

# AIR STERILIZATION SYSTEM FOR A HEALTHIER LIFE



BREATHE EASY WITH ADVANCED AIR STERILIZATION TECHNOLOGY



ELIMINATE  
BACTERIAS, DUST  
& SMOKE



ODOR ELIMINATION



EASY  
MAINTENANCE



KEEP AIR CLEAN

## WE CARE ABOUT YOUR HEALTH

## **Product Overview:**

### **AiROX – Breathe the Difference**

AiROX is your trusted partner in creating a healthier, cleaner environment. Designed with cutting-edge air purification technology, AiROX filters and sterilizes indoor air with the highest efficiency, ensuring that you and your loved ones breathe only the purest air. Equipped with a multi-stage purification system that includes a Pre-Filter, Electrostatic Precipitator, HEPA-14 Filter, Activated Carbon Filter, Ionizer, and UV-C Lights, AiROX targets and eliminates 99.99% of airborne pollutants, allergens, bacteria, and viruses.

Whether it's at home, in the office, or in any shared space, AiROX delivers exceptional air quality by removing harmful particles, neutralizing odors, and eradicating airborne pathogens. Designed for convenience and longevity, AiROX's filters are highly durable and easy to maintain, making it a cost-effective solution for long-term use. With AiROX, every breath is a step toward a healthier life.

**YOUR HEALTH, OUR PRIORITY !**

## **AIROX: KEEPS AWAY FROM**

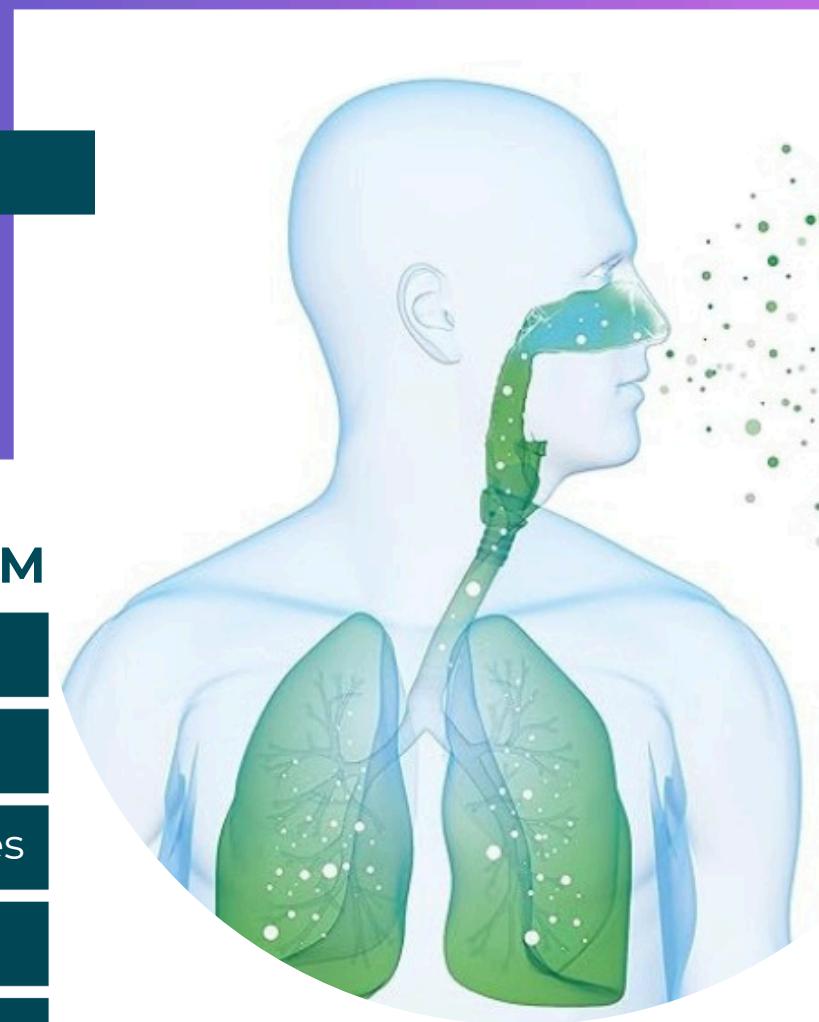
Bacteria, Germs, Fungal, viral

Keeps indoor air clean

Eliminate smoke, kitchen fumes

Wide Coverage

Keep lungs problem away



# KEY BENEFITS

## 1. Comprehensive Filtration:

Six-stage filtration system effectively removes dust, allergens, bacteria, viruses, and harmful chemicals, ensuring 99.99% pollutant-free air.



## 2. Enhanced Health & Wellness:

Reduces respiratory issues, allergies, and illness by targeting harmful particles, providing cleaner, safer air for improved well-being.

## 3. Odor Elimination:

The activated carbon filter absorbs and neutralizes odors, smoke, and volatile organic compounds (VOCs) for a fresher indoor environment.



