

# HEPA H11 Air Purifier with Activated Carbon and UV Sterilization

This air purifier removes 99.9% of PM2.5 particles with its HEPA and activated carbon filters. The unit includes a PM2.5 meter displaying real-time pollution and air quality levels.



## ADDITIONAL IMAGES



## Product Overview



Showcased globally to professional buyers and industry experts.

### High-Efficiency Air Purification with UV Sterilization

The A3F Air Purifier is a comprehensive solution for indoor air quality, combining HEPA H11 filtration with honeycomb activated carbon and UV sterilization. Designed for spaces up to 30 square meters, it effectively removes 99.9% of PM2.5 particles and 99.97% of PM0.3 particles. This energy-efficient unit features real-time air quality monitoring and automated fan speeds to ensure a healthy environment in both homes and offices.

## Core Performance

### Filtration Efficacy

<b>99.9 %</b> PM2.5 Removal	<b>99.97 %</b> PM0.3 Removal
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### Clean Air Delivery Rate

200 m<sup>3</sup>/h

## Filtration System

### Filter Composition

- Pre-filter layer
- HEPA H11 Absolute filter
- Honeycomb Activated Carbon filter
- UV Sterilization system

## Smart Features

Operating Modes	Auto Mode, Night Mode, 4 Speed Settings, Timer, Child Lock
Air Quality Monitoring	Real-time PM2.5 meter with digital display

## Technical Specifications

### Electrical Requirements

Parameter	Value
Voltage	220V / 50Hz
Power Consumption	40W
Noise Level (Max)	65 dB
Noise Level (Min)	<= 20.4 dB

### Physical Attributes

Attribute	Specification
Material	ABS Plastic
Net Weight	5 KG
Protection Rating	IPX0
Anion Concentration	20 Million pcs/cm <sup>3</sup>

## Compliance & Quality



The product meets rigorous international safety and quality standards, including CE and EMC compliance.

### Product Certifications

CE • EMC Compliant • SGS Tested • IEC • RoHS