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› Provirtec Air Purifier with PM2.5 Real-Time Display & Air Quality Monitor (Model AP-01) - Instruction Manual

Provirtec AP-01

Provirtec Air Purifier with PM2.5 Real-Time Display & Air Quality Monitor (Model AP-01)

Instruction Manual

1. INTRODUCTION

Thank you for choosing the Provirtec AP-01 Air Purifier. This advanced device is designed to significantly improve your indoor air quality by effectively removing airborne particles, allergens, odors, and pollutants. Featuring a real-time PM2.5 display, smart auto-mode, and a comprehensive 5-stage H13 HEPA filtration system, the AP-01 ensures a cleaner, healthier environment for you and your family. Please read this manual thoroughly before operation to ensure safe and optimal performance.

2. PACKAGE CONTENTS

Upon unpacking your Provirtec AP-01 Air Purifier, please ensure all items listed below are present and in good condition:

- 1 x Provirtec Smart WiFi Air Purifier
- 1 x User Manual (this document)
- 1 x Efficient Activated Carbon Filter (Pre-Installed)

3. SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, please follow these important safety precautions:

- Always unplug the air purifier before moving, cleaning, or replacing the filter.
- Do not operate the air purifier if the cord or plug is damaged.
- Keep the air intake and outlet clear from obstructions.
- Do not use the air purifier in wet or humid environments.
- Use only the provided power adapter.
- Ensure the filter is properly installed before operating the unit.
- 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.

4. PRODUCT OVERVIEW

The Provirtec AP-01 Air Purifier combines advanced technology with a sleek design to deliver superior air purification.

Key Features:

- **Smart Auto-Mode:** Ultra-sensitive sensor detects pollutants and adjusts fan speed automatically.
- **Real-Time Air Quality Monitor:** HD display shows PM2.5 levels and 4-color indicator lights reflect air conditions (Blue: Very Good, Green: Good, Orange: Moderate, Red: Poor).
- **5-Stage H13 HEPA Filtration:** Captures 99.99% of airborne particles as small as 0.3 microns, including allergens, pet hair, smoke, and odors.
- **Wide Coverage:** Purifies up to 916 sq. ft. hourly or 183 sq. ft. in 12 minutes.
- **Quiet Operation:** Features a quiet mode (24 dB) for undisturbed sleep.
- **Smart Control:** App, touch, and voice control (Amazon Alexa, Google Assistant, Prodigytec App, iOS/Android).
- **Certified Safe:** CARB, FCC, and EPA certified for 24/7 operation.

Components:

- Top Control Panel with Digital Display
- Air Outlet
- Main Body with Fabric Pre-filter
- Air Intake Grille
- Power Port
- 5-Stage Filter Cartridge (Fabric Pre-filter, Nylon Pre-filter, Main Filter, HEPA13 Filter, Activated Carbon Filter)

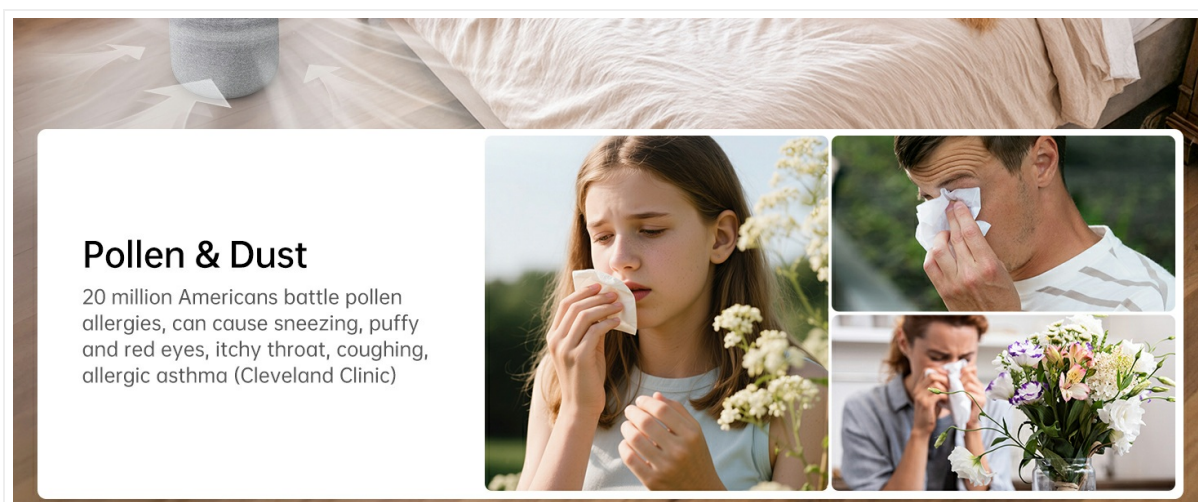


Image: Provirtec Air Purifier effectively filters various pollutants like allergens, pet hair, and smoke.