## 4. Eco-Friendly & Cost-Efficient:

Washable pre-filters, energy-efficient operation, and durable components offer long-term savings and environmental sustainability.

## 5. Easy Maintenance:

Designed with user-friendly filter access and durable, reusable filters, making upkeep simple and cost-effective.

## 6. Quiet Operation:

Minimal noise levels ensure a peaceful environment, perfect for homes, offices, bedrooms.



## 7. Safe UV-C Sterilization:

UV lights safely kill bacteria and viruses without harmful chemicals, reducing the risk of airborne illnesses.

## 8. Improved Airflow & Coverage:

Engineered to cover larger spaces effectively, delivering purified air to every corner of the room for comprehensive protection.



## 9. Compact & Sleek Design:

Fits seamlessly into any environment with a modern, compact design that complements home and office aesthetics.

10. Positive Ionization: The ionizer enhances air quality by bonding with airborne particles, which settle out of the air, creating a cleaner atmosphere.



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## **Key Features:**

**1. Pre-Filter:** Captures large particles like dust, pet hair, and pollen, protecting and prolonging the life of other filters.

Feature: Washable and reusable for cost-effective maintenance.

**2. Electrostatic Precipitator:** Uses an electrostatic charge to capture smaller particles, reducing airborne contaminants without clogging. Feature: Effectively traps fine dust, smoke, and allergens.

**3. HEPA-14 Filter:** Hospital-grade HEPA filter captures 99.995% of particles as small as 0.3 microns, including viruses and bacteria.

Feature: Provides high-efficiency filtration for maximum purification.

**4. Activated Carbon Filter:** Absorbs odors, smoke, and harmful chemicals like VOCs, refreshing and deodorizing the air.

Feature: Ideal for eliminating unwanted smells and improving indoor air quality.

**5. Ionizer:** Releases negative ions that bond with airborne particles, causing them to fall out of the breathable air.

Feature: Improves air quality by reducing allergens, dust, and fine particles.

**6. UV-C Light Sterilization:** UV-C light kills airborne bacteria, viruses, and mold spores for safer, cleaner air.

Feature: Chemical-free sterilization, effectively reducing pathogens.

**7. Smart Air Quality Sensor:** Continuously monitors air quality and adjusts fan speed automatically for optimal filtration.

Feature: Provides real-time air quality feedback with LED indicators for convenience and control.

**8. Low Noise Operation:** Engineered to operate quietly, with noise levels below 30 dB.

Feature: Perfect for bedrooms, offices, and other quiet environments.

**9. Energy-Efficient Design:** Consumes minimal power while delivering high air-purification performance.

Feature: Eco-friendly, designed for continuous use without high energy costs.



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# 6-IN-1 FILTRATION SYSTEM

## H13 True HEPA Filter

H13 True HEPA filter captures 99.97% of airborne particles down to 0.3 microns

## Washable Pre-Filter

Capture dust, lint, hair and pet hair

## UV Tube

UV lights sterilized the bacteria in AIR

## Ionizer

Negative ions can neutralize and remove Odors

## ESP

Remove over 99% of particulates, even in large volumes

## Activated Carbon Filter

Activated carbon pre-filter reduce household awful smell from pets, cooking and smoking

## Specifications Table:

Specification	Details
Model	KTP-100
Dimensions	650x650x335mm
Weight	24Kg Approx.
Coverage Area	800-1000sqft
Noise Level	< 70 dB
Power Consumption	200Watts
Filter Lifespan	HEPA-14: 12 months
	Carbon Filter: 12 months
	Pre-Filter: Washable, reusable
Warranty	2 Years
Types Of Filter	Pre Filter, HEPA Filter, Activated Carbon Filter, ESP, UV lights, Ionizer



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## Why Choose Our Air Sterilizer? :

### 1. Industrial Areas

Air Pollution Control: Industrial environments often contain airborne pollutants, dust, smoke, and harmful chemicals. AiROX's advanced filtration, including HEPA-14 and activated carbon, captures these particles, creating a healthier workspace.

Safety Compliance: Meets high standards for air quality, helping industries comply with health and safety regulations.

Durability and Efficiency: Built to handle continuous use in demanding conditions, AiROX is efficient and long-lasting, ideal for industrial applications.

### 2. Hospitals and Healthcare Facilities

Elimination of Pathogens: Hospitals require sterile environments, and AiROX's UV-C light and HEPA-14 filter eliminate bacteria, viruses, and other pathogens, reducing infection risk.

Allergen and Pollutant Reduction: Reduces airborne allergens, smoke, and chemical odors to create a comfortable, safe environment for patients and staff.

Quiet Operation: Operates quietly, suitable for sensitive areas like patient rooms and examination rooms.

