

# IQAir Cleanroom Series

IQAir's most specialized air cleaners for particle control



## Features & Benefits

- Choice of two efficiencies: 99% or 99.97% at 0.3 microns
- Highest air delivery of any IQAir particle filter system
- Individually certified
- All of IQAir's advanced housing and user control features

## Applications

- Microbiological control in hospitals
- Clean production areas
- Clean research areas
- Pharmaceutical laboratories

## Professional Control Airborne Particulates

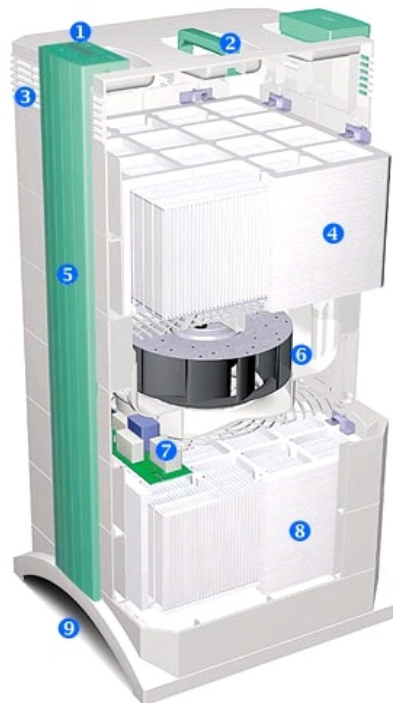
The IQAir Cleanroom Series has been designed specifically for the removal of airborne particles. The systems feature the highest air delivery and longest filter life of any IQAir particle filter system. To allow for maximum air delivery the systems contain no gas phase filtration.

The Cleanroom Series provides a choice of 2 models, each with a specific filter efficiency and air delivery profile. While healthcare facilities may require higher air delivery to achieve optimum control of microorganisms (e.g. in ICUs or TB isolation rooms), a cleanroom facility may need a filtration efficiency of 99.97% to meet strict manufacturing regulations or standards.

<b>Model</b>	<b>Efficiency for Particles</b>	<b>Air Delivery at 230V 50Hz</b>
<b>Cleanroom H11</b>	> 99% at 0.3 $\mu\text{m}$	480 m <sup>3</sup>
<b>Cleanroom H13</b>	> 99.97% at 0.3 $\mu\text{m}$	400 m <sup>3</sup>

## Positive & Negative Pressure Environments

Each IQAir Cleanroom system can be used as a recirculation device or it can be combined with IQAir's ducting adapters [InFlow W125](#) or [OutFlow W125](#) to create positive and negative pressure environments. The creation of negative pressure helps to contain harmful particles, such as microorganisms, in a particular area (e.g. TB isolation). The creation of positive pressure helps to protect clean areas from contaminants entering from adjacent rooms (e.g. protective isolation of immunocompromised patients, controlled environments for medical device manufacturing).



## System Design

- 1. User Control Panel**
- 2. Carrying Handle**
- 3. No-Draft Diffuser**
- 4. Cleanroom-Grade HyperHEPA Filter**
- 5. Snap-Open Locking Arms**
- 6. High-Performance Centrifugal Fan**
- 7. Advanced Fan Control**
- 8. Pre-Max Pre-Filter (Class F9)**
- 9. Dual Floor Air Intake**

## Supplied Accessories

- Set of 4 casters
- Remote control (batteries included)
- User manual
- Certificate of Performance
- Extra long (10") detachable power cable



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