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IQAir® Cleanroom H13



Professional Control of Airborne Microorganisms and Particulate Contaminants

The IQAir Cleanroom H13 is a decentralized air cleaning system designed to meet airborne infection control and particulate contamination challenges in critical indoor environments.

The Cleanroom H13 filters the air by recirculation or by creating true positive or negative pressure environments with special ducting adaptors.

To guarantee actual filtration efficiency and clean air delivery rates, each system is individually tested and certified.



Professional Control of Airborne Particulates

The IQAir Cleanroom H13 is an advanced air cleaning systems designed specifically to remove airborne particles in critical facilities.

HyperHEPA Filtration

The IQAir Cleanroom H13 provides an individually tested filtration efficiency of 99.9% or greater for particles 0.003 microns or larger. With a maximum air delivery of 270 cfm, the system is suitable for an area coverage of up to 1200 square feet.

Positive & Negative Pressure Environments

The IQAir Cleanroom H13 system can be used as recirculation device, or it can be connected to special ducting adaptors to create positive and negative pressure environments. These pressure environments are particularly beneficial when the containment of harmful microorganisms and particles, or the protective isolation of immunocompromised patients is required.

Advanced Controls

The sophisticated control features of the IQAir Cleanroom H13 includes a microchip controlled filter-life monitor that calculates when it is time to change filters, taking actual use and contamination levels into account. An integrated timer allows the system to be pro-



IQAir Cleanroom H13 with InFlow & OutFlow accessories for the creation of pressure differentials to isolate airborne microorganisms.

grammed to switch on and off at the desired times on the desired days. The system also includes a remote control.

Special Anti-Tampering Features

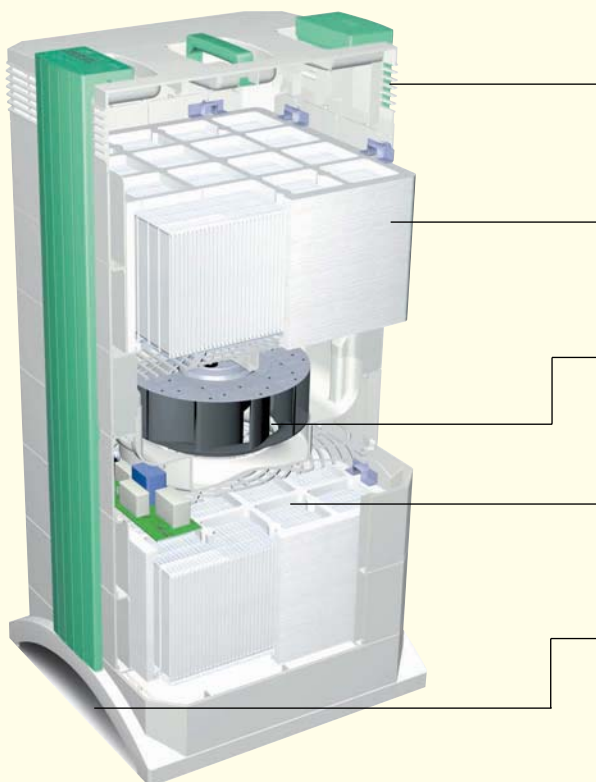
The IQAir Cleanroom H13 includes special anti-tampering features designed to protect the unit from unauthorized access in public spaces.

Medical Applications include:

- Protective Isolation Rooms
- ICUs
- Burn Units
- Operating Rooms
- Organ Transplant Wards
- Oncology Wards
- Research & Microbiology Labs
- TB Isolation & Anterooms

Commercial Applications include:

- FDA-Required "Controlled Environments"
- Medical Device Manufacturing & Packaging
- Food Processing & Packaging
- Air Locks
- Cleanroom Gowning Rooms
- Critical Data Storage Facilities



Cleanroom Series: Features

Air Outlet Diffuser

- Returns clean, low turbulence, low velocity air
- **Optional:** outlet adapter to create positive and negative pressure environments (OutFlow W125)

HEPA Filter Element

- EN1822 type-tested and certified
- Efficiencies of 99.9% at 0.003 μm

High-Performance Centrifugal Fan

- Air delivery with filters: up to 270 cfm
- Fan capacity: 700 cfm
- Low energy consumption: 90–195 watts

Pre-Filter Element

- Fine dust filtration with mini-pleat 55% efficient media at 0.3 μm (ASHRAE 90–95%, class F8)
- Prolongs life of HEPA filters

Dual Air Intake

- Maximum distance from air outlet prevents re-intake of already cleaned air (short-cutting)
- **Optional:** air intake adapter to create positive and negative pressure environments (InFlow W125)