### 3. Offices

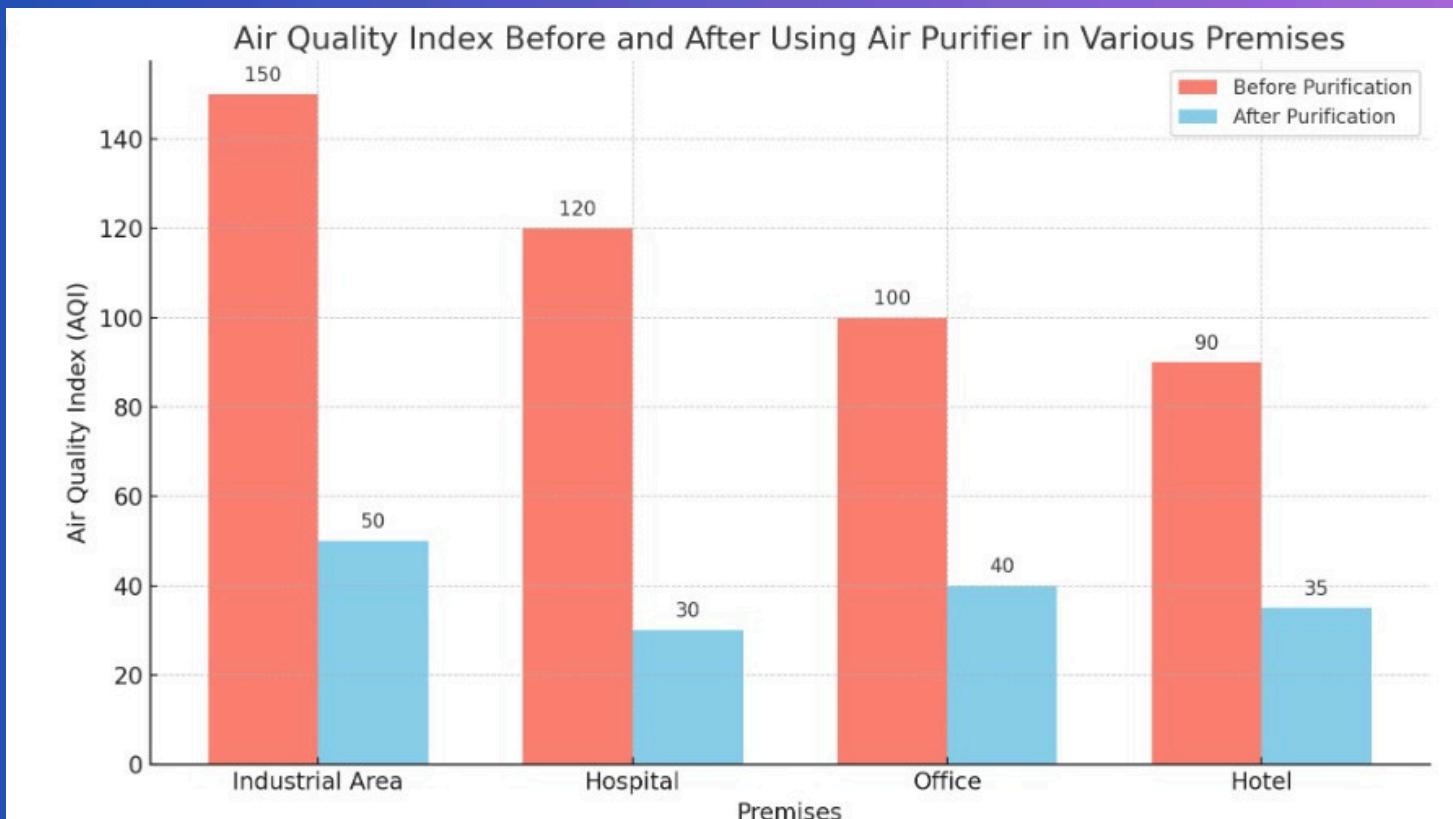
Enhanced Productivity: Clean air reduces symptoms like headaches and fatigue, improving employee well-being and productivity.

Odor and VOC Control: Activated carbon filters absorb VOCs and odors, keeping the office environment fresh and professional.

Smart Technology: The air quality sensor automatically adjusts settings based on air quality, providing continuous filtration with minimal maintenance.

**4. Hotels and Hospitality** Guest Comfort and Satisfaction: Provides fresh, odor-free air, which is crucial for guest satisfaction, especially for those with allergies or sensitivities. Odor and Allergen Elimination: Removes odors from cooking, smoke, or cleaning chemicals, ensuring rooms remain fresh and inviting. Aesthetic Design: AiROX's compact and sleek design blends into hotel decor seamlessly while delivering powerful purification.





Graph shows the air quality index (AQI) before and after using the air purifier across different premises. The "Before Purification" values (in red) represent AQI levels prior to using the purifier, while the "After Purification" values (in sky blue) show the improved AQI levels after purification. This visualization highlights the purifier's effectiveness in significantly reducing pollutants across industrial areas, hospitals, offices, and hotels.





K R I R A T E C H



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