.
- Press the **Turbo Button** to activate maximum purification speed.

3. Sleep Mode

- Press the **Sleep Mode Button** (🌙) to enter ultra-quiet operation, ideal for nighttime use. The display lights will dim.

4. Timer Function

- Press the **Timer Button** (🕒) to set the operating time for 2, 4, 6, or 8 hours. The unit will automatically turn off after the set time.

5. Child Lock

- Press and hold the **Child Lock Button** (🔒) for 3 seconds to activate or deactivate the child lock. This prevents accidental changes to settings.

6. Air Quality Indicator (PM2.5 Display)

- The digital display shows the real-time PM2.5 concentration in your environment.
- The color of the display ring indicates air quality:
 - **Blue:** Excellent Air Quality (PM2.5 0-8)
 - **Green:** Good Air Quality (PM2.5 9-56)
 - **Orange:** Mild Pollution (PM2.5 57-86)
 - **Red:** Heavy Pollution (PM2.5 87-266+)



Figure 4: The FRESHDEW AP305 Air Purifier's digital display showing a low PM2.5 reading, indicating excellent air quality. The surrounding ring glows blue.

7. Smart Control (Wi-Fi & App)

- The air purifier can be connected to your home Wi-Fi network and controlled via a dedicated mobile application.
- Refer to the app's instructions for pairing and remote control features, including scheduling, fan speed adjustment, and real-time air quality monitoring.

MAINTENANCE

1. Filter Replacement Alert

- The unit features an automatic filter-life indicator. When it's time to replace the HEPA 14 filter, a visual reminder will appear on the display.
- To reset the filter life indicator after replacement, press and hold the **Filter Reset Button** for 5 seconds until you hear three

beeps.

2. Washable Pre-Filter Cleaning

- The detachable pre-filter can be washed and reused.
- Gently remove the pre-filter from the main filter assembly.
- Rinse the pre-filter under running water or vacuum it to remove accumulated dust and pet hair.
- Ensure the pre-filter is completely dry before re-installing it.



Figure 5: A hand holding the washable pre-filter under running water, demonstrating the cleaning process. This helps extend the life of the main HEPA filter.

3. HEPA 14 Filter Replacement

- The H14 HEPA and Activated Carbon filters are not washable and must be replaced periodically (typically every 6-8 months, depending on usage and air quality).
- Purchase genuine FRESHDEW replacement filters to ensure continued high performance.
- Follow the filter installation steps in the Setup Guide to replace the filters.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord not connected; Filter covers not closed properly.	Check power outlet; Ensure power cord is securely plugged in; Close filter covers completely.
Poor air purification performance	Filters are dirty or expired; Air inlets/outlets blocked; Unit placed in too large an area.	Clean or replace filters; Ensure clear airflow around the unit; Consider unit placement or additional purifiers for larger spaces.
Unusual noise	Foreign object inside; Filters not installed correctly.	Unplug and check for foreign objects; Re-install filters correctly.
PM2.5 reading is high despite operation	PM2.5 sensor is dirty or blocked; High pollution source nearby.	Clean the PM2.5 sensor with a dry cotton swab; Remove or reduce pollution source.

Problem	Possible Cause	Solution
Wi-Fi connection issues	Incorrect Wi-Fi password; Router too far; App not updated.	Verify Wi-Fi password; Move unit closer to router; Update mobile app.

TECHNICAL SPECIFICATIONS

- **Model Number:** AP305
- **Product Dimensions:** 7.1 x 12 x 16 inches
- **Item Weight:** 7 Pounds
- **Power Source:** AC
- **Control Method:** Touch, Button Control, Wi-Fi App
- **Filter Type:** H14 HEPA, Activated Carbon, Washable Pre-Filter
- **Floor Area Coverage:** Up to 2300 Square Feet
- **Noise Level:** <22 Decibels (in Sleep Mode)
- **Particle Retention Size:** 0.1 Micron (99.995% efficiency)
- **Wattage:** 48 watts
- **Certifications:** CARB Certified, CE Certified, EPA Certified, ETL Certified, FCC Certified
- **Included Components:** Air Purifier, 2* Air Purifier Filter, Power Charger, User Manual

WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts and filters, please refer to the warranty card included with your product or visit the official FRESHDEW website. Do not attempt to repair the unit yourself, as this may void the warranty and pose safety risks.

ASK A QUESTION ABOUT THIS MANUAL

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

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