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KNKA APH2500P

KNKA Pet Air Purifier APH2500P User Manual

Model: APH2500P

1. Important Safety Instructions

Please read all instructions carefully before using the KNKA Pet Air Purifier APH2500P and retain this manual for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always place the air purifier on a firm, level surface.
- Do not immerse the appliance in water or other liquids.
- Keep the appliance away from heat sources, direct sunlight, and moisture.
- Do not block air inlets or outlets. Ensure at least 6 inches (15 cm) of clearance from walls and furniture.
- Unplug the air purifier before cleaning, performing maintenance, or when not in use.
- Do not operate the appliance with a damaged cord or plug. Contact customer support for assistance.
- This appliance is for indoor use only.
- Keep out of reach of children and pets.
- Do not use in areas where flammable gases or vapors are present.

2. Package Contents

Carefully unpack your air purifier and check that all items are included:

- 1 x KNKA Pet Air Purifier APH2500P
- 1 x Pre-Installed Original Filter (U-shaped High-Efficiency Filter)
- 1 x Reusable Pre-Filter (pre-installed on the main filter)
- 1 x User Manual (this document)

3. Product Overview

Familiarize yourself with the components of your KNKA Pet Air Purifier.



Figure 3.1: Front view of the KNKA Pet Air Purifier APH2500P, showing the control panel, air quality indicator light, and the pet-friendly design.

3.1 Main Components

- **Control Panel:** Touch-sensitive buttons for power, mode selection, fan speed, timer, child lock, and light control.
- **Air Outlet:** Located on the top, with a protective dust cover.
- **Air Inlets:** 6-way air intake system with bottom and side inlets to capture pet hair and dander effectively.
- **Air Quality Indicator Light:** Changes color to reflect real-time air quality.
- **Filter Compartment:** Houses the U-shaped High-Efficiency filter and reusable pre-filter.
- **Aroma Compartment:** Built-in for adding essential oils (oils not included).



Figure 3.2: Diagram illustrating the 3-stage filtration system: Pre-Filter, High-Efficiency Filter, and Activated Carbon layer.

3.2 Filtration System

The APH2500P utilizes a multi-stage filtration system to purify the air:

1. **Reusable Pre-Filter:** Traps larger particles such as pet hair, lint, and dust. This filter is washable and reusable.
2. **U-shaped High-Efficiency Filter:** Captures fine airborne particles including pet dander, pollen, PM2.5, and fine dust. Its unique shape provides a larger filtration surface area.
3. **Activated Carbon Filter:** Absorbs odors from pets, cooking, smoke, and volatile organic compounds (VOCs).

4. Setup

Follow these steps to set up your air purifier for the first time.

1. **Unpack:** Remove the air purifier from its packaging and place it on a flat, stable surface.
2. **Remove Filter Packaging:** The filter comes pre-installed but may have protective plastic packaging. Open the filter

compartment cover (usually on the back or side), remove the filter, and discard any plastic wrapping. Reinsert the filter with the pull tabs facing outwards. Close the cover securely.

3. **Positioning:** Place the air purifier in the desired location, ensuring there is at least 6 inches (15 cm) of clear space around all sides for optimal airflow. Avoid placing it directly against walls or furniture.
4. **Power Connection:** Plug the power cord into a standard electrical outlet (AC 120V, 60Hz).
5. **Initial Operation:** The unit is now ready for use.

5. Operating Instructions

Learn how to use the various functions and modes of your air purifier.

5.1 Control Panel Functions

The control panel features touch-sensitive buttons:

- **Power Button ( ):** Press to turn the unit ON or OFF.
- **Mode Button (MODE):** Press to cycle through Auto, Eco, Pet, and Sleep modes.
- **Fan Speed Button ( ):** Press to adjust fan speed (1, 2, 3, 4). Not available in Auto or Sleep modes.
- **Timer Button (◷):** Press to set the operating timer (1-12 hours). The unit will automatically turn off after the set time.
- **Child Lock Button ( ):** Press and hold for 3 seconds to activate/deactivate the child lock. When active, other buttons will not respond.
- **Light Button (☼):** Press to turn the display lights ON/OFF. Long-press to activate the purple light, which automatically turns off after one hour.
- **Filter Reset Button ( ):** The filter indicator will light up when it's time to replace the filter. After replacement, press and hold this button for 3 seconds to reset the filter life counter.

5.2 Operating Modes



Figure 5.1: Visual representation of the four operating modes: Auto, Eco, Sleep, and Pet, highlighting their primary benefits.

- **Auto Mode:** The built-in air quality sensor detects the surrounding air quality and automatically adjusts the fan speed to optimize purification.
- **Eco Mode:** When air quality is good, the unit operates at a lower power setting to conserve energy. If air quality deteriorates, it will automatically increase fan speed.
- **Pet Mode:** Delivers stronger airflow for 30 minutes to effectively tackle pet-related airborne particles and odors.
- **Sleep Mode:** Operates at the lowest fan speed with all display lights off (or dimmed) for quiet operation during sleep.