Image: Detailed diagram illustrating the 5-layer filtration system, including pre-filters, HEPA13, and activated carbon.



Image: The smart air purifier automatically adjusts its fan speed from high (poor air quality) to low (very good air quality) in auto mode.

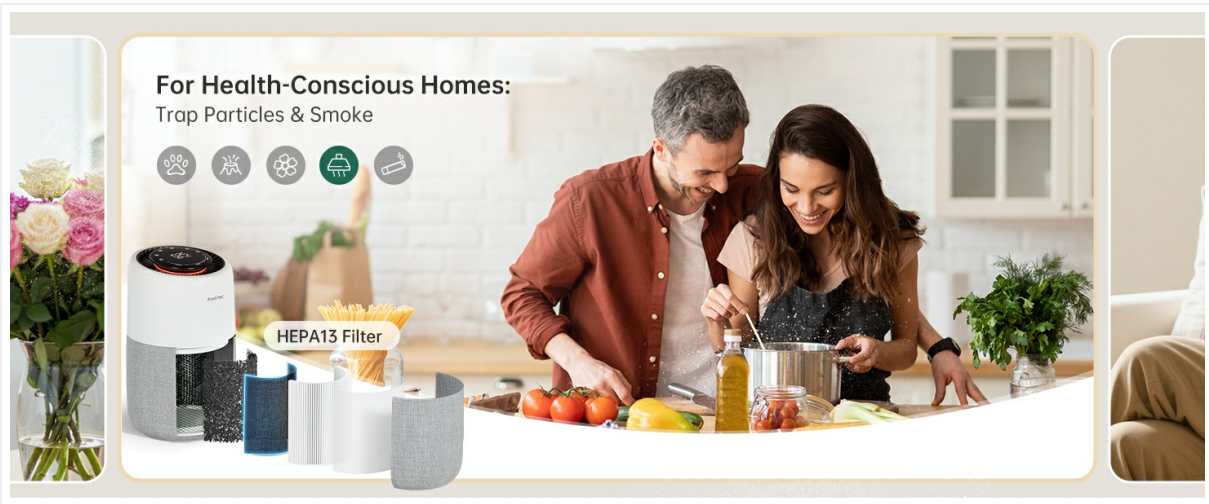


Image: The air purifier operates quietly in sleep mode, ensuring undisturbed rest in a bedroom setting.

5. SETUP

Follow these steps to set up your Provirtec AP-01 Air Purifier:

1. **Unpack:** Carefully remove the air purifier and all accessories from the packaging.
2. **Remove Filter Packaging:** The filter comes pre-installed but is sealed in plastic for freshness. Turn the unit

upside down, twist the base counter-clockwise to unlock, and remove the filter. Remove all plastic packaging from the filter.

3. **Reinstall Filter:** Place the unwrapped filter back into the unit and secure the base by twisting clockwise until locked.
4. **Placement:** Place the air purifier on a flat, stable surface, ensuring at least 15 cm (6 inches) of space from walls or furniture for optimal airflow.
5. **Power On:** Connect the power adapter to the power port on the air purifier, then plug it into a standard electrical outlet.

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Video: An unboxing and initial setup guide for the Provirtec Air Purifier, demonstrating how to remove the filter packaging and prepare the unit for use.

6. OPERATING INSTRUCTIONS

The Provirtec AP-01 offers intuitive controls and various modes for customized air purification.

Controls & Indicators:

The top panel features a touch-sensitive interface and a digital display:

- **Power Button:** Tap to turn the unit On/Off.
- **Fan Speed Adjustment:** Slide your finger along the arc to adjust fan speed from 1 (Sleeping) to 10 (Powerful).
- **Auto Mode (A):** Activates intelligent mode where the purifier automatically adjusts fan speed based on detected air quality.
- **Sleep Mode (Moon Icon):** Dims display lights and operates at the lowest fan speed for quiet operation.
- **Timer (Clock Icon):** Set the purifier to operate for 1 to 12 hours before automatically shutting off.
- **Child Lock (Lock Icon):** Press and hold for 3 seconds to activate/deactivate, preventing accidental changes to settings.
- **Filter Reset (Circular Arrows):** Press and hold for 3 seconds after replacing the filter to reset the filter life indicator.
- **PM2.5 Display:** Shows real-time particulate matter levels in $\mu\text{g}/\text{m}^3$.
- **Air Quality Indicator Light:** Changes color based on PM2.5 levels: Blue (Very Good), Green (Good), Orange (Moderate), Red (Poor).



Image: The intuitive touch control panel of the Provirtec Air Purifier, showing the digital PM2.5 display and various mode icons.

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Video: A detailed review of the Provirtec Smart Air Purifier, highlighting its air quality monitor and various operational modes.

App Control:

Download the "Prodigytec App" from your smartphone's app store (iOS/Android). Follow the in-app instructions to connect your air purifier via WiFi. The app allows you to:

- Remotely control all functions (On/Off, modes, fan speed, timer).
- Monitor real-time air quality and filter life.
- Set schedules and create custom scenes.
- Receive filter replacement alerts.

7. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your air purifier.

Filter Replacement:

The filter typically lasts for 365 days, depending on usage and air quality. The unit will indicate when a

replacement is needed.

1. Unplug the air purifier.
2. Twist the base counter-clockwise to unlock and remove it.
3. Remove the old filter and dispose of it properly.
4. Insert a new Provirtec AP-01 replacement filter (standard or pet care specific).
5. Replace the base and twist clockwise to lock.
6. Plug in the unit and press and hold the "Filter Reset" button for 3 seconds to reset the filter life indicator.

Replacement filters can be purchased via the product page bundles or by visiting the Provirtec store.

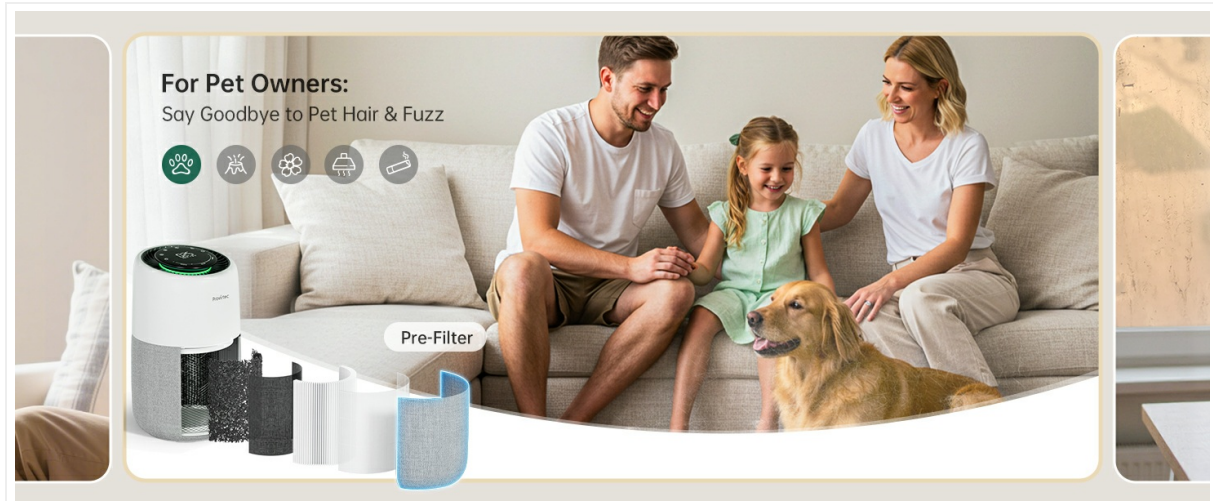


Image: The air purifier's filter has a 365-day lifespan, with smart alerts available via the mobile app to notify users when replacement is due.

Cleaning:

- Wipe the exterior of the air purifier with a soft, dry cloth.
- The outer pre-filter layer can be gently vacuumed to remove large dust and pet hair.
- Do not use abrasive cleaners or solvents.

8. TROUBLESHOOTING

If you encounter any issues with your Provirtec AP-01 Air Purifier, refer to the following common solutions:

- **Unit not turning on:** Ensure the power adapter is securely plugged into both the unit and the wall outlet. Check if the outlet is functional.
- **Air purifier has a smell or makes noise during first use:** Ensure all filter packaging has been removed. New units may have a slight smell; air out for 24 hours before use.
- **Poor air purification performance:** Check if the filter needs replacement. Ensure air intake and outlet are not blocked.
- **App connectivity issues:** Ensure your Wi-Fi network is stable and the air purifier is within range. Refer to the app's troubleshooting guide for specific connection steps.

9. SPECIFICATIONS

Specification	Value
Brand	Provirtec
Model Number	AP-01
Product Dimensions	8.11"D x 8.11"W x 13.46"H
Item Weight	5.42 Pounds
Power Source	DC
Wattage	36 watts
Control Method	App, Touch, Voice (Amazon Alexa, Google Assistant)
Filter Type	H13 HEPA, Activated Carbon
Floor Area Coverage	Up to 916 Square Feet
Noise Level	24 Decibels (Quiet Mode)
Particle Retention Size	0.3 Micron
Certifications	CARB Certified, FCC Certified, EPA Certified

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Provirtec website or contact their customer service directly. Details are typically provided on the product packaging or within the user manual's contact section.

For specific inquiries regarding replacement filters or technical assistance, please visit the Provirtec Store on Amazon.