

# Air Sterilizing Purifier for Enclosed Spaces

This air sterilizing purifier effectively removes particles, bacteria, and viruses in enclosed spaces. It is suitable for use in hospitals and can sterilize air at a high rate.



## ADDITIONAL IMAGES



## Overview



Medical-grade fresh air purification system utilizing IonJet technology for comprehensive indoor air quality.

### Medical-Grade Air Sterilization and Purification

This advanced air sterilizing purifier is designed for enclosed spaces up to 150-240<sup>3</sup>, making it ideal for hospitals, clinics, and high-traffic commercial environments. Utilizing innovative IonJet technology, it effectively captures particles as small as 0.001 $\mu$ m, including bacteria and viruses, with a sterilization rate of up to 99.99%. The system features a self-cleaning function designed for long-term performance without the need for traditional mechanical filters.

## Performance Metrics

### Key Performance Indicators

**99.99 %**

Sterilization Rate

**600 m<sup>3</sup>/h**

Rated Air Volume

**0.001  $\mu$ m**

Min. Particle Purification

**70 %**

Heat Exchange Efficiency

## Technical Specifications

### Physical & Electrical Data

| Parameter               | Value              |
|-------------------------|--------------------|
| Dimensions (HxLxD)      | 2000 x 630 x 670mm |
| Weight                  | 160kg              |
| Rated Input Power       | 242W               |
| Rated Voltage/Frequency | 220-240V / 50Hz    |
| Air Inlet/Outlet Size   | !195mm / !200mm    |
| Max Noise Level         | 42.8 dB(A)         |

## Core Technology



The IonJet chamber uses ionic fields to capture pollutants without the need for mechanical filters.



Key benefits include zero consumables, self-cleaning functionality, and low noise operation.

### Purification Technology

- IonJet Purification Technology: Creates a strong ionic field to push pollutants to collection walls
- Water Mist Purification: Integrated washing system for pollutant removal
- No Mechanical Filters: Eliminates secondary pollution and consumable replacement costs
- Self-Cleaning System: Automatic water-based washing program for constant efficiency
- Two-Way Ventilation: Continuous fresh air circulation with energy recovery

## Installation & Application



Flexible installation options including ceiling, underground, and ductless configurations to suit any architectural layout.

### Installation Methods

- Direct supply air (open spaces)
- Ductless supply air (private residences)
- Underground air ducting
- Ceiling air ducting
- Combined ceiling and underground ducting

### Suitable Environments

Hospitals, Clinics, Laboratories, Schools, Villas, Meeting Rooms, Gyms, Office Buildings

## Compliance & Testing

### Testing Standards

GB/T 14295-2008 • GB/T 21087-2007 • JG/T 294-2010 • BEET-3139A • GB/T 6165-2008