5.3 Air Quality Indicator



Figure 5.2: The Air Quality Index (AQI) display showing real-time air quality levels indicated by color: Green (Excellent), Blue (Good), Orange (Moderate), Red (Poor).

The air quality indicator light changes color to provide a visual representation of the current air quality:

- **Green:** Excellent Air Quality (AQI 0-12)
- **Blue:** Good Air Quality (AQI 13-35)
- **Orange:** Moderate Air Quality (AQI 36-55)
- **Red:** Poor Air Quality (AQI >55)

6. Maintenance

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

6.1 Cleaning the Reusable Pre-Filter



Figure 6.1: Step-by-step guide on how to clean the reusable pre-filter using a vacuum cleaner and water.

The pre-filter should be cleaned every 2-4 weeks, or more frequently depending on usage and air quality.

1. Unplug the air purifier from the power outlet.
2. Open the filter compartment cover.
3. Remove the main filter assembly.
4. Carefully detach the reusable pre-filter from the main filter.
5. Use a vacuum cleaner with a brush attachment to remove loose hair and dust from the pre-filter.
6. For a deeper clean, rinse the pre-filter under lukewarm running water. Do not use harsh detergents.
7. Allow the pre-filter to air dry completely before reattaching it to the main filter. Ensure it is fully dry to prevent mold growth.
8. Reinsert the filter assembly and close the compartment cover.

6.2 Replacing the Main Filter



Figure 6.2: The KNKA Pet Air Purifier shown alongside its U-shaped replacement filter, highlighting the unique design.

The main U-shaped High-Efficiency filter typically needs to be replaced every 6-8 months, depending on usage. The filter replacement indicator light on the control panel will illuminate when replacement is due.

1. Unplug the air purifier.
2. Open the filter compartment cover.
3. Remove the old filter assembly.
4. Detach the reusable pre-filter from the old main filter (if you plan to reuse it).
5. Place the new U-shaped High-Efficiency filter into the compartment. If reusing the pre-filter, attach it to the new main filter first.
6. Close the filter compartment cover securely.
7. Plug in the air purifier.
8. Press and hold the Filter Reset Button () for 3 seconds until the indicator light turns off. This resets the filter life counter.

Note: Use only genuine KNKA replacement filters for optimal performance and to maintain warranty validity.

6.3 Cleaning the Exterior

- Wipe the exterior of the air purifier with a soft, dry cloth.
- Do not use abrasive cleaners, waxes, or solvents.
- Ensure no water enters the air outlets or inlets.

7. Troubleshooting

If you encounter any issues with your air purifier, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Air purifier does not turn on.	Not plugged in; power outage; filter not installed correctly.	Check power cord connection; check power outlet; ensure filter is correctly installed and compartment cover is closed.
Airflow is weak.	Air inlets/outlets blocked; filter is dirty.	Ensure no obstructions; clean the pre-filter or replace the main filter.
Unusual noise.	Filter not installed correctly; foreign object inside.	Reinstall filter; unplug and check for foreign objects (contact support if unable to remove).
Odor persists.	Filter is saturated; new filter odor.	Replace the main filter; new filters may have a slight odor that dissipates after a few hours of use.
Air quality indicator always red/poor.	High pollution in the room; sensor is dirty.	Ensure proper ventilation; gently clean the air quality sensor opening with a dry cotton swab.

If the problem persists after trying these solutions, please contact KNKA Customer Support.

8. Specifications

Model Number	APH2500P
Power Supply	AC 120V, 60Hz
Rated Power	24 W
Dimensions (L x W x H)	12 x 16.3 x 7.5 inches
Weight	7.85 pounds
Noise Level	25 dB (Sleep Mode)
Effective Area	Up to 893 sq ft (1x/hr), 184 sq ft (4.8x/hr)
CADR (Smoke)	119 CFM
CADR (Dust)	123 CFM
CADR (Pollen)	147 CFM

Filter Type	3-in-1 U-shaped High-Efficiency Filter (Pre-filter, HEPA, Activated Carbon)
Control Method	Touch Panel
Certifications	AHAM Certified, CARB Certified, ETL Certified, FCC Certified

9. Official Product Video

Watch this official video for an overview of the KNKA Pet Air Purifier APH2500P and its features.

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Video 9.1: Official KNKA video showcasing the Pet Air Purifier APH2500P, highlighting its design, filtration capabilities, and pet-friendly features for homes with dogs and cats.

10. Warranty and Support

10.1 Manufacturer's Warranty

The KNKA Pet Air Purifier APH2500P comes with a **2-Year Manufacturer's Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or failure to follow the instructions in this manual.
Please retain your proof of purchase for warranty claims.

10.2 Customer Support

For any questions, technical support, or warranty claims, please contact KNKA Customer Support through the retailer where you purchased the product or visit the official KNKA website for contact information.
Website: KNKA Official Store on Amazon

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