

KOIOS PM1220

KOIOS H13 HEPA Air Purifier Instruction Manual

Model: PM1220

Brand: KOIOS

1. INTRODUCTION

This KOIOS H13 HEPA Air Purifier (Model PM1220) is designed to improve indoor air quality by filtering airborne contaminants. It is suitable for small spaces such as bedrooms, offices, and kitchens, covering an area of up to 215 sq ft (20 m²).

The unit features a compact design and operates quietly, making it ideal for various environments.

2. SAFETY INFORMATION

- Ensure the power cord is securely plugged into a suitable electrical outlet.
- Do not operate the air purifier with a damaged cord or plug.
- Keep the air inlet and outlet clear of obstructions.
- This appliance is 100% Ozone Free, certified by CARB (California Air Resources Board) (EO No.: G-22-126), ensuring it is safe for use in California and for all family members.
- Do not immerse the unit in water or other liquids.
- Unplug the air purifier before cleaning or performing any maintenance.
- Keep out of reach of children and pets.

100% OZONE-FREE

Safe to use for all the family



Image: The KOIOS Air Purifier is certified 100% Ozone-Free, making it safe for households with children and pets.

3. PRODUCT OVERVIEW

The KOIOS PM1220 Air Purifier features a sleek design with intuitive controls and a multi-stage filtration system.

Components:

- Main Unit (Top and Bottom sections)
- Control Panel (Power button, fan speed indicators)
- Air Inlet (Lower section)
- Air Outlet (Top section)
- 3-in-1 Filter Cartridge (Pre-installed)
- Power Adapter

TRUE HEPA TECHNOLOGY

Removes 99.97% of dust, smoke, allergies, odors, mold spores, pollen and pet dander.



Image: Front view of the KOIOS Air Purifier, highlighting its compact size and simple control interface.

Filtration System:

The air purifier utilizes an improved 3-stage filtration system to capture various airborne particles:

1. **Ultra-fine Pre-filter:** Captures large particles such as dust, lint, and pet hair, and helps absorb odors and fumes.
2. **H13 True HEPA Filter:** Captures 99.97% of airborne contaminants as small as 0.3 microns, including dust, pollen, pet dander, and smoke particles.
3. **Activated Carbon Filter:** Effectively traps cooking odors, pet odors, smoke, and volatile organic compounds (VOCs).

3-STAGE FILTRATION SYSTEM

High efficiency

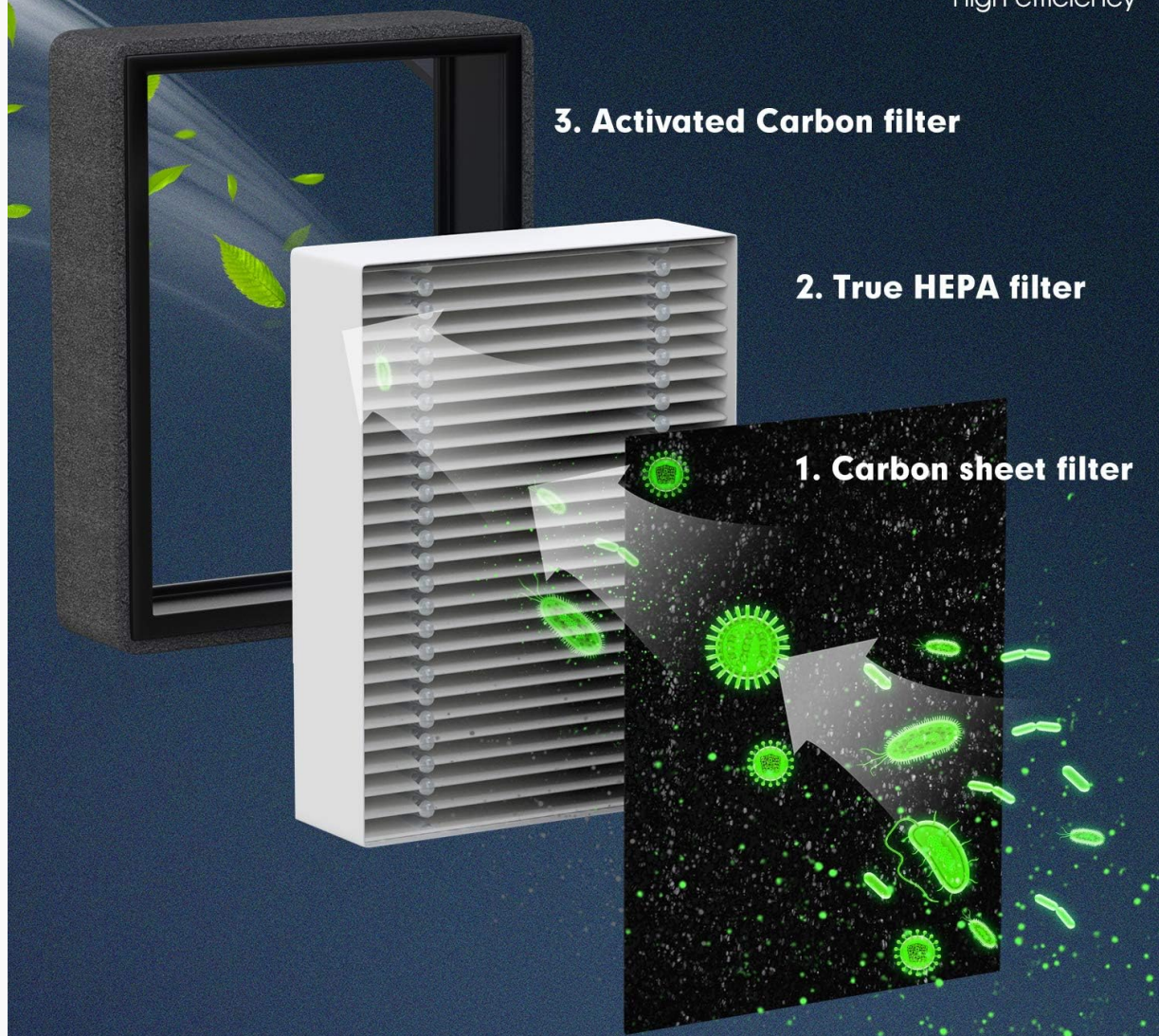


Image: Detailed diagram of the 3-stage filtration system, showing how each filter layer contributes to air purification.

4. SETUP

Before first use, ensure the filter is properly installed and remove any packaging from the filter.

1. **Unpack:** Carefully remove the air purifier from its packaging.
2. **Access Filter Compartment:** Turn the unit upside down. Locate the screw on the bottom cover.
3. **Remove Cover:** Use a screwdriver to remove the screw, then slide off the base cover.
4. **Install Filter:** The 3-in-1 filter is typically pre-installed but may have protective packaging. Remove any plastic wrapping from the filter. Insert the filter into the unit, ensuring the white side faces inwards.
5. **Secure Cover:** Reinstall the base cover and tighten the screw.
6. **Placement:** Place the air purifier on a flat, stable surface, ensuring adequate space around the air inlets and outlets for optimal airflow.

BEDROOM KITCHEN OFFICE



Image: Step-by-step guide for filter installation and replacement.

Your browser does not support the video tag.

Video: Official KOIOS video demonstrating the setup and features of the air purifier, including filter installation.

5. OPERATING INSTRUCTIONS

The KOIOS PM1220 Air Purifier offers simple one-button control for power and fan speed, along with an aromatherapy feature.

Power On/Off and Fan Speed:

- **Power On:** Plug in the unit. Press the power button once to turn on the air purifier. It will start in Quiet mode.
- **Adjust Speed:** Press the power button again to switch to Normal mode.
- **Power Off:** Press the power button a third time to turn off the unit.

The unit features an automatic control system with a PM2.5 display. After auto-monitoring indoor air quality, the air purifier will automatically adjust the fan speed (1/2/3) and provide real-time PM2.5 readings. The PM2.5 display activates approximately 30 seconds after powering on.



Image: The air purifier operating in quiet mode, suitable for bedrooms and nurseries.

Aromatherapy Function:

To use the aromatherapy feature, add 2-3 drops of essential oil (not included) to the aroma pad located under the air outlet. The fragrance will then be diffused throughout the room with the purified air.

Timer Settings:

The air purifier includes 6 timer options (2/4/6/8/10/12 hours) to suit your preferences. Refer to the specific button on the device for timer activation, if available, or consult the quick start guide for detailed timer instructions.

6. MAINTENANCE

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

Filter Replacement:

- The 3-in-1 filter should be replaced every 3-6 months. This interval may vary depending on air quality and usage frequency.
- To purchase replacement filters, search for model B09W9RFSR8.
- Follow the steps outlined in the "Setup" section for filter replacement. Always unplug the machine

from the power cord before replacing filters.

Cleaning the Unit:

- Wipe the exterior of the air purifier with a soft, dry cloth.
- Do not use abrasive cleaners or solvents.
- The filters are not washable and should not be cleaned with water.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on.	Not plugged in; power outlet malfunction; damaged power cord.	Ensure the power cord is securely plugged in. Try a different outlet. Inspect the power cord for damage.
Reduced airflow or purification efficiency.	Clogged filters; obstructions around air inlets/outlets.	Check and replace filters if dirty (every 3-6 months). Ensure no objects are blocking air circulation.
Unusual noise during operation.	Unit not on a flat surface; foreign object inside; filter not installed correctly.	Place the unit on a stable, flat surface. Unplug and check for any foreign objects. Reinstall the filter correctly.
Odor persists or is stronger.	Activated carbon filter saturated; new filter odor.	Replace the filter. A new filter may emit a slight odor initially, which should dissipate quickly.

If the problem persists after trying these solutions, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	PM1220
Dimensions (D x W x H)	6.3" x 6.3" x 10"
Weight	4 Pounds
Power Source	DC
Wattage	8 watts
Control Method	Touch Button
Filter Type	H13 True HEPA (3-in-1 system)
Particle Retention Size	0.3 Micron
Effective Area	Up to 215 sq ft (20 m ²)

Feature	Detail
Noise Level	16dB (low speed) - 50 Decibels (max)
Contaminant Filtration	Cigarette smoke, dust, odors, pet dander, pet hair, pollen, VOCs, wildfire smoke
Special Features	3-stage filtration system, PM2.5 display, auto speed control, aromatherapy design, 6 timer settings
Certifications	CARB (Ozone Free), ETL, FCC, CE

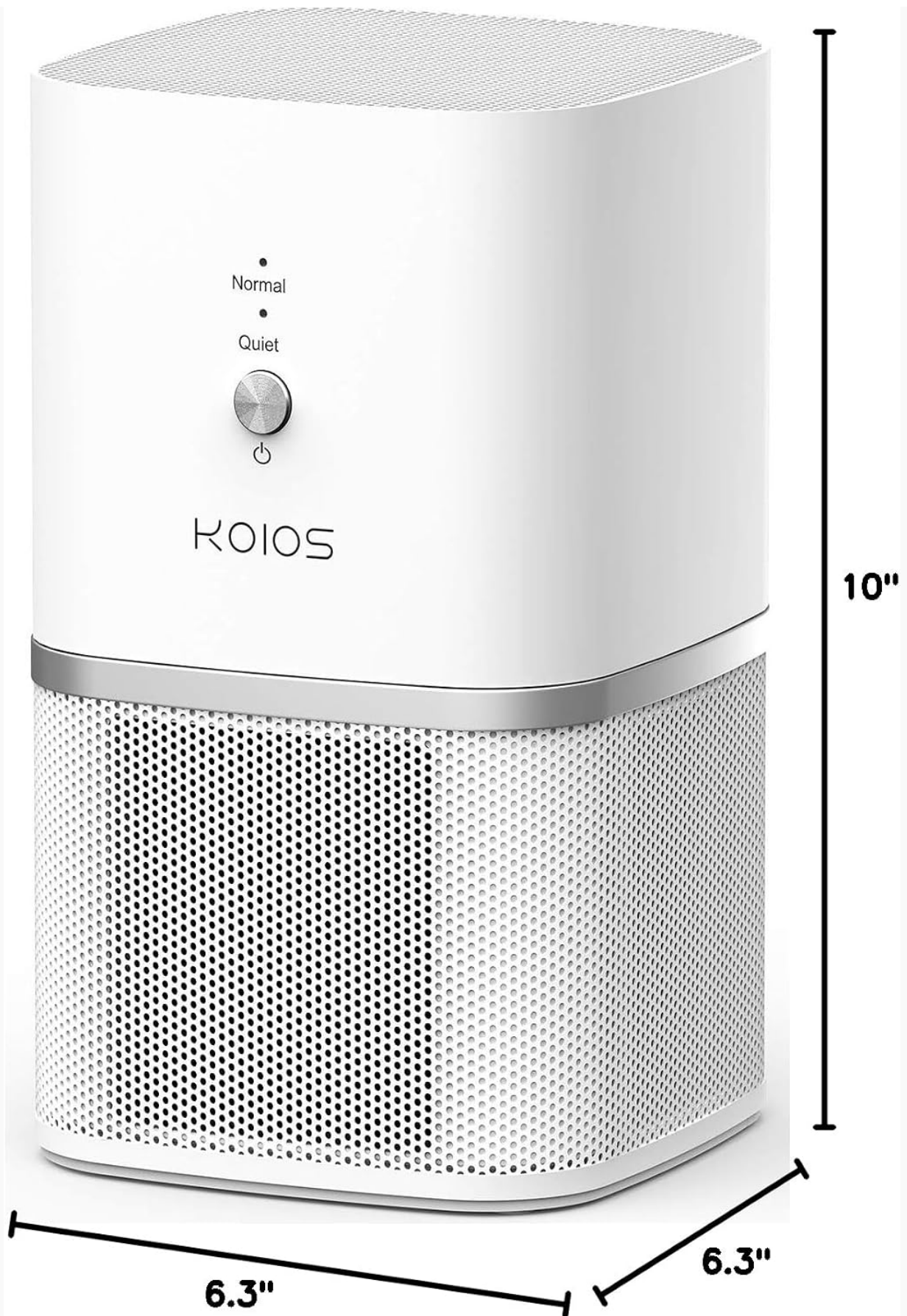


Image: Product dimensions for the KOIOS Air Purifier.

9. WARRANTY AND SUPPORT

KOIOS provides comprehensive support for your air purifier:

- **Warranty:** The product comes with a 1-year support period.

- **Refund Policy:** A 30-day no-hassle refund is available.
- **Customer Service:** 24/7 Live Chat support is available for assistance.

For further inquiries or support, please refer to the contact information provided with your product packaging or visit the official KOIOS